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NOV. 16, 1940

KANSAS FARMER

CONTINUING
MAIL & BREEZE



NOV 15 1940

Before You Nibble Bait

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

AFTER he had "swallowed hook, line and sinker," one of our readers wrote to the Protective Service to find out whether a certain Chicago concern advertising "Patent Protection Documents" is reliable. We investigated and were informed by good authority that the man at the head of the business has been described in the Chicago Tribune as a "veteran of various high-pressure real estate sales campaigns."

He is said to have been in recent years "director of publicity" for a certain association headed by a man described as a promoter of "grand expositions that failed to materialize." There were other unfavorable references but likely these would have been enough to keep our member from paying out his \$2 had he only asked us to investigate first. Learn something about the man or firm at the other end

of the line before you "swallow the bait." When in doubt, ask the Protective Service.

To Mark Chickens Now

Considerable difficulty was encountered by G. C. Williamson, Burr Oak, while he checked up on a recent chicken theft. Finally, he succeeded in convicting the thief who was required to serve a 60-day jail sentence. A \$25 reward was paid to Williamson by Kansas Farmer. He plans to be better prepared for combating thieves in the future for he closed his report by saying, "We think now we will put our Capper mark on our chickens."



Reward Based on Initiative

The Protective Service has tried to work out a reward-paying plan which will be fair to Service Members, law enforcement officers, and private citizens who help capture thieves. Since our primary object is to curb farm thievery, and since we believe the sure, prompt and reasonable severe punishment of the offenders is the best way to discourage stealing, we place much importance on prompt action. We believe, too, that the person who takes the initiative, that is, the one who sets the law into motion, is the one who deserves the most credit. That is why we pay one-half or more of each reward to the Service Member who discovers theft and reports to an officer before an arrest has been made. This is to encourage members to keep a close check on their property so they will notice a theft at once. A member cannot qualify for a reward unless he or some private citizen acting for him reports to an officer before the thief who has stolen property is taken into custody.

It Was Your Idea!

You have told us what you wish to know. Over the years, thousands of readers of Kansas Farmer have sent us tens of thousands of letters, asking for information, requesting knowledge on certain subjects, complimenting us on filling the desire to know about different things. From the requests we have evolved a complete information service. In addition to the stories on up-to-the-minute farm subjects printed in the magazine, Kansas Farmer stands ready to supply innumerable leaflets and bulletins on many subjects. Here is a partial list:

Profit

Creep-Feeding—A Profitable Method of Beef Production
Better Pastures on Kansas Farms
The Best Method of Controlling Blindweed
Hendriks Method of Feeding Baby Chickens
Grass Silage for More Profitable Livestock Farming
The High Cost of Cheap Construction
Useful Knots and How to Tie Them

Home

Meat in the Menu
Hooked Rug Directions
Make Your Own Jewelry
A Treasury of Meat Recipes
Tried and Tested Bread Recipes
Canning Fruits and Vegetables
Ways of Preparing Eggs
Cottage Cheese Dishes
Honey Recipes
Harvest Table Decorations
Bride's Blue Book
Homemade Beauty Remedies
Some Pep and Beauty Exercises
Feeding the Child From Two to Six
"On the Spot"—Stain Removers
Jiffy Weave—Crepe paper craft weaving
Woven Place Mats
Repairing and Remodeling Furniture
Handy Quilting Frames

Play

Hitch Your Family to a Star—farce comedy play, in which movie star is mistaken for a maid, and maid for movie star. Hillbillys... 10c copy or 6 for \$1.00
Angel Without Wings—one-act comedy play in which Mom wants to faint and fly, only faints... 10c copy, or 11 for \$1.00
Why Holly Has Green Leaves—short children's play for Christmas. Easy to present
Just for Fun—5 stunts
Pencil Doll leaflet
How to Make a Donkey What-Not Shelf
Christmas Tree Tag Toys
How to Write and Decipher Codes
A Harvest Party

If you do not find what you want here, write and ask for it, giving the subject. Address requests to Farm Service Editor, Kansas Farmer, Topeka.

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AGAIN CHOICE OF CHAMPION PLOWMEN!

Firestone

GROUND GRIP TIRES

- ★ USED BY AMERICAN CHAMPION AT DAVENPORT
- ★ USED BY ALL THREE CANADIAN CHAMPIONS
- ★ USED BY 13 OUT OF 19 FIRST PRIZE WINNERS AT WHEATLAND, TROY, LILY LAKE AND BIG ROCK



Graeme Stewart, using Firestone Ground Grip Tires, took first place among the American plowmen in the International Plowing Match at Davenport, Iowa.



Nelson LeVee, with Firestone Ground Grip Tires on his tractor, took first place in the Prize Winners' Class at Big Rock and also finished first in the Men's Class at Lily Lake.



Clarence Schoger took first place in the Older Boys' Class at Wheatland, first place in the Boys' Class at Lily Lake, first place in the Men's Class at Big Rock and fourth place in the Prize Winners' Class at Troy. All these victories were won on Firestone Ground Grip Tires.



Carl Hagemann, National Champion of 1939, finished first in the Prize Winners' Class at Troy, second at Lily Lake, fourth at Wheatland and fifth at Big Rock on Firestone Ground Grip Tires.

ALL tractor tires give good service when the ground is dry and hard. But what every farmer wants is a tractor tire that will dig in and give super-traction when the ground is soft and the grass is wet and slippery. The question is: "What tire gives greatest traction in all soil conditions?" And the answer is given by America's champion plowmen. For years most of the winners in all the plowing matches have used Firestone Ground Grip Tires. And again this year, Firestone Ground Grip Tires were the choice of champion plowmen.

Whether you are buying a new tractor or putting new tires on your present tractor, be sure you get Firestone Ground Grips, the only tires made with triple-braced traction bars. This patented feature gives them such superior performance that more farm tractors are equipped with Firestone Ground Grip Tires than with any other make.

Listen to the Voice of Firestone with Richard Crooks, Margaret Speaks and the Firestone Symphony Orchestra, under the direction of Alfred Wallenstein, Monday evenings, over N. B. C. Red Network.



Alex. Black, using Firestone Ground Grip Tires, won Grand Championship on both sod and stubble at International Plowing Match held at St. Thomas, Canada.



Fred Timbers, runner-up on sod in the Canadian Match, also used Firestone Ground Grip Tires.



George Hawstrawser, runner-up on stubble in the Canadian Contest, won on Firestone Ground Grip Tires.



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The Firestone Tire & Rubber Co., Akron, Ohio
Without obligation on my part, please send me (check below):
☐ Information about the Firestone Farm Tire Payment Plan.
☐ Full details on changing over my farm wagon or spreader.
☐ Please demonstrate Firestone Ground Grip Tires with my own tractor on my own farm.
Make and model of tractor.....
Please demonstrate on..... (date)
Name.....
R. F. D. or Street Number.....
Town.....
County..... State.....

MORE FARM TRACTORS ARE EQUIPPED WITH FIRESTONE GROUND GRIP TIRES THAN WITH ANY OTHER MAKE

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How to Propagate Trees

By CHARLES A. SCOTT

Please give me information in regard to caring for and planting tree seeds, how to treat locust seeds before planting, also making and care of cuttings of different kinds, including evergreens.—A Reader, Stratton, Neb.

WALNUTS and acorns should be planted as soon as they ripen and fall from the trees. They suffer from over-drying if not planted soon after ripening. They need not be hulled. Plant in well cultivated ground and cover with from 2 to 3 inches of soil well firmed over the seeds.



Charles A. Scott

Such seeds as plum, peach, cherry and hackberry should be stratified soon after ripening to prevent injury from over-drying. Plant in spring after danger of injury to young plants by late frosts is past.

Ash, boxelder, ailanthus, locust, Osage orange and similar seeds should be stored dry over winter. These should be soaked in fresh water for a week or 10 days before planting in the spring.

Our most successful method of treating Honey locust seed before planting has been to give the dry seeds a 30-minute bath in commercial sulphuric acid, this followed by a fresh water bath immediately before planting. Be sure the locust seeds are perfectly dry or the acid will cook them. Also remember the acid must be used in glass or wooden receptacles. It eats holes in tin or zinc containers.

Hardwood cuttings usually are made from wood of the current year's growth. The cuttings may vary in length, but they should have at least 2 nodes or joints. If the cuttings are made in November or December, before the wood freezes, or when it is free from frost, they may be planted at once, providing they are completely covered with soil over winter to prevent injury from drying out or from alternate thawing and freezing. If not planted at once, they should be stored over winter in a frost-free storage room, and covered with moist peat, sphagnum moss, shingle-tow or some similar material that will protect from over-drying.

If the cuttings are not made until spring, they should be made as soon as the frost goes out of the wood. They should then be stored in a moist, frost-proof storage room until they are to be planted. It always is advisable to place the spring-planted cuttings in a solar pit, butts of cuttings upward, for a week or 10 days before they are planted, to develop calluses and root buds.

Cuttings should not be planted until the ground warms up sufficiently to induce immediate growth. When set, the

cuttings should extend about 1 inch above the surface of the ground. After planting, a ridge of soil should be thrown up over the cuttings to prevent the tops from drying out. The new growths from the cuttings will grow right up thru this ridge of soil and the surface soil will, under cultivation and beating rains, resume its former normal level.

Growing evergreens from cuttings is altogether a different story. The time of making the cuttings and method of handling them varies with the different species. Very few of the upright growing evergreen trees grow readily from cuttings, while the prostrate or spreader as a whole grow readily from cuttings.

These cuttings are usually made in September or October from wood of the current year's growth, or in some

cases, heels of the preceding year's growth are highly desirable. As soon as made, the cuttings are planted in benches in propagating houses, in pure sand soil or a sand peat mixture. The temperature and humidity of the propagating houses are regulated to meet the needs. If the temperature is excessive the butts of the cuttings will rot. If the soil medium is not kept warm enough, the cuttings refuse to develop root buds and the stem ultimately dies. Under proper conditions some varieties of evergreen cuttings will begin showing root buds in from 40 to 60 days. Other varieties or individual cuttings will delay root development from 90 or even 180 days.

Growing evergreens from cuttings is a ticklish job for experienced nurserymen equipped with modern conveniences, and should not be attempted by laymen. For full particulars for growing trees from seeds, write to Farm Service Editor, Kansas Farmer, Topeka, and ask for copies of Farmers' Bulletins Nos. 1123, 1453 and 1591 to be sent to your address.

State Entries Chosen

Five samples of Kansas wheat, representing 4 varieties and 4 counties, were recently sent to Chicago to compete in the Wheat Milling and Baking Contest at the International Grain and Hay Show. These samples were selected by a committee appointed by Dean L. E. Call, Kansas State College, which was composed of Dr. H. H. Laude, A. L. Clapp, and L. P. Reitz, of the department of agronomy; Dr. E. G. Bayfield, head of the department of milling industry; and Dr. John H. Parker, director of the Kansas Wheat Improvement Association.

These samples were selected: Tenmarq, grown by Leonard Pierce, Riley, Riley county; Tenmarq, Clarence Gatch, Hope, Dickinson county; Turkey, Everett Burkhead, Beloit, Mitchell county; Kanred, Ray H. Dible, Rexford, Thomas county; Blackhull, G. W. Geiser, Beloit, Mitchell county. Because of the expense of making the experimental milling and baking tests, Kansas was allowed only 5 entries.

A NEW IDEA 3 in 1 PIONEER Packets

NOW ■■■ and for the first time in the entire history of the hybrid seed corn industry—Garst & Thomas are offering 3-in-1 Pioneer Packets.

The purpose of this new idea in hybrid seed corn distribution is twofold:

FIRST: To acquaint additional thousands of farmers with the many qualities and advantages of Pioneer Hybrid Corn.

SECOND: To present to farmers the opportunity of testing three varieties of Pioneer Hybrid Corn under the actual soil and weather conditions of their own farms.

Each of these packets will contain at least three varieties—roughly, a peck of each one. In each case, they will contain at least one of the newer Pioneer varieties—and at least two well adapted Pioneer Hybrid varieties that are in large production.

In some cases, round kernels are being included in these packets. In all cases where this is true, one planter or lister plate for either a John Deere 999 or the current model of International planter or lister will be included. In every instance, the quantity of corn contained in the packets is being sold at the regular prices. Where the planter plate is enclosed, the retail price of the corn, plus the cost of the planter plate, is included. **The price on all packets is the same—\$5.00.**

These packets will plant from 5 to 10 acres, depending somewhat on kernel size and whether the rate of planting is heavy or light.

Garst & Thomas sincerely believe these special "Pioneer Packets" offer every farmer an excellent opportunity to test several varieties of Pioneer on his own farm—to see them growing side by side—to make his own comparisons—to draw his own conclusions.

To aid in distinguishing the different varieties as they are growing in the field, each seed variety packet is identified by a waterproof tag which can be fastened on the fence at planting time, which will make it easy to recognize the varieties at all times.

See Your Local Pioneer Representative Today

May we suggest that you immediately get in touch with your local Pioneer Sales Representative, who can advise you on which combination is best adapted to your particular problem.

THE NUMBER OF THESE PACKETS IS RELATIVELY LIMITED. For that reason, it is very important that you get in touch with your local Pioneer Representative at once.

GARST & THOMAS Hybrid Corn Co.

Coon Rapids, Iowa



"Buster, you've got to stop playing horse with Pansy!"



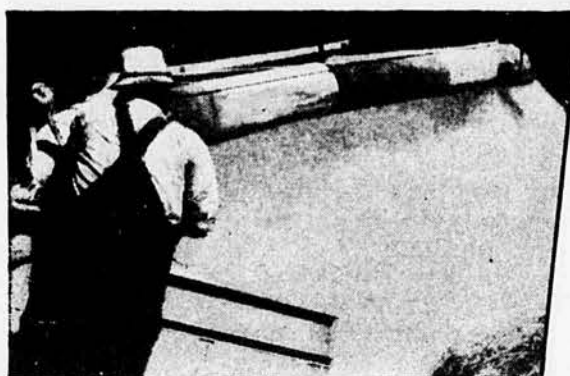
A Safeway Farm Reporter story of interest to Kansas Farmers

From where I stood, on Clarence Durrant's place, I could see the whole green sweep of the Utah Valley, stretching north and south. Rimmed by rock mountains, this fertile land lies just south of the Great Salt Lake Valley. I was only a few miles from Provo, Utah County, which is held to be one of the best celery-growing areas in Utah

Celery looks like a good cash crop

Says

CLARENCE DURRANT OF UTAH



"Most of my time up till now has been spent on general farming," Clarence Durrant told me. This snapshot shows him adjusting the thresher with which he threshes his own grain and also works out for neighbors.

"When we moved on the farm there wasn't a thing but 220 acres of bare land with a little alfalfa on 15 acres, an old house and barn, and a heavy mortgage. How we ever struck it out is more than I can figure because we didn't have any equipment. We leased out part of the farm and bought some cows. We let the alfalfa go to seed and got a small yield. We kept planting more and improving what we had. Last year we raised 10,000 pounds of seed.

"In 1935 I managed to buy a few second-hand farm implements and an old tractor. In 1937 I bought a combine and next year a disc harrow and manure spreader. The tough time we had getting our equipment taught us to take good care of it"



CLARENCE DURRANT—six foot two and 255 pounds—was working with a fertilizer drill that straddled rows of young celery when I caught up with him. "What's going on here, Mr. Durrant?" I hailed.

"I'm just experimenting a bit to find what fertilizer is best for my celery," he told me. "Celery is still pretty much a sideline with me—the most I've planted so far is six and a half acres. But I'm planning to put in more. We've got the soil and climate, and most growers around here have artesian wells so we can irrigate often."

"What variety do you grow?" I asked. "We've developed our own variety—the Utah variety," answered Clarence Durrant. "Crisp and not stringy, with lots of flavor. In March I plant the seed in cold frames, then usually in June I set out the rows of plants by hand."

"Got a good market for your crop?"

"Yes sir, we're in luck there, too. Our big celery shipments start in mid-fall, when folks are thinking of holiday meals. There are seldom heavy shipments from other areas then, so Utah celery is in demand. The Safeway people take large quantities, buying top quality and paying top prices. With Safeway distributing our celery direct—at low handling costs—I figure we Utah growers have got something."

"What kind of yields do you get?"

"That depends," Mr. Durrant explained. "Planting for dirt hilling—bleached celery—the yield is around 350 crates an acre. But if we grow green celery and don't hill it we can get up to 1500 crates to the acre. I like bleached celery myself but I hear doctors say green celery is healthier. Looks like it might be good for us growers if people ate more green celery, doesn't it?"



Four of the seven Durrant children are shown here. Carolyn holds six months old Russell. David (left) and John are both expert riders and have their own mounts



This smiling chap D. O. Dastrup, manager of the Safeway store in Provo where the Durrant trade. "With seven young children we naturally have to get the most for our money—you bet we trade at Safeway," Mr. Durrant told me

Several artesian wells make irrigation water plentiful on the Durrant place. 40 acres are in grain, 50 acres in alfalfa seed and hay, 25 acres in alfalfa for hay only, and some fallow. The family keeps about 25 milking cows. "The milk check gives us our living expenses," said Mr. Durrant. "The alfalfa seed pays running costs on the farm—and with any left over we buy new piece of equipment. Once we really get our celery underway it should give us a little for the proverbial rainy day. I've got to do well with celery—just recently they made me president of the Utah Celery Cooperative Association"



GREENER PASTURES on Their Side of the Fence

By ROY FREELAND

DESPITE an old saying that "grass always looks greener on the other side of the fence," some wide-awake Kansas farmers have learned they can grow the greener grass right in their own pastures. This was evident in the discussions of 70 farmers gathered at steak feeds last week for those in the Kansas Farmer Pasture Improvement Contest.

Informally pondering the topic of better pastures, over thick, juicy steaks, farmers in Northern Kansas met at Phillipsburg, and those in the Southern Kansas area congregated at Partridge, in Reno county. During the course of their discussions, these good grass farmers revealed much of their success came as a result of "looking over fences" for worth-while ideas from other good farmers.

It was in a manner similar to this that C. A. McClaughry doubled the carrying capacity of fall pasture on his farm. While attending the annual steak feed a year ago, Mr. McClaughry heard another farmer tell of cultivating his stubble ground to improve the stand of volunteer wheat for fall and spring pasturing.

Remembering the idea, he one-wayed his wheat stubble following harvest last July, and a 35-acre field handled in this way produced enough feed to pasture 26 head of dairy cows from September 1 thruout the entire fall season. Mr. McClaughry explains this is more than double the number of cows he ordinarily grazes on that acreage of volunteer wheat ground not cultivated.

HOWEVER, this is just one of many reasons for greener grass on the McClaughry farm, where a commercial dairy herd pays higher profits because of having a variety of good grass nearly every month in the year. Mr. McClaughry, who placed second in the diversified section of the 1940 Kansas Farmer contest, provides his cattle with a succession of pasture treats which include rye, Sweet clover, and a choice native pasture kept free of weeds by a system of regular mowing.

The idea of cultivating wheat stubble for abundant volunteer pasture is also paying dividends for farmers in the range areas of Northwest Kansas. R. E. Frisbie, of Rawlins county, winner of \$50 in cash for first in the range division, depends on volunteer wheat as a helping hand to rest and strengthen his native grasses.

Wheat stubble is cultivated immediately after harvest and it usually supplies high-quality pasture by late August or early September. Providing pasture at this time, it allows the native grass to obtain fall growth and enter the winter in good condition. Again in the spring, wheat pasture makes it possible to defer grazing of native grass until a supply



J. K. Muse, right, McPherson county dairyman, plans a year-around supply of grass for economical dairy production. He is shown here with K. L. Anderson, of Kansas State College, a judge for the Kansas Farmer Pasture Contest, inspecting fall-sown barley pasture on the Muse place. Mr. Muse won first prize and \$50 for first in the diversified section of the Kansas Farmer Pasture Improvement Contest.

of plant food can be stored in the grass roots. This simple system, combined with careful attention to the matter of rotation and deferred grazing, has enabled Mr. Frisbie to improve his native pastures, while supplying his stock with good grass, even during the unfavorable seasons.

Phillip K. Studer, of Rawlins county, fourth prize winner in the range division, mentions additional advantages of cultivating wheat stubble for volunteer wheat pasture. Besides producing extra feed, he points out, the ground handled in this manner goes into the next season with a greater supply of moisture than stubble ground not cultivated. This, he says, is due to the fact that a good crop of volunteer



Carefully managed pastures for production of beef, have proved a "gold mine" for Arthur Wurth, who handles 2,200 acres of land in Clark county.

wheat does not take as much moisture as that taken by Russian thistles which grow on untilled stubble ground.

In Clark county, A. E. Wurth refers to his 2,200 acres of land as a "gold mine" so long as devoted to pasture for production of beef. With this in mind, his entire farming system is built around production for temporary pastures and improvement of native pastures. By being careful to defer grazing in spring and to not overgraze at any time, he has developed his native grass pastures so they are among the finest in that area.

Four farm ponds and 3 windmills have been supplied to supplement 3 springs in the Wurth

pastures. Mr. Wurth plants wheat every year but it is never combined. His wheat is all pastured off as a supplement to the native grass pastures, and Mr. Wurth declares it brings him far more profit than a cash crop of wheat. He was awarded second prize and \$25, in the range division.

In a similar system, J. K. Glanville, of Logan county, third prize winner, adds the use of contour chiseling. He favors chisel marks closely spaced instead of contour furrowing, because the chisel marks can easily be crossed with auto or other vehicle. His contour chiseling has proved highly effective in holding moisture to improve the grass.

PROBABLY no farmer in Kansas does a better job of keeping green grass on his side of the fence than does J. K. Muse, of McPherson county. Mr. Muse won the first prize of \$50 in the diversified section of Kansas Farmer's pasture contest. Altho he maintains a herd of 25 to 30 high-producing Jerseys, Mr. Muse does not have any permanent pasture on his farm.

Instead, he has a carefully planned system in which crops are planted and raised to provide pasture virtually every month in the year. He reports these crops pay greater returns than any other crops raised on his farm.

In the spring, Mr. Muse grazed on a pasture mixture consisting of wheat, rye and barley. This was good until about May 1, when the mixed grass was plowed under preparatory to seeding Sudan. At the first of May, Mr. Muse moved his stock to a field of fall-seeded Sweet clover. This provided luxuriant grazing until mid-June, and light grazing on into the summer, before the field was plowed and prepared for a crop of Missouri Early Beardless barley, to be pastured in the fall.

By June 10, Mr. Muse had a supply of Sudan pasture which brought an abundance of feed for the hot summer months. Cattle were rotated among 3 Sudan pastures and 1 Sudan field used for hay. By paying careful attention to the rotation, Mr. Muse managed so all pasture was eaten instead of being trampled and wasted.

By mid-October, Mr. Muse had his stock on barley, Balbo rye and commercial wheat pastures. These crops served thru the fall months and will be used at intervals until late next spring, when spring-sown crops or fall-sown Sweet clover will be ready for use.

Third prize in the diversified section went to O. F. McGonigle, of Reno county, who uses a similar program in connection with native grass pastures for extensive beef cattle grazing operations. By deferred grazing and regular mowing, Mr. McGonigle [Continued on Page 19]



Good volunteer wheat pasture produced by cultivating the stubble ground after harvest, supplements native grass on the farm of R. E. Frisbie, in Rawlins county. Mr. Frisbie was awarded \$50 for first prize in the range division of Kansas Farmer's Pasture Contest.



By means of deferred grazing in spring, and contour chiseling, J. K. Glanville, of Logan county, has made remarkable improvement in his native grass pastures. Mr. Glanville converts grass into beef, with a choice herd of Shorthorns.

DURING the political campaign recently ended, I departed from the nonpartisan attitude which the Kansas Farmer Mail & Breeze has generally adhered to, and wrote an editorial urging my readers to vote for Mr. Willkie as against the re-election of President Roosevelt. My reason for doing that, I tried to make clear. I believed that the re-election of President Roosevelt would not only destroy a cherished unwritten law, that no President should be permitted to serve more than two consecutive terms, or 8 years in total, and also I feared that his election would increase the probability of our becoming actively engaged in the European war.

The election has wiped out this unwritten law, but at least I have the satisfaction of knowing that a handsome majority of the voters of Kansas voted against the election of President Roosevelt and perhaps a part of these voters followed my advice. At any rate no other state in the Union showed such opposition to the re-election of President Roosevelt. Four years ago Kansas gave Mr. Roosevelt a majority of approximately 68,000. This year it gave a majority against him of approximately 115,000. In no other state was there such a reversal of political sentiment, and I hope that my political editorials had something to do with that reversal.

At the end of his campaign and on the eve of the election, President Roosevelt announced that he would not send our army and our navy across the ocean to take part actively in the horrible war that is going on in Europe. If he lives up to that promise I will be pleased. The sudden announcement, however, by the Secretary of the Treasury asking that the public debt limit be raised to 65 billion dollars is not encouraging. On the contrary it seems to me to indicate that the administration is preparing for war; not a war of defense but a war of participation in the European conflict.

Before the election, a number of Washington correspondents predicted that if Roosevelt should be re-elected we would actively engage in war within 6 months at the outside. If these predictions should prove to have been well-founded, what then? The first definite result would be an absolute dictatorship. No war can be carried on without a dictatorship. We who lived during the World War—1914-1918—realize that we were under a decidedly strict despotism during that war. We were told how much flour we could buy and how much the flour should be adulterated or mixed with other ingredients. We were limited in the amount of

Thanksgiving Day, 1940

By ED BLAIR
Spring Hill, Kansas

Thanksgiving Day! Our Nation stands
With reverence as it comes.
Where Liberty of thought commands
The roll of Freedom's drums
For conferences, that strifes allay,
With all our blessings here,
Where right to speak to show the way
To longing hearts brings cheer.
America! How blest are we
Who dwells where still reigns Liberty!

With other nations torn with war
Where rights of men are crushed
By tyrants, that just men abhor,
The right to speak is hushed.
Fired with success they look this way
Where men their thoughts still speak.
America! Still free today
Here they would vengeance wreak!
Oh flag that thrills true hearts to praise
Our Flag! Flag of the Free! We raise!

Comment

By T. A. McNeal

sugar we might purchase within a given time. Prices were fixed by government agencies. We were told what we might say or what we might write. In short we felt the restraining hand of the Government in nearly everything we did or wanted to do.

Now, I am not complaining about this restraint. I am of the opinion that a war is the direct antithesis of democracy and if militarism is to prevail then our democratic representative form of government has reached its end and the freedom of speech and freedom of action which we and our fathers have cherished, and of which we have boasted, is at an end and will never be restored.

The founders of our Republic evidently had a deep-seated fear of militarism and an examination of our Constitution shows that fact. There is no provision for a large standing army. It does provide for a militia but plainly indicates that only a small part of it shall be used as a regular army. What wars we have fought have been fought with volunteers, and our regular army has been a very small body of troops used almost entirely as a sort of national police. Civil authority in time of peace took precedence over military authority.

There has been a deep-seated and almost universal prejudice against compulsory military service. Literally millions of immigrants have come to our shores to escape compulsory military service. They realized, as we will realize, that government by military decree and backed by military force is diametrically opposed to government of the people, by the people and for the people. The two ideas cannot operate in concert and harmony.

We have forsaken the idea on which our Republic was founded. We are organizing a large standing army of at least 1½ million men made up mostly of compulsory members, and two of the greatest navies the world has ever seen. We have embarked on the course which in Europe has led from individual freedom to absolute despotism. Do you believe that we can escape the consequences which have followed the European ideas and governmental policies? I fear we can not.

Write Your Own Will

IS A WILL legal that is made and signed before a notary? Have been told I would have to hire a lawyer.—Mrs. B. L. J.

It is not necessary that a will be signed before a notary public. Neither is it necessary that a lawyer be employed to write the will.

Can Sign Away Rights

TWO farms are willed by A to B, his wife, to hold during her life, after her death to go to their children. After the death of A, can B sell one of the farms to pay off debts if all the heirs sign the deed?—Subscriber.

Without having any opportunity to examine the will I do not like to give a positive answer to that question. I would say, speaking generally, that these heirs have a right to sign away their contingent rights in this estate. Very often a will is made which gives the right to the surviving spouse to sell part of the land if such sale is necessary to pay debts, or to

obtain necessary revenues for the support of the spouse.

In this case A has willed to B a life estate in 2 farms. Of course, unless there was some written agreement by which B waived her statutory rights, that will would be invalid. If she did waive her statutory rights to an absolute one-half of all his property, personal and real, and accepted in lieu thereof a life estate, with the contingent remainder going to the children and all the children should unite with their wives and husbands in executing a deed to a certain part of this property, my opinion is such transfer would be legal.

Stepmother Gets Half

MY MOTHER died when I was about 10 years old. My father married again when I was 18. My stepmother has one son. When my mother died my father owned a half section of land with only his name on the deed. If my father dies before my stepmother, how much of this land would I be entitled to?—R. M.

If your father dies without making a will, your stepmother will inherit one-half of his property, personal and real, unless there was some prenuptial agreement varying this statutory right of your stepmother. You and any other brothers and sisters of yours, children of your father, would inherit the other half of his property, with the exception that the statute allows the surviving spouse certain exempt property as hers. She would be entitled to this exempt property provided by the statute in addition to her half of the remainder of the estate.

No Claim on House

MY HUSBAND has 4 daughters by his second marriage. He and his wife separated. A year later he and I married. His second wife got half the value of the home and he got the other half. He paid her in cash. The daughters went with her. He wants to sell the place and build another for me, his third wife. Will his daughters have any claim on the house he builds for me? There is no will giving them a share.—W. C. C.

Presumably a complete property settlement was made at the time of the last divorce. If so neither the former wife nor daughters would have any claim or lein on the house the husband may build and give to the third wife.

KANSAS FARMER

Continuing Mail & Breeze
Vol. 77, No. 23

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Farm Matters

AS I SEE THEM

I BELIEVE every thoughtful American citizen has analyzed this recent campaign and election in the same feeling of freedom he used in voting. One thing is certain: When United States citizens go to bat for something, they do it with a will. We can be proud of the energy of our country, as shown by the number voting in the election. As usual, neither side can be granted a clean bill of health by either side on the conduct of the campaign. Unfair things were said and done. Prejudices were in evidence. About all the human weaknesses in the political category were well-aired. Yet, by and large, I believe the people of the United States voted their convictions. And, while they were on different sides of the fence politically, I think they were sincerely voting for the same things—a strong America first of all; and an America in which the family and the individual are important.

A far greater majority than voted on either side believe in a strong preparedness program. Now that election is over, we should be able to get down to this important job of making America so strong other nations won't dare attack us. For our unpreparedness, let the blame fall on our Government; but, also, let each citizen take his share of the blame for not keeping sufficiently alert himself to insist that our Government prepare.

A far greater majority than voted on either side, voted to stay out of war. Many earnest people voted for Wendell Willkie because of his promise to keep the United States out of war if he were elected President. Many sincere people voted for Franklin D. Roosevelt with the clear understanding that he would bend every effort to keep the United States out of war. The solemn pledge of the President to that effect carries with it the right of a free people to demand that a peace policy be followed. After all, the people are the Government. And, as the chief public official of our democratic form of government, the President is answerable to the people he serves.

Certainly no people could be more united than we are in America on these major issues of preparedness and of keeping out of war, or on the fact that we must forever preserve our democratic form of government. And I feel sure that a people who can see eye-to-eye on

such tremendously important issues also can iron out smaller, altho very irritating and knotty problems. With all my power I will support the President in building an adequate preparedness program, in working for peace, and in continuing our own form of government. I know that is the way the people of Kansas would have me do. I am sure that is the way they voted.

While I think the war problem was perhaps the deciding issue, I am very much interested in the switch of the vote in Kansas and in the Farm Belt away from the New Deal. I believe this is a warning from farmers generally that mounting public debt is a worry to them. Every farmer will be called upon to bear his share of this added financial burden and he knows it. Everything he buys for the operation and improvement of his business and his home will be taxed to carry the relief load and to provide for defense. Farmers know the meaning of economy themselves, and when expenses go up one place, such as for defense, they rightfully expect the utmost in economy every place else.

I also believe this farm vote shows that farmers have some points to criticize in the present farm program. As free American citizens they have a right, and a patriotic duty, to speak out when inequalities show up. One which hasn't been corrected is the matter of paying huge sums to big farmers and big companies under the AAA, rather than making the AAA more of a family-size farm program.

Safety on the Farm

FOR 3 years, Kansas has profited by an intelligently planned farm safety campaign. It is sponsored by the Farm Safety Committee of the State Safety Council. This committee, headed by J. C. Mohler, secretary of the Kan-

sas State Board of Agriculture, worked out a Farm Safety Primer as a basis for the statewide accident prevention campaign, and then turned it into a contest for farm boys and girls. That was a wise move.

These fine young folks took over this new accident prevention project with such enthusiasm

that fatal farm accidents were reduced 30 per cent the first year, largely thru their efforts. Under competent, conscientious local leaders these young folks have been responsible for getting the Farm Safety Primer into virtually all of the 175,000 farm homes in the state. They have talked safety on farms and at community gatherings thruout the state. They have demonstrated how to avoid accidents and have pointed out accident traps so their dangers could be eliminated.

Last Sunday afternoon I had the pleasure of taking part in the annual Kansas Farmer radio party at WIBW which especially honored the 1940 state-wide safety contest winners. State champion among the boys is Norman McClaren, of Kiowa county; state champion girl is Elwys Fawl, of Shawnee county. Norman and Elwys each received gold watches which I was happy to offer thru Kansas Farmer. The state champion group is the Harmony Hustlers 4-H Club, of Dickinson county. These fine young folks received, as their award, a trip to the American Royal Live Stock Show at Kansas City this week, and they stopped in Topeka for their special radio party.

I heartily congratulate the 1940 winners and their leaders. But I also most sincerely congratulate every boy and every girl in Kansas who have been a part of this safety crusade. Without their interest and co-operation the contest these last 3 years wouldn't have been a success. Without their excellent work the cause of safety on our farms would have failed to make the gains they helped it make. Altho only a few received prizes in this contest, everyone who entered it is a winner. Everyone who entered has been instrumental in saving lives. That is the greatest prize you can ever win.

Arthur Capper

FROM A Marketing VIEWPOINT

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

(Probable changes in feed and carrying costs have been considered in forming conclusions.)

What do you think about the soybean market? Would it be wise to sell for 64 cents or hold for a higher market?—P. G., Douglas Co.

Production of soybeans is smaller and prices are now lower than in 1939. Increasing industrial activity may result in some increase in industrial uses of soybeans, and prices may advance. Also, local prices frequently tend to be higher during the late winter and spring.

I had to buy corn and am sure that I lost plenty of good money on my hog program this year. I planned to get out of the business this fall, but

I'm going to have some grain and now am wondering whether to sell my sows or hang on to them another year.—C. B., Pawnee Co.

Smaller hog supplies and a stronger consumer demand for pork in 1941 compared with 1940 are highly probable and warrant expecting a substantial advance in hog prices. Considering probable feed costs, spring pigs that are ready for market by August or early September of 1941 should be unusually profitable.

I read a lot about plans to buy South American surpluses, as a step to prevent control of South American markets by the Axis powers. Will these products compete with our own farm products?—J. M., Chase Co.

Plans for handling South American surpluses are indefinite; however, it seems probable that some plan will be developed. The surpluses are of products similar to American surpluses

—wheat, corn and raw materials. Chances are that they will not be brought into the United States or allowed to compete directly with American raw materials. There are large quantities of South American products which we could use to advantage in the United States. These are flax, wool, minerals, fruits, and perhaps some things not now used, such as tropical woods for furniture and interior finishes.

Do you think that prices of potatoes and truck crops will be much higher next year because of the war and the national defense program? I could increase potato production but have lost money on potatoes in recent years.—P. L. J., Johnson Co.

It seems reasonably certain that business activity and consumer purchasing power will be higher next summer than it was this last summer. This should result in a better demand for truck crops. Prices of potatoes and

truck crops are sensitive to changes in supply. Statistics of acreages of such crops for next year are not yet available, but 1941 potato acreage in the South promises to be more than in 1940 and supplies of old potatoes are unusually large this winter.

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	\$14.00	\$12.85	\$11.40
Hogs	6.10	6.40	6.00
Lambs	9.75	9.35	9.10
Hens, 4 to 5 Lbs.	.11	.12	.09½
Eggs, Firsts	.22½	.21	.24
Butterfat, No. 1	.28	.26	.25
Wheat, No. 2, Hard	.82	.83	.87½
Corn, No. 2, Yellow	.59	.63½	.52½
Oats, No. 2, White	.35½	.31½	.39
Barley, No. 2	.48	.47	.50
Alfalfa, No. 1	15.00	15.00	15.75
Prairie, No. 1	8.50	8.50	9.00

ALIGHT snow powdered the grass and clung to the leafless trees. A faint cold wind set the few leaves on the bushes to quivering with a low rustling sound. A leaden sky added to the utter cheerlessness of an early March day.

Shivering, Tige, the huge lank police dog, paused and sniffed the air. Ears pointed alertly forward, he drew in short breaths of the cold air, and his gaunt sides, where the ribs were plainly visible, heaved with his labored breathing.

He was tired, he had been running, and he was hungry. Desperately hungry. The only food he had eaten in 2 days was one rabbit he had managed to run down. Twice, he had been shot at and for weeks, except for the rabbit, he had eaten almost nothing.

At last, satisfied there was nothing in sight, he squeezed between the wires into the neglected old orchard, trotted along the narrow path, limping slightly.

At the end of the path, he knew, there was a tank where he had been going for water. The old orchard with its unkept tangles of wild rose and blackberry vines drifted full of leaves, made an excellent place to sleep on cold winter nights and it was there he had caught the rabbit.

Tige was gulping the cold water noisily when a sound caught his ear. Startled, he leaped to one side and saw a woman approaching. He ran a few steps toward the sheltering trees and stopped to look. True, she did not seem dangerous, and he realized that she was saying something that sounded soothing.

At the same time, he felt fear mounting with every heartbeat. He remembered turning over a garbage can one evening at dusk while foraging for food, when someone opened a door and pointed something at him that made an explosive sound and caused a streak of fire to flame along his left hip. Without another pause he suddenly wheeled and ran, leaping swiftly over the frozen ground until his instinct told him he was well away from any possible danger. Panting, he finally lay down where a pile of leaves had drifted against a fallen apple tree and licked the snow from between his toes.

IT WAS late the following day when his thirst forced him back down the path to the water tank. He felt a little braver this time, since nothing had actually happened. Nevertheless, he paused as he came out of the trees to look around and sniff the air.

The house was visible from where he stood, and as he gazed at its bulky outline against the gathering dusk a light flared in the window.

He had a vague feeling that somewhere before he had lived at a house where smells and sounds were friendly. But that was before the huge truck had come and hauled away a great load of stuff and he, much against his will, had been forced to ride on the seat beside the driver to a place he had never seen before. While they were making a lot of noise and throwing things about inside the truck, he had snapped his leash and ran like a streak towards his old home, only to find his master gone. Since then, he had been straying farther away from his old home and growing more and more distrustful of those he saw, and especially of the people who saw him. Had he but known it, his very appearance was the cause of most of his troubles. Larger than most dogs of his kind, he was gray with a touch of black about the head. Starting at his nose and blending upward and above his eyes were 2 long streaks of black, giving him a most ferocious look.

Satisfied at last, he trotted across to the tank. Suddenly he sniffed audibly, and all his forgotten hunger assailed him once more. His nose assured him that food was there. Near the tank a plate of bones and broken bread had been placed, and he ate until he felt miserable. Only one piece remained, and this he carried away.

As the days grew longer he was not so often



ILLUSTRATED BY T. GUBA

hungry. He expected to find food at the tank, and now that he was stronger and somewhat fatter he found he was able to catch an occasional rabbit.

He had fallen into the habit of lying quietly in the shadows to watch the house and its occupants. He often saw the woman bring food to the tank, and one day he arose and followed her at a safe distance. She called to him, but once again he was afraid and ran away. Days followed, summer came and the sweet smell of growing things was in the air. Tige followed his new found friend from garden to barn and back once more to the garden. He liked to watch her doing something to the long rows of green appearing in the freshly turned soil. She often spoke to him and he found her voice pleasing. Gradually his fear was leaving him and he

openly stayed about the house, only to flee if someone slammed a door or made any unusual sound.

One day he discovered that he was not afraid of her at all and followed close upon her heels. When she stopped he gravely sat down and putting his head on one side offered his big paw.

Big, blond Jack Lang ran whistling up on his back porch and nearly stumbled over a huge dog.

"I scared your dog, Nellie. Where did you get him?"

"Oh, Jack." Nellie ran to the window. "I'm sorry you did that. He's a stray, and I've been months getting him tamed. He'd been hurt and I've been feeding him. Just a few days ago he came up to shake hands. He's been trained."

"Good looking dog."

"He's beautiful, but he doesn't like the baby. Sally Jo wants to play with him, but he doesn't like it."

"D'you suppose he'd hurt her?" Jack dropped his hat on a chair and shrugged out of his coat.

"No, at least I don't think so. He doesn't seem cross. I—" She stopped as a thin, shrill scream arose upon the still air. A cup slipped from her fingers unheeded and crashed upon the table. She raced for the door.

"That was Sally Jo [Continued on Page 18]"

Tige liked to watch Nellie work in her garden.



Many 4-H Clubsters Win Chicago Trips

TWENTY Kansas 4-H Club members have qualified as state champions which gives them the privilege of attending the National 4-H Club Congress in Chicago, November 30 to December 7. Those receiving these trips and the projects in which state championships were awarded:

Style Revue—Thelma Woodard, Shawnee county.

Best Groomed Boy—John Vawter, Thomas county.

Livestock Judging—Chase county—Arthur Burton, Ray Sheriffus and Billy Cooper.

Home Economics—Louise Parcel, Comanche county.

Home Improvement—Constance Underwood, Kiowa county.

Canning—Helen Ramsour, Geary county.

Foods—Bernice Keast, Pawnee county.

Sheep—Donald Welton, Franklin county.

Swine—William Parmely, Coffey county.

Conservation—Gene Swenson, Clay county.

Health—Louise Moore, Ellis county, and Junior Boyd, Finney county.

Poultry Judging—Geary county—Leonard Rago, Grant Poole and Billy Lichtenhan.

Meat Identification—Marion Mooberry, Sedgwick county, Beverly Sawhill, Sedgwick county.

Beef—Bernard Weller, Gray county.

Championships not carrying award trips to Chicago also included Wayne Ward, of Chase county, with his livestock project, and Irene Hotchkiss, of Butler county, in home beautification.

Winners of Santa Fe and Rock Island trips to Chicago include:

Rock Island

Club members and the projects for which they were awarded trips: Evelyn Manson, Lancaster, for baking and clothing; Ruth Eller Cress, Netawaka, for baking, clothing, and home improvement; Kenneth McCune, Benton, for baby beef, corn, and junior leadership; Densil Laclef, Hollis, sheep, baby beef, dairy, swine, corn, and wheat; Norma Jean Lembright, Dodge City, for clothing, home improvement, baking, and junior leadership; Faye Dillman, Heston, for home improvement, baby beef, baking, and clothing; Dorothy Henningsen, Mankato, for poultry, clothing, baby beef, and foods; Maxine Lindquist, North Topeka, for poultry, beef, corn, and junior leadership; John Hildebrand, Fowler, for sheep, swine, garden and junior leadership; Alma Kaiser, Phillipsburg, for canning, baking, home improvement, sheep, clothing, and junior leadership; Norman H. Barker, Pratt, for swine, junior leadership, and sorghum; Geneva Keesling, Sylvia, for canning, baking, home improvement, clothing, turkeys, and baby beef; Corabelle Stewart, Republic, for clothing and junior leadership; Helen Stagg, Manhattan, for junior leadership; Marie Hughes, Salina, for poultry, garden, potato, canning, clothing, home improvement, foods, colt and junior leadership; Lorraine Corke, Studley, for poultry, clothing, home improvement, baking, dairy, canning, sheep, swine and colt; Forrest Whitley, Perth, for poultry, wheat, swine, and junior leadership; and Dorothy Gibbs, Argentine, for clothing and junior leadership.

Santa Fe

Glen Arthur Wier, Hazelton, for dairy, baby beef, poultry, sheep and wheat; Dorothy Simmons, Ashland, for clothing, dairy, poultry, canning, beef, junior leadership, baking, swine, home improvement, sheep and baby beef; Helen Santala, Satanta, for poultry, baking, junior leadership, wheat, clothing and sheep; Edd Hull, Reece, for swine, baby beef, crops, gardening, poultry and sheep; Evleen Graham, Syracuse, for sewing, poultry, and baking; Henry Schlagel, Olathe, for poultry and

sheep; Marie Weathered, Norwich, for poultry, garden, baby beef, clothing, leadership, and baking; Raymond Sloan, Emporia, for poultry, garden, dairy, and junior leadership; Louise Tasker, Caney, for poultry, clothing, and baking; Adalyn Magner, Galesburg, for home improvement, poultry and canning; Earl Raymond Walker, Osborne, baby beef and swine; and Everett Dykes, Stafford, for swine, poultry, sorghum and garden.

European Wheat Crop Short

The 1940 European wheat crop, exclusive of the Soviet Union, is tentatively estimated at 20 per cent below that of 1939, the office of Foreign Agricultural Relations of the Department of Agriculture reports.

The greatest reductions are in Western, Northern and Southeastern Europe. The crop in those regions was affected by adverse weather during the fall seeding season, by the severe cold during the winter, by a late spring and, in some cases, by heavy floods. Generally disrupted labor conditions and military activities played a part.

As far as Western and Northern Europe are concerned, the reduced grain crops further intensify their usual wheat shortages and dependence upon imports. This is particularly true of Belgium, the Netherlands, and Finland. The crop in France, which is ordinarily almost self-sufficient, is believed to have been reduced.

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Every farmer interested in important cultivated grasses, will want to read and study the 34-page U. S. D. A. bulletin No. 1254, "Important Cultivated Grasses." It is designed to enable farmers and others to become familiar with the most important and most common grasses.

Another helpful publication on pastures is the Kansas Agricultural Experiment Station bulletin No. 271, "Pasturing Winter Wheat in Kansas." Kansas Farmer's Bulletin Service, Topeka, will be glad to send either or both of these bulletins free upon request.

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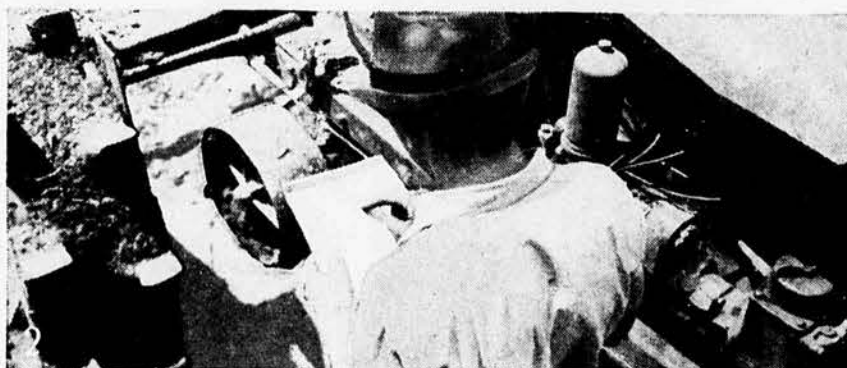
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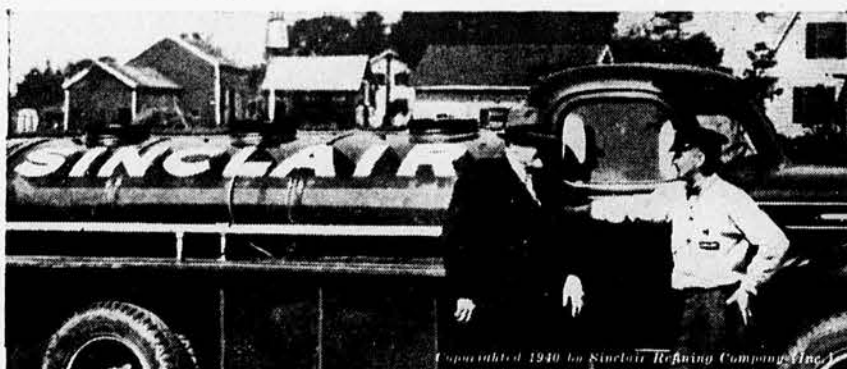
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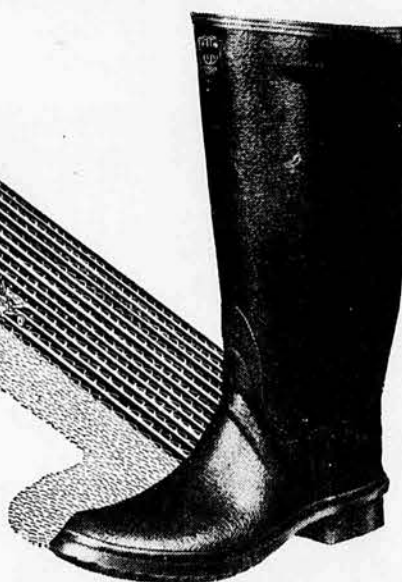
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TURKEYS A Surer Crop

By RUTH A. JOHNSON



Here are the Haug Brothers and some of their potential Thanksgiving dinners. Left to right: Donald, Adrian, Vincent, and Elwyn Haug. In front of the brothers are some of the young neighbor boys.

IT IS a beautiful sight to see several thousand turkeys in the mellow Indian summer sunshine with elegant plumage of green-gold gradually subdued into darker colors, on the farm of the Haug Brothers, of Vermillion. The toms take great pride in strutting their stuff and the hens are in a continual chatter all day long. Even though we have dual Thanksgiving days again this season, Haug Brothers will have an ample supply of plump gobblers to be roasted a delicious brown for the holiday festivals.

Several years ago Mr. and Mrs. Charles Haug turned over their poultry equipment to their 3 sons, Vincent, Adrian, and Elwyn. Originally the parents raised the Hollywood strain of White Leghorns and sold eggs to the hatcheries at Sabetha.

The sons were encouraged to take up turkey raising when diseases became more prevalent with their chickens and the crops failed in general. Vincent asserted, "Drouths, grasshoppers and chinch bugs will not affect our turkeys, but they will take our corn." So from a small and careful beginning the Haug Brothers ranch has grown to be one of the largest turkey ranches in Northeast Kansas.

In 1937 they started out with 100 turkey hens and hen-hatched their poults. It was somewhat of an experiment. They figured cost of feed and fuel for every poult. They still do their turkey business by keeping records of expenses and profits. Haug Brothers know how much it costs to raise a bird for the market and what the net profits will be when it is sold. All guesswork is removed by keeping daily accurate reports.

The following year they sold hatching eggs to a Marysville hatchery and custom-hatched their poults. The flock increased to 1,400 poults. For the next 2 years they continued to sell to this hatchery and also supplied setting eggs to many special orders given them. The last 2 years they have raised nearly 5,000 matured turkeys each year.

Another brother and his wife, Mr. and Mrs. Donald Haug, teach their respective schools near the Nemaha State Lake during the school year. When the term of school closes in the spring, they rent a vacant farm home and spend their vacation raising 1,000 turkeys.

Haug Brothers specialize in the Mammoth Bronze variety of turkeys. They also have a small pen of Bourbon Reds for experimentation. The fertility of the eggs are from 80 to 90 per cent, and the hatchability is from 70 to 80 per cent. The poults are reared on a scientific basis, and cleanliness

and sanitation are the first steps taken by the Haugs in promoting a healthy and vigorous flock of poults and grown birds.

They now operate more than 10 brooder houses, all equipped with the modern oil brooder stoves. Sun porches are used in early spring for poults to run on. When poults are 8 weeks old, they are moved to the shelter houses and given more range. The poults are started on a commercial feed, and when about 3 weeks old a fine scratch grain is also fed them. As they grow older the commercial feed is fed in pellet form.

They drink 2 truck tanks of water a day in summer, and in winter 1, or 350 gallons, daily. Together with pellets and grain feed they are now fed condensed buttermilk for fattening the birds for market. This milk is hauled in large trucks from the condensery at Sabetha. The birds are sold thru a large produce concern in Kansas and Nebraska. Many of their birds sold last year for \$4 apiece.

Bank Sells More Farms

Several factors are responsible for the pick-up in the number of purchases of land bank farms, Roy S. Johnson, president of The Federal Land Bank of Wichita, said recently. One of the important reasons is the increasing interest that investors are showing in farm land as a safe and secure place to put their money. Of course, Johnson said, moisture conditions generally over Kansas are more favorable than they have been for a number of years. This has been most encouraging to farmers.

Farmers and investors have purchased 469 Kansas farms from the Federal Land Bank during the first 9 months of this year for a total consideration of \$1,642,043.41.

Free Calendar

Here's your chance to get a beautiful free calendar for the coming year of 1941. The illustration is a modernistic, natural color photograph, in which vivid red, yellow, and blue colors predominate. The 7-by-10-inch 1941 year book and calendar, put out by the Minneapolis-Moline Company, makes a handy reference as well as an attractive decoration for the walls. To get one free for your home or office, write a card to Farm Service Editor, Kansas Farmer, Topeka.

KANSAS MAN FOURTH

In Big National Husking Contest



In the weighing pen just after the closing bomb, Lawrence House, of Goodland, left, relaxes in front of his record breaking load. His net weight of 42.03 bushels exceeded the old world record and was high enough to rank fourth in the 1940 National Contest. Kenneth House, right, Lawrence's brother, and the 1940 Kansas champion, husked 38.54 bushels to rank 13th in the national competition.

HUSKING 42.03 bushels of corn in 80 minutes, Lawrence House, of Sherman county, Kan., broke the previous world record and placed fourth in the 1940 National Corn Husking Contest, held recently near Davenport, Iowa. In competition with 21 other champion huskers from 11 Corn Belt states, Lawrence and his brother Kenneth, the 1940 Kansas champion, matched speed with the nation's fastest huskers before a crowd estimated at more than 150,000 persons.

As judges tallied weights of the different loads, Lawrence's load was the first one tabulated which broke the previous record of 41.52 bushels, husked by Elmer Carlson, of Iowa, in 1935. Mr. House gathered a total of 3,010 pounds, but 68.1 pounds were deducted for corn left in the field, leaving a total still above the 42-bushel mark. This means he gathered more than 1/2 bushel a minute throughout the contest.

However, as later tabulations were announced, 3 other huskers came up with scores above the old world's record. Irvin Bauman, of Illinois, claimed the national title with a load of 46.71 bushels. The slender husker was champion of Illinois in 1935 and again in 1938. Each of those years, he placed second in national competition. While winning the title this year, he pitched an average of about 60 ears a minute throughout the entire 80-minute battle. Bauman, who is 27 years old, is a renter on an Illinois farm. He is married and has a 3-year-old son.

Close behind in the contest at Davenport was Marion Link, the Iowa champion, with a load of 46.36 bushels. Ivy Carlson, the Iowa runner-up, was third with 44.97 bushels, and Ecus Vaughn, 1940 Illinois champion, was fifth with 41.62 bushels.

Kenneth House, the 1940 Kansas champion, ranked 13th, with a net load of 38.54 bushels. The two House brothers come from a family of expert huskers. Lawrence won the Kansas title in

1933, 1935, and 1939. As defending state champion, he was defeated only by his brother, Kenneth, in the Kansas contest, held in Washington county last month.

The 1940 national contest was held in hybrid corn, estimated to yield about 90 bushels an acre. Each contestant husked in a separate, fenced land, with rows so arranged that spectators could watch the action from outside the fenced enclosure.

Dairymen Promote Milk Use

A fund of about \$290,000 has been raised for the national dairy products advertising campaign in the states of Iowa, Washington, Wisconsin, Montana, Minnesota, and North Dakota. This money was collected by legislative acts in Iowa and Washington, and by voluntary signed membership agreements in the remaining states. Kansas, along with several states, is now planning on legislation to collect its share of this gigantic advertising program to increase the use of dairy products. This program is being directed by W. H. Olson, field representative of the American Dairy Association.

Dean Heads Farmers Union

E. K. Dean, Beloit, was elected president of the Kansas Farmers Union at its recent meeting in Parsons, succeeding John Fenge, Lincolnville, president the last 2 years. P. J. Nash, Ellsworth, was elected vice-president, C. M. Yocum, St. Marys, delegate to the National convention, and John Scheel, doorkeeper.

The convention adopted a resolutions committee report indorsing the water conservation, commodity loans, and crop insurance provisions of the AAA program, but criticizing use of the AAA "in some places to build political fences." Lindsborg won the 1941 convention without contest.



Bob Feller, left, star pitcher for the Cleveland Indians, was on hand to congratulate the 1940 national corn husking champion, Irvin Bauman, center, of Illinois. Bauman, who husked 46.71 bushels in 80 minutes is shown as he received the trophy and cash award presented by Arthur T. Thompson, right, associate editor of Wallace's Farmer.

"I recommend the Ford Truck to any one wanting a good truck to do a lot of hard work"

EDWIN HARRIS, farmer near Ririe, Idaho



● "We average 11.5 miles per gallon on our Ford Trucks which is better than we have ever done with other equipment. The Ford Trucks help us and our neighbors get good prices for our crops and we consider the Ford Truck the best truck a farmer can buy." *L. C. Bryant, Lisman, Ky.*

● "If you don't think those Ford Trucks can step out with a big load, you should come around sometime and with them leave the gin or the field with cotton, hay, corn or something piled on." *R. V. Segars, Sumter, South Carolina*

● "We have just received delivery on a 1940 158-in. C.O.E., with a 95-hp motor. This is the fifth (5th) Ford unit that I have purchased and feel sure that it is the most economical truck on the market. I like the power, handling and riding comfort, also the Ford Engine Exchange Plan. It is a great saving in time and money to have a new motor installed with so little loss of time at a nominal price." *Robert V. George, Circleville, Ohio*

● "The 1940 truck recently purchased is the finest I have ever had, and several tests under heavy load have shown that I am getting better than 10 miles per gallon.

"During the past six years, I have purchased several trucks of other makes, but my experience with these units, both from an operating and service view-point, have caused me to come back to Fords, and at present all my trucks and passenger car are 100% Ford." *Goebel R. Adams, Hopkinsville, Kentucky*



Try the new 1941 Ford Truck, even if you're not ready to buy one right now. Arrange for an "on-the-job" test with your Ford dealer. Take the truck and haul your own loads on and around your own place. Then you'll know exactly what Ford Truck owners are talking about when they mention *performance* and *economy*. Ford Motor Company, builders of Ford V-8 and Mercury Cars, Ford Trucks, Commercial Cars, Station Wagons and Transit Buses.

FORD TRUCK FEATURES FOR 1941

Two V-8 engines, 95 and 85 hp • Six wheelbases, 42 body and chassis types • Full-floating rear axle • Worm-and-roller steering • Straddle-mounted driving pinion, ring-gear thrust plate • Big hydraulic brakes • Factory-installed two-speed rear axle (optional at extra cost) • Ford Engine and Parts Exchange Plan to save time and money.

FORD V-8 TRUCKS

Worm YOUR BIRDS WITHOUT Toxic After-Shock

ROTA-CAPS

KEEP THEM ON THE JOB

No lay-off — no nest desertion — when you use Rota-Caps containing Dr. Salsbury's exclusive new drug—Rotamine.

TEST PROVES IT

Tests on growing birds and layers; before, during, and after worming with Rota-Caps, shows conclusively that they:

- DON'T SET BACK GROWING BIRDS
- DON'T KNOCK EGG PRODUCTION

Rota-Caps do their work quickly and effectively, expelling large round worms, capillaria worms, and these tapes (heads and all): R. tetragona, R. echinobothrida (in chickens), and M. lucida (in turkeys).

Get Dr. Salsbury's Rota-Caps from local dealer. If he can't supply you, order direct, including check or money order, from:

Dr. Salsbury's Laboratories
Charles City, Iowa

Prices: Pullet: 100 caps 90c; 300, \$2.50; 1000, \$8.00. Adult: 100 caps \$1.35; 200, \$2.50; 500, \$5.00; 1000, \$9.00.

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THE ONLY WORM TREATMENT CONTAINING Rotamine

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DUPLEX CONSTRUCTION CO., Dept. 21 and Locust Street Dept. 9, East Omaha, Nebr.

Kansans Learn About Broilers

ARKANSAS has built up a reputation for its winter broilers, and they are in strong demand on the Chicago market. For that reason 4 men from Cowley county, Kansas, went to Arkansas to investigate and bring back information that might be of use in their own section. The 4 men were: Al Wilson, sanitary officer; Arthur Gorker, Wyandotte breeder; William Rector, feed dealer and hatcheryman; and T. C. Farris, vocational agriculture instructor of the Arkansas City schools.

Nearly 1,000 attended the recent fourth annual Broiler Round-Up, at the Bob Sharp farm near Lowell, Ark.

Charles Dodd, marketing specialist from Fayetteville, Ark., informed the producers that Arkansas broilers should not be sent to Chicago before January 10. The Corn Belt roasters are plentiful and cheap previous to this time. The holiday market prefers large birds, and the 3-pound broiler is not profitable at this season.

Bob Sharp, local Wyandotte hatcheryman and host to the Round-Up, discussed cost of production. "Three-pound broilers are being produced at a cost of 42 cents," he said.

More than half of the broilers produced in the 2-county broiler area are White Wyandottes. The other half are White Plymouth Rocks and Barred Plymouth Rocks. Mr. Sharp has produced a rapid-growing strain of White Wyandottes. The birds are larger, meatier and quicker growing than the egg and dual-purpose Wyandottes of the North. They have been developed with the meat type in mind.

Arkansas broilers are never taught to go on roosts, but remain on the brooder house floor until sold. The Arkansas brooder house is 14 by 16 feet in size. Much larger than 10- by 12-foot brooder houses recommended in some states.

This unusual brooder house sells for about \$50 F. O. B. Springdale. The house is exceptionally well ventilated,

a factor which aids in growing healthy birds.

A special ration is manufactured for the broilers of Northwest Arkansas. They receive a balanced ration of high-quality feed which gives the proper finish to produce No. 1 broilers.

Topography of the broiler area is gently rolling to steep. Rains wash the yards frequently, which aids in sanitation. Much of the success of the broiler project can be attributed to Mr. and Mrs. Bob Sharp, of Lowell, who assist the producers at all times. The state college and feed specialists also assist in many ways.

A Trick on Lilies

For earliest bloom—Easter lilies were blooming at Beltsville, Md., in October this year—the bulbs must be grown in fields in the deep South. In a greenhouse in the fall makes it practical for florists to offer Easter lilies to rival chrysanthemums for Thanksgiving. Modern refrigeration and air conditioning as adapted by the Bureau of Plant Industry offer a basis for a new bulb-growing industry to supplant part or all of the 3 million dollars worth of Easter lily bulbs that florists have been importing from Japan.

A short artificial winter in midsummer followed by a springlike season in Louisiana, Easter lily bulbs can ripen early in July. By digging then, and storing the bulbs at 50 degrees for 5 weeks, the bulbs go thru a mild "winter" in the dog days. They are then ready for potting in August and for growing in the greenhouse with tem-

perature controlled to provide an artificial spring.

For greenhouse forcing later in the winter, bulbs can be produced farther north—in North Carolina or in the Pacific Northwest—and still allow for ripening and cold treatment. The Beltsville tests show that the domestic bulbs have nearly twice as many fall and winter blossoms as most of the imported stock. They can also be kept free of disease, making the plants more vigorous. Early bloom, as promoted by the new Beltsville method, makes these lilies particularly valuable to florists.

Turns Scraps Into Rugs

Making hooked rugs is my hobby. I have made 92 of varying sizes, from chair seat size to some 5 feet by 4 feet, in the last 15 years.

Many kinds of rugs are being made now-a-days, but a hooked rug seems so much more valuable than some thin thing made of cotton in a few hours. Many days' time goes into the making of a good hooked rug, and busy hands do not get into mischief. There is a great fascination to me, in planning a design and then following it thru to completion.

I think I first made them because something so pretty and useful could be made from clothing after it is too worn to longer be useful. Wool cloth, raveled yarn and silk that is not too easily split make the best material unless one can afford to buy yarn, which does not make a rug that is so much prettier.

I always have a few rugs for sale; \$200 worth have been sold. I have "swapped" for new dresses at a shop and they have made wedding gifts.—Mrs. Frank Carson, Smith Center.

New Play Full of Laughs

By LEILA LEE

IF IT gets any hotter in here, I can cut the heat with this knife!" Mrs. Taylor tells the hired girl, Abbie. It's a hot, summer afternoon, and Abbie and Mrs. Taylor are canning fruit in the kitchen of the Taylor home.

"I declare it's hot enough to make a body faint!" Abbie replies, mopping her forehead.

Her remark makes Mrs. Taylor, or Mom, confide that she has 2 life-long ambitions—to faint and fly. Abbie helps promote the faint, and for awhile it looks like both Mom's desires are going to be realized. But alas! Mom learns to her regret, that because she did such a good job of pretending the first, it prevents her from carrying out her second ambition.

That's the plot of the new 1-act comedy, "Angel Without Wings." It's chock-full of laughs, and it's one of those simple, homey plays that is easy for amateur groups to present in their best style. There are 10 characters, 5 male, 5 female. The time for presenting the play is about 20 to 25 minutes. This comedy is adapted by Leila Whitlow and Cecil Barger from the short story by Clayte Holloway Whitten, "Get Thee Behind Me, Roses," which appeared recently in Kansas Farmer.

If you'd like a copy of this play, we shall be glad to send one for 10 cents to cover mailing costs. Or if you wish enough copies so that each character and the director may have one, we will send 11 copies for 35 cents. Address your request to Leila Lee, Kansas Farmer, Topeka.

Teddy Does Tricks

My favorite pet is a pony colt named Teddy. I have lots of fun playing with him, and he will be useful when he is old enough to ride.

I taught Teddy several tricks when he was little. He learned to shake hands with both front feet and to stand on his hind legs and walk. He ate oats out of my hand when he was a week old. He likes to eat sugar, too. I taught

him to lead when he was 2 weeks old. I used a rope halter and when he got tired, he would chew the rope. After I break him to ride, I will go after the cows on him. I can ride him to do errands and to carry water to the field at harvest time. These are the reasons why Teddy is my favorite pet.—Waldo Robinson, 10, Colony. (\$1 prize.)

Club Plants Trees

Members of the Monmouth 4-H Club, Crawford county, chose tree planting as their conservation project. Two hundred trees were obtained from the Hays Experiment Station—100 Red cedars for windbreaks and 100 Chinese elms for woodlot planting. The trees were planted early this spring in rows. After a period of 2 years, the trees will be transplanted to permanent locations. Leaders who helped obtain the trees were Richard L. King, Crawford county 4-H Club agent, Girard; G. A. Mullin, leader of the Monmouth 4-H Club, McCune; and Wayne Good, junior leader of the Monmouth Club, McCune.

Select Material Early

It isn't rushing things a bit to select now a children's play for the Christmas entertainment which will be held at school, church, or club. The sooner the play is chosen and parts given out, the better opportunity the children have of presenting a successful play. Perhaps the little playlet, "Why Holly Has Green Leaves," may be what you are looking for. This is a jolly little play, full of Christmas spirit, which has short parts for several children. Send 5 cents with your request for a copy of the play, to Leila Lee, Kansas Farmer, Topeka.

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LOOK FOR THE RED BALL

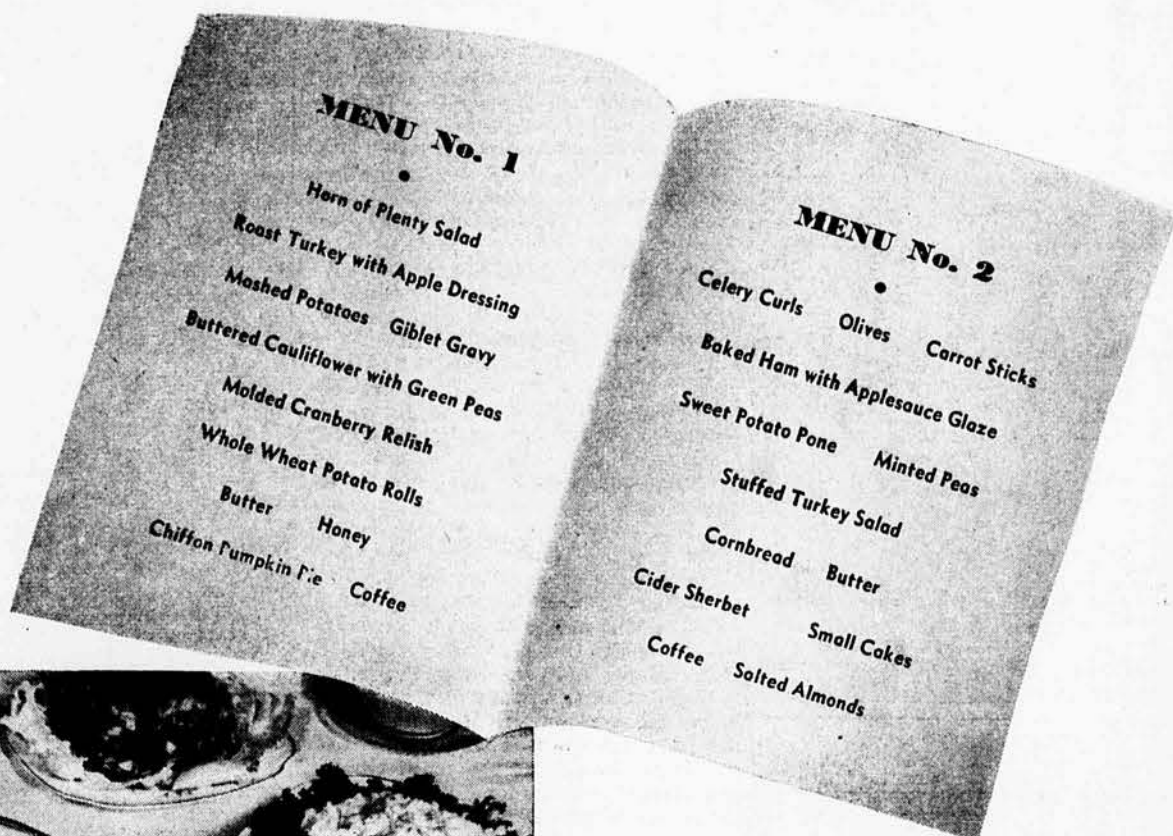
BALL-BAND



Thanksgiving Tips

A GOOD share of the day may be spent at football games, or on long jaunts along white-ribboned highways, but we can't do away with the Thanksgiving dinner. It's the highlight, the peak of this All-American holiday, one of the greatest of institutions in the American home. Nor would we have it otherwise. All too often, however, the brunt of the affair falls upon the willing shoulders of the cook, leaving her so weary that she cannot enjoy her guests or the activities of the day. So let's plan the campaign and advance with a bit of strategy. Pre-cooking and day-before-molding are only 2 of the aces in our bag of tricks guaranteed to lighten the peak load of the holiday.

It matters not how formal and modern we may be the rest of the year, when Thanksgiving rolls around, we adore reviving those old-



Today, as in the time of the Pilgrims, only turkey and pumpkin pie gives the true spirit to the Thanksgiving Day meal.

fashioned traditions born on that first Thanksgiving Day in New England in long-ago 1623. The first contribution to the success of the Thanksgiving dinner is, of course, an appropriate background setting. So away with damask and lace and bring on the gayly-checked gingham, bright crash and rough linens. If you have a set of colorful new pottery dishes your table will indeed be handsome. Can't you imagine a bright orange cloth with luscious fruit centerpiece and brown, yellow and red leaves scattered hit-and-miss fashion amid gay pottery dishes? So effective, so easy!

And now for the centerpiece. One of the loveliest I've ever seen had no tray or bowl. Curving bananas, fairly uniform in size, were arranged in an oval shape, stem end down, and filled with shiny red apples, golden pears, bright oranges with white and red grapes spilling over and between the banana fingers. It was banked with deep green parsley and dotted with bright red cranberries. Flanking this masterpiece on either end were candles placed in low candlesticks which were deftly hidden with clusters of light and dark grapes. Edible turkey favors lent their bit of holiday atmosphere to the table. A large licorice gumdrop served as the body, a small one on a toothpick for the head. Then toothpicks were stuck in the body fan-fashioned for the tail and topped with multi-colored gumdrops for the plumage.

Next comes the turkey—juicy and golden brown. If it can be refrigerated, do dry stuffing your bird the second day before Thanksgiving, pack it in lightly to allow for expansion in cooking and truss it well. You'll be delighted with the rich full flavor of the dressing. This extra time really gives flavors a chance to "mingle and merge." A bit of dressing between the breast meat and skin results in a distinctly delicious flavor and a moist quality of the breast

meat—worth the extra trouble it can be. This bit of dressing should be put in before the body cavity is filled. Simply cut a small slit in the skin at the base of the neck near the breast, then loosen and pull the skin away from the flesh. Insert a layer of dressing about one-fourth of an inch thick, then close the opening with toothpicks. A dressing rich in shortening should be used.

Twice-cooking the turkey is another trick recommended to ease the last-minute rush. Roast it about two-thirds or three-quarters done the day before, leave it stand until the next day (not refrigerated) and finish cooking Thanksgiving Day. Turkey thus cooked enjoys the full flavor of the dressing, and carving is facilitated. When you are ready to roast the turkey, rub the outside of the bird with melted fat (avoid salt as it tends to blister the skin) place on a rack in an open pan and cook in a slow oven, 300 degrees F., for small turkeys, and 275 degrees for turkeys weighing 15 pounds or over. Weigh the turkey after stuffing and allow time per pound as follows:

6-10 pounds	20-25 minutes
10-16 pounds	18-20 minutes
18-25 pounds	15-18 minutes

Turkey roasted in a heat-controlled oven needs little attention, but an occasional basting with the pan drippings helps insure moist meat and good browning. Covering with a white cloth dipped in oil or melted fat prevents too rapid browning of breastbone, wings and legs.

Both the menus suggested were designed with the idea of keeping last-minute preparation at a minimum.

Horn of Plenty Salad

Wash large pears, leaving on stem. Cut a diagonal slice from top of blossom end and

By MRS. ZOE NIELSEN

scoop out center, making pear resemble a horn. Dip in lemon or pineapple juice to prevent discoloration. Place on crisp lettuce and fill with canned fruits, cut in small pieces, arranging in tumbled fan shape at the end. Serve with mayonnaise.

Apple Dressing

1/4 cup minced onion	4 cups toasted whole wheat bread crumbs
1/4 cup butter	2 cups chicken broth
2 cups chopped apple	1 teaspoon salt
1 cup chopped celery	Few grains pepper
1/2 teaspoon sage	1/4 teaspoon thyme

Brown onion lightly in butter; add apple and celery. Stir into bread crumbs moistened with the broth. Add seasonings. Mix thoroly.

Molded Cranberry Relish

1 package lemon-flavored gelatin	4 cups cranberries
1 cup hot water	1/4 cup finely chopped celery
4 tablespoons sugar	1/4 cup horseradish

Dissolve gelatin in hot water; add sugar. Cool. When mixture begins to congeal, fold in cranberries, which have been run thru food chopper, celery and horseradish. Pour into mold rinsed in cold water. Chill until firm.

Whole Wheat Potato Rolls

1 cup milk	1/2 teaspoon salt
1/2 cup butter, melted	1 cake compressed yeast
1/3 cup honey	2 cups sifted white flour
1/2 cup mashed potatoes	1 egg
2 cups whole wheat flour	

Scald milk, add melted butter and honey and stir until honey is dissolved. Add mashed potatoes and salt. Cool to lukewarm. Add crumbled yeast; stir until yeast is dissolved. Stir in 1 cup flour; beat until smooth. Add well-beaten egg and mix well. Add remaining flour; mix well. Knead until smooth and elastic. Let rise until double in bulk. Punch down. Place in well-oiled bowl, lightly oil top, cover and store in refrigerator. When ready to use, punch down, let rise in warm place 30 minutes then shape into rolls. Let rise until very light. Bake in hot oven, 400 degrees F., 20 to 25 minutes.

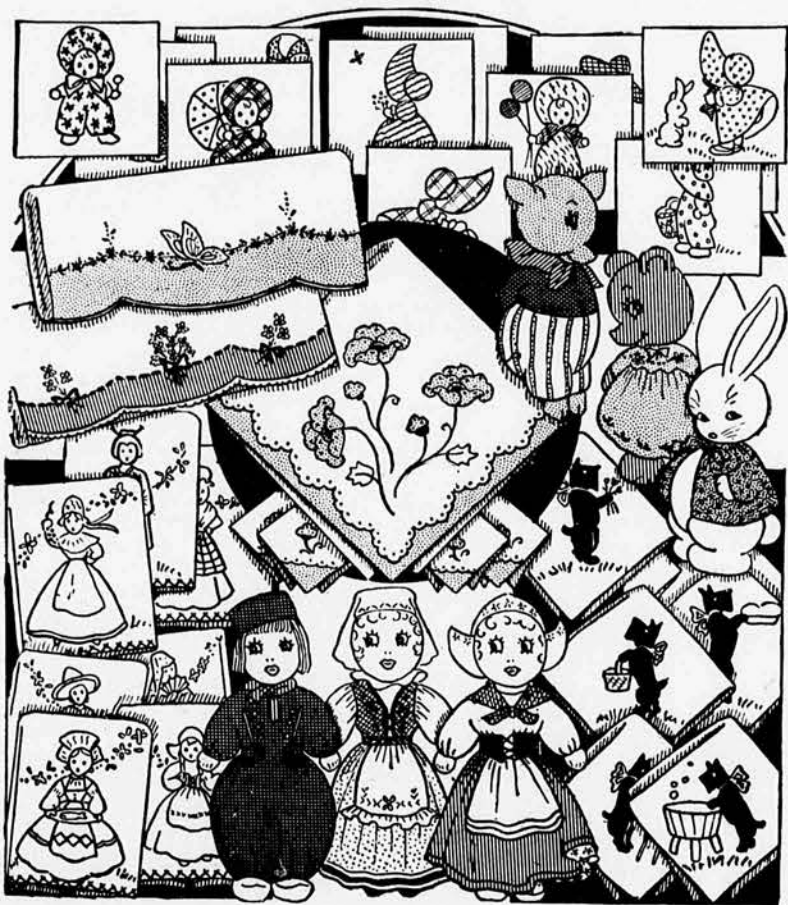
Baked Ham (With Applesauce Glaze)

Place ham, fat or skin side up, on a rack in an open pan and bake uncovered in a slow oven, 300 degrees F. until it is done. One hour before it is done, remove from oven, score fat in diagonal lines and cover with 1/2 cup applesauce and 1/2 cup honey heated together. Return to oven to finish baking. [Continued on Page 14]

Ka

Gift and Bazaar Time Is Upon Us

POPULAR AND PROFITABLE IDEAS



THE most thrilling of all seasons is approaching—gift and bazaar time. With these marvelous new designs to help, you'll be pleasantly surprised with the many things you may make so easily. The never-failing scrap bag may contribute much of the material. First, let's make a crib quilt, 12 blocks fascinating to childhood, to be appliqued from prints or done in outline. Two pairs of pillow slips make gifts that are always acceptable. The appliqued poppies may be used on luncheon cloth or napkins, breakfast set or on the kitchen curtains. For the children there are the 3 cuddle toys. Using just the head of the designs these will also make pan holders. The

3 dolls in authentic costume are sure to be in demand.

The most popular item for either gifts or the bazaar, of course, are the tea towel designs for each day of the week. So here you find 2 outstanding designs: girls in native costume from many lands with 2 pan holders and the jovial Scotty at the daily tasks with an appropriate pan holder.

As a collection you make a big saving for all of these come as number C8707 for only 25 cents. Since these are Numo hot iron transfers you can make several stampings of each. This bazaar collection may be ordered from Kansas Farmer's Needlework Service at Topeka.

The Importance of Pictures

By MABEL WORTH

PICTURES make or mar the artistic success of our homes. Just as the dress accessories a woman wears may complete her costume beautifully, or ruin the whole effect, so may the pictures we hang on our living room walls add a pleasing touch, or detract most unfortunately.

Perhaps the 2 most common errors made in picture decoration are, hanging too many pictures on the walls, or too wide or mixed a choice in subjects.

Many persons have a special admiration for pictures and proceed to purchase every lovely one they see or would like to possess. And so gradually as new ones are added, their walls become veritable art conglomerations.

Oddly enough many folks believe, too, that better pictures must necessarily be expensive. But this is not true today. We may all own prints or copies of fine pictures at very little cost.

We must remember the frame should harmonize with the picture. If one does not feel capable of choosing the right frame, the art catalogs are dependable guides, or the picture framing shop will gladly lend assistance.

Many families do a bit of home photography with a kodak and find excellent subjects among their snapshots for enlargement and framing for home use. Nearby, you have perhaps a beautiful scene all ready for capturing—an unusually beautiful tree, a glimpse across a lovely valley, a river bend, or

perhaps a pretty nook on the home place.

Then, grouping of pictures is interesting. If your pictures are not too large, groupings of 3 each make a nice decorative scheme.

Of course, we all know our pictures should be hung at eye level, or to form a pleasing group when arranged over a large piece of furniture. We should hang the picture flat to the wall, with 2 wires secured to 2 screw eyes on the back of the picture, and 2 picture hooks, which does away with the triangular wires once considered a good hanging method. The straight wire style follows the lines of picture and wall, making for uniformity. With small pictures they may be hung with invisible screws or tacks.

Family portraits and enlargements are not interesting to casual visitors, may even be depressing, and so are better hung in bedrooms, or more private rooms.

The color in a picture is an important point in interior decoration. If one has highly decorative wall paper, one should see that the color or design in the picture itself does not conflict with that of the wall paper. A highly colored picture may lend just the proper color note for an otherwise dark portion of the room. Then repeat the colors in curtain materials.

For children's rooms excellent pictures may be adapted from those found

in magazines. They may be placed on a background or mat of heavy art paper, and these pictures grouped on the wall of the child's room—low enough for his eye to see. They are easily removed and new ones hung up, as the child outgrows the subjects.

Choosing pictures for gifts for our friends is not to be recommended. Unless you are very sure of the tastes of a friend, and quite familiar with her rooms and what her decorative motif may be, it would be wiser to forego the pleasure of giving pictures.

Sensible Shower

By JEAN CHRISTNER

Not long ago I attended a shower for a bride, and I thought it one of the most sensible I've ever seen. Each of the 14 guests brought foods to stock the bride's emergency shelf, and I am sure she appreciated these much more than linen tablecloths, crystal water sets, and other things which are sometimes put away and seldom used. I know one bride who has never had a chance to use the expensive crystal goblets her girl friends gave her.

At this food shower there were glasses of lovely jelly, pint jars of peaches, raspberries, rhubarb and plum butter, tins of vegetables for salad, and canned meats.

It was a kitchen party with crepe paper aprons for everyone, and the menu was creamed chicken, a salad, coffee, and an icebox pudding.

Besides the food gifts there were aprons, holders, recipe books, and little gadgets for the kitchen.

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NOW I HAVE MY
WHOLE AFTERNOON
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FIRST...Pump With Morton's Tender-Quick

Mix Tender-Quick with water to make a mild, fast-curing pickle. Pump this pickle into hams and shoulders around the bones. That begins the cure INSIDE before taint or souring can start.

ASK YOUR DEALER for these famous products—See them, smell them—get that rich, wood-smoke fragrance. This year cure meat the Morton Way.

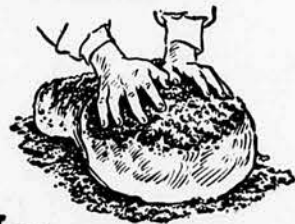


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How to cure ham, bacon, corned beef, etc. Fully illustrated. Ask your dealer for a copy, or write, Morton Salt Co., Chicago, Ill.

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THEN... Rub With Morton's Sugar-Cure

This rich, honey-brown Sugar-Cure contains salt, sugars, spices and other curing ingredients. It strikes in fast, from the OUTSIDE, and as it cures gives meat a delicious wood-smoke flavor.



TWO 4-H HUSTLERS BUILD FOR A FUTURE

By RUTH McMILLION

THIRTY prizes from 36 entries at the Clark County Fair was the record this fall of Dorothy Simmons, 16, and her brother Edward, 15, of Ashland. Both, ardent 4-H workers, had not only a monopoly on the blue ribbons at the fair, but received a nice sum of money for their trouble besides.

"Champ," Edward's Hereford steer that won the grand championship at

groomed boy and this year, besides winning a lot of county prizes, he brought home from the state fair 4 ribbons, cash prizes, a gold medal from the state 4-H Club office, and a billfold from the fair association at Hutchinson.

Edward is not only active on the farm and in 4-H work but this year in high school he was elected president of the sophomore class.



Dorothy and Edward Simmons, of Ashland, both have projects in almost everything from biscuits to beef cattle, and they are unusually successful in all of them. Borrowing money 5 years ago for a calf, they now have livestock valued at \$748.

the county fair, was really an outstanding winner and proved this fact by taking the grand championship at the Kansas State Fair at Hutchinson a month later. Dorothy's steer which was reserve champion at the county fair took 3rd in its class at Hutchinson.

But winning prizes and ribbons and having grand champions at the state fair is not just a happen-so. It is the result of months of careful planning and of hard work.

This year their entries for the county fair filled 3 cars, 2 trailers, and 1 big stock truck. For the last 11 months they had been preparing them.

They had so many exhibits for the fair that they started 3 full days before the fair to prepare them for the show. There were jars of fruits and of vegetables, jars of juices and of meats, all to be wiped off and shined. Dresses, bedspreads, and fancy work to be pressed. Notebooks to be brought up to date. Samples of green feed to be gathered and tied and, too, a complete set of bedroom furniture to be wrapped for the journey.

There were pigs and chickens to wash. Briers and burs to be pulled from the sheep, and dairy stock to be groomed. The fat steers were soaped and rinsed, then curled to perfection.

It was a job. But the final grand rush at the last won the race they had been running since October, 1939, when Edward first purchased his championship steer. Dorothy didn't buy hers until December. Cattle are the favorite projects of both Dorothy and Edward, and they enjoy working with them, caring and feeding them in a co-operative way. When Dorothy is away Edward attends to her stock, and if Edward is gone or in the field, Dorothy attends to the feeding. The calves are fed regularly 3 times a day, not only a well-balanced grain mixture, but are given a serving of hot cooked barley over which is poured blackstrap molasses. The calves are fond of this and will scarcely eat without it.

Edward, for one of his projects, has planted 18 or 20 acres of sorghum feed. This he uses as feed for his cattle. One year, for something different, Edward took cooking and his muffins won over those of all the girls at the county fair. He has been judged best-

One project Edward and Dorothy carry out together. That is the one on home beautification. Each year they do something around the farm home to make it more attractive. First, they put a fence around the yard; the next year they planted trees; then they put Bermuda grass in the back yard and now it has been added to the front.

Dorothy's hobby is collecting horses. Artistically arranged thruout the Simmons home are the porcelain horses, china, ivory and glass horses that Dorothy has collected from various places of interest.

One unusual incident in regard to her hobby occurred when she read of Mrs. Victoria Dreyfus, the largest breeder of Percheron horses in the world. Mrs. Dreyfus lives at Brewster, N. Y., and Dorothy wrote to her and told her she was interested in horses and mentioned reading the article concerning her. Immediately Mrs. Dreyfus, who has spent a great deal of her time in France, sent Dorothy a beautiful miniature French Percheron horse made of porcelain.

To show her appreciation Dorothy bought a little horse, a souvenir of

Dodge City, Kan., and sent it to her. Mrs. Dreyfus was overjoyed and told Dorothy in reply that she had seen the movie "Dodge City," and was much pleased to receive a souvenir from that city.

One of Dorothy's outstanding projects is her bedroom furniture which she designed and for which she purchased the wood of knotty-pine herself. Her 4-H conservation leader cut the 5-piece set out and put it together for her; then she worked it down and did all the finishing and painting. The complete bedroom set of 5 pieces, finished and painted, cost her only \$22.

One year for being the county style review champion, Dorothy won a beautiful gold pin. Another gold medal award was won for being beef champion in 1938. Edward has won it every year since. A gasoline iron was another prize for being county home improvement champion. Dorothy has been on the winning county championship demonstration team and the winning judging team for the last 4 years.

Dorothy's projects cover everything from home economics to livestock. One would think she would have little time left for things other than 4-H work, but this summer she was sent as a delegate to Camp Wood as one of the high school Girl Reserve cabinet.

Both Dorothy and Edward are required to keep a record of all their projects, both from the practical and the financial side, and this in itself is wonderful training. At the end of each year these records are sent into the state office and judged. This year Dorothy is trying for the state record championship and, after seeing all the pictures, ribbons, records and financial statements that she had compiled, it will not be surprising if she wins.

Dorothy and Edward get a lot of

encouragement at home. Mrs. Simmons is an active sponsor of 4-H work and Mr. Simmons is interested and willing that the children exhibit when and where they should and co-operates with them in their efforts.

When discussing the advantages of 4-H work Mrs. Simmons proved to me that it certainly is a paying and worthwhile undertaking.

Five years ago the 2 children themselves borrowed the money to buy their first 4-H calf. Since that time they have not only paid for it, but have sold enough 4-H stock to buy them a car to drive to high school, which is 16 miles away. Not only have they managed for the car, but helped defray their expenses by hauling 2 extra youngsters to school with them.

Dorothy paid \$75 of her money plus her old violin for a new one and bought herself a \$40 clarinet. They buy their clothes now and finance their trips wherever they go. Their 4-H stock has more than paid for its cost and feed, and the children have always realized a profit, which they generally take to buy more stock for breeding, or 4-H work.

In the 5 years the two have been in 4-H work Dorothy has had 99 exhibits and has won \$81.60. Edward has made 27 exhibits and has won \$54, to say nothing of the ribbons, prizes and profit they have both made on the stock.

Five years ago they went in debt for one calf. Today, with all indebtedness paid, they have, according to present market value, livestock worth \$748.

The 4-H slogan is "Build For a Future." They are building their future college fund. Dorothy plans to major in home economics, Edward in animal husbandry.

More Profits From Pasture

THROUGH the pasture improvement contest of Eastern Kansas, considerable attention has been directed to the pasture program of Louis Hodgson, of Wabaunsee and Riley counties. Mr. Hodgson used to feed hundreds, and even thousands of head of hogs each year. Then he began swinging to a diversified pasture system, in which sheep and dairy cattle were used to harvest as much of the crops as possible.

The way Louis summarizes his pasture plan is, "We start out on wheat pasture as early as possible, usually around the first of March. I have a dairy herd of about 75 cows and 120 acres of wheat. I'll rotate my cows over different wheat fields until about April 15. Then I'll select certain fields to pasture, and others to leave for grain."

After the wheat is gone, prairie

grass is used. He has found it makes the best pasture during June and early July. It is not so good before, nor later in the summer. Hay is cut on the later summer growth.

Sudan grass is the hot weather pasture. It is ready by mid-July, having reached about 2 feet in height, where it may be pastured heavily. Several Sudan fields are used so they may be rotated without fail. Good bottom land usually carries 2 head of cows to the acre.

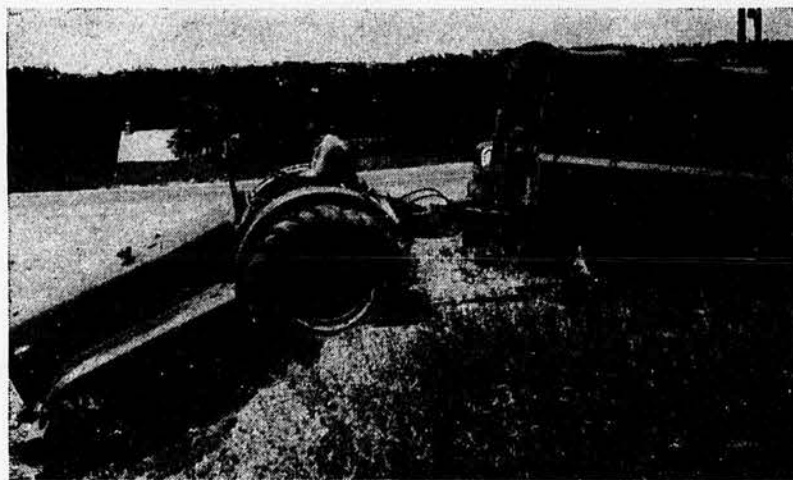
In regard to prussic acid poisoning, Mr. Hodgson has had some trouble, he reports. He buys the best certified seed for planting. When the cows are turned out, he plans to keep them on the Sudan all the time. He believes they develop an immunity to any poison that may be present.

After Sudan is gone at frost time, oats and wheat are figured to be ready, as they are planted around September 1. Normally they aren't grazed until nearly the middle of October. This gives them a good start. During the fall months, wheat seldom makes enough feed for a herd of cows producing bottled milk, so the Hodgsons feed silage in the afternoons, grazing only in the morning. Wheat is pastured all winter, whenever weather and top growth permits. They find it gives the milk and cream a desirable color.

This program means at least 10 months of fairly heavy pasture. To guard against years when drouth and grasshoppers may do away with all green pasture, Louis carries over a supply of silage large enough to feed the cow herd thru the summer without any pasture.

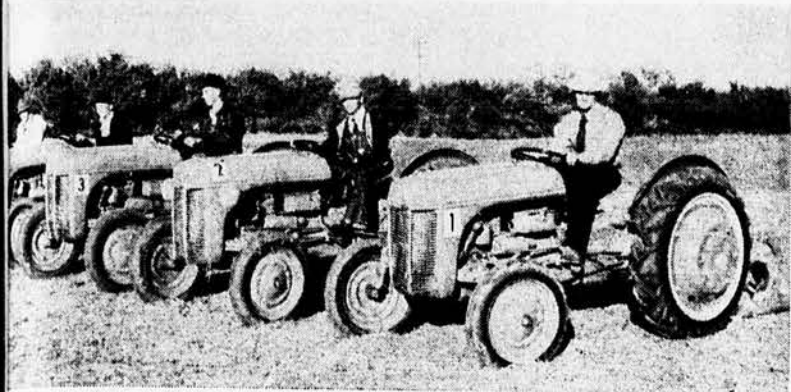
From this pasture program, Mr. Hodgson has found he can keep his soil covered with a crop the year around. Secondly, he says he has made more net profit, because of lowered labor costs. His records show him that he can get more total days of grazing from all kinds of pasture, by delaying grazing, and stocking more heavily while the grass is being used.

Army Adopts "The Jeep"



Proving the farm machinery industry is willing to do anything possible for the defense of the country, Minneapolis-Moline has designed and built "The Jeep," which eliminates many of the faults of old World War tanks and tractors. Attaining a speed of 50 miles an hour, it travels over rough terrain, has air brakes, will turn on a dime, has high adaptability. The machine has been adopted by the Army.

Kansas Boy Wins Tractor



Contestants in the Tractor Operation Contest, sponsored by the National Farm Youth Foundation, at Wichita, November 1, right to left, are: Leroy Gollmer, Meade; Robert Posch, Chillicothe, Mo.; Roland Draper, Rogers, Ark.; William Hamilton, Wichita; Thaine Allison, Fort Scott.

BECAUSE of his skill at handling a tractor, Melvin Lauber, 18-year-old farm boy of Yates Center is the owner of a shiny new Ford tractor, equipped with a 2-bottom, 14-incherguson plow. Melvin was awarded the big prize for winning first in the tractor operation contest, sponsored by the National Farm Youth Foundation, at Wichita, November 1.

Before a crowd of 1,300 spectators, he maneuvered in competition with 9 other farm boys, all winners of first or second in 5 semi-final contests. These contests were held for members of the National Farm Youth Foundation, by dealers in the territory of the O. J. Nelson Distributing Company.

Contestants were judged on straightness of furrows, neatness of back-crow, evenness of entering and leaving lands, keeping furrow straight at the end of field, evenness of furrow edges, evenness of furrow depth, covering trash, straightness of furrow wall, neatness of dead furrow, and doing work without undue loss of time. Second place in the Wichita contest went to Francis Earle, of Garden City. Leland Borgstrom, of McPherson, and Roland Draper, of Rogers, Ark., tied for third. Other contestants were: Leroy Gollmer, Meade; William Hamilton, Wichita; Thaine Allison, Fort Scott; Robert Posch, Chillicothe, Mo.; Gordon Spiking, King City, Mo.; Floyd Fritts, Butler, Mo. All except the first-prize winner received a testing kit valued at \$18.75 for their efforts.

Judges for the contest were: E. L. Berger, associate professor of agricultural engineering, Kansas State College; Emmett Blood, chairman of the Dickinson county AAA committee;

Wallace McIlrath, president of the Kingman County Farm Bureau; Charles Guinn, farmer and Butler county commissioner; and P. W. Russell, director of vocational agriculture in the Harper high school.

Poultrymen See Good Year

A good year for poultrymen is in prospect, according to opinions and figures presented at a meeting of the first district of the Kansas Hatcherymen's Business Association, in Topeka recently. Meredith M. Hawk, of Atchison, who presided at the meeting, reports that all available figures agree with opinions of the hatcherymen that egg prices will be good enough to delight the owners of good poultry flocks during the ensuing year.

Mr. Hawk reports one of the largest crowds ever to attend a meeting of this kind. President of the group is Mrs. L. A. Rupf, of Ottawa. Mr. William Lake, of Marysville, is vice-president, and M. R. Stants, of Abilene, is secretary. Speakers on the program included Charles Hicks, of Purina Mills, St. Louis, L. L. Sauer, of Salisbury Laboratories, and Mr. Stants.

First Wheat Entry

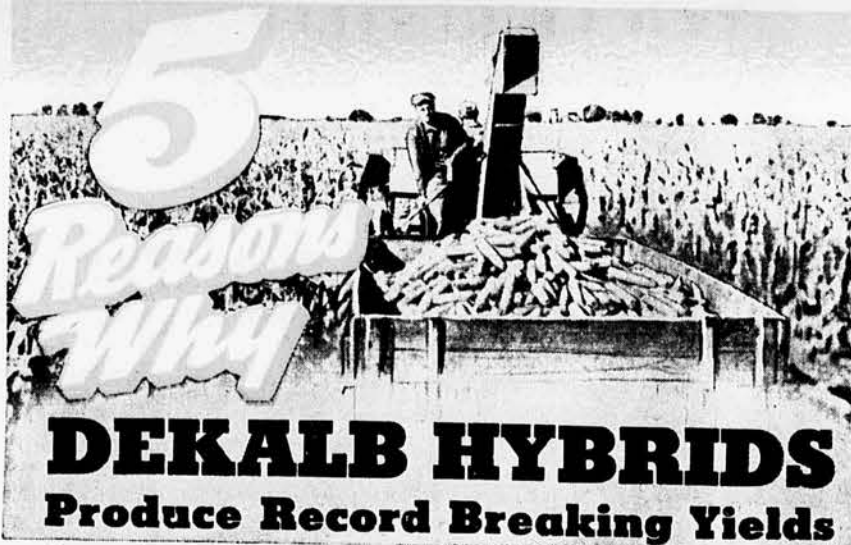
First entry from Kansas for the 1940 International Grain and Hay Show, to be held in Chicago, November 30 to December 7, was made by Walter Cedarberg, Herndon, Rawlins county. He will exhibit in the hard red winter wheat classes of this world's largest crops show in which farmers from 34 states and all provinces of Canada exhibited last year.

Plowing Title to Canadian



Winner in a field of 15 top-notch plowmen from the United States and Canada in the 1940 National Plowing Contest near Davenport, Ia., recently, was Fred Timbers, of Saultville, Ontario, Canada, whose score of 92.95 out of a possible 100 points captured the title of American plowing champion. Timbers handled his Goodyear Sure Grip equipped Massey-Harris tractor with skill and ease, which won approval of 10,000 onlookers.

Farmer for November 16, 1940



A Corn For Every Farm and Need
Proved Under Local Conditions

Exclusive Inbred Lines
Controlled Production of Seed

Most Modern Processing of Seed

High average yields of DeKalb Corn year after year over the entire corn belt—under all kinds of soil and climate, prove conclusively that DeKalb Hybrids can be depended upon to give uniformly fine harvests wherever grown. DeKalb is built to produce Profitable Results. Every process in its production (from the scientific development of its exclusive inbred lines to its protective processing) is directed toward one goal—that of giving farmers a better hybrid—one that will produce superior yields, ease of husking, exceptional standing ability, uniformity, high shelling percentage and outstanding feeding value.

ORDER NOW—GET THE VARIETIES YOU WANT
Give your seed order NOW to your local DeKalb dealer so that you can be sure of getting the varieties you want.



FREE New, beautiful booklet—"Acres of Gold"—contains valuable hybrid information including many new and outstanding varieties. Clearly explains how farmers can correctly select varieties to match their own farm and growing conditions. Address: DeKalb Agricultural Association, DeKalb, Illinois.

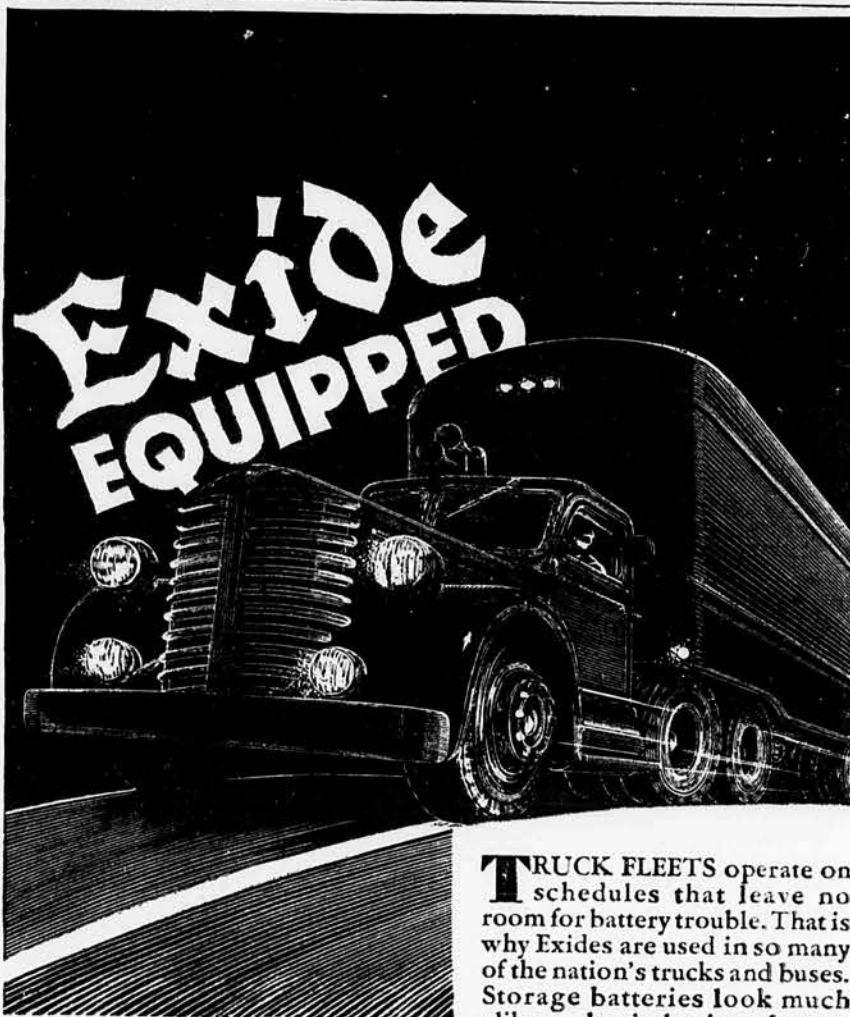
DEKALB'S
1940 CORN GROWING
CONTEST

COUNTY CONTEST RESULTS SHOW BUMPER YIELDS

Here are a few early returns in the 1940 Corn Contests. Results are reported daily over radio stations KFEQ and WIBW.

IN KANSAS
W. Peck... Brown Co.
72 bu., DeKalb 825
IN NEBRASKA
V. Sufbeck... Cedar Co.
124 bu., DeKalb 404A
A. Austin... Wayne Co.
87 bu., DeKalb 606
IN MISSOURI
O. Peters... Clark Co.
113 bu., DeKalb 827
P. Scott... Harrison Co.
119 bu., DeKalb 827
C. Larson... Chariton Co.
90 bu., DeKalb 816
IN IOWA
H. Brinton... Hamilton
126 bu., DeKalb 827

DEKALB *Quality* HYBRID CORN



The Exide Dealer now has an instrument that shows instantly the effect of low temperatures on the efficiency and starting power of your battery. The next time you see an Exide sign, drive in and ask to see the Exide Starting Power Indicator. No obligation.

TRUCK FLEETS operate on schedules that leave no room for battery trouble. That is why Exides are used in so many of the nation's trucks and buses. Storage batteries look much alike... but in buying a battery for your own car, truck or tractor, you can safely be guided by the experience of the leading fleet operators. You'll avoid guesswork and be sure of getting your money's worth in Exide.

THE ELECTRIC STORAGE BATTERY COMPANY, Philadelphia
The World's Largest Manufacturers of Storage Batteries for Every Purpose
Exide Batteries of Canada, Limited, Toronto

WIND ELECTRICITY for the FARM BEYOND THE HIGH LINE



The New 1941 Model Jacobs Super Automatic Wind Electric Plants are especially designed for the farm that cannot secure High-Line service.

NOW PRICED WITH THE LOWEST

Next to the High Line, a Jacobs Super Automatic Wind Electric represents America's greatest electric plant value.

Never a generator burned out during 10 years of proven service. 14-foot flyball variable pitch propeller... perfected, proven battery charging control automatically reduces charging rate as batteries become charged.

Learn why it costs less to own a JACOBS. Write for FREE literature.

America's Oldest Wind Electric Manufacturer

JACOBS WIND ELECTRIC CO., INC.
MINNEAPOLIS, MINNESOTA

WELCOME relief from stuffy misery of HEAD COLDS

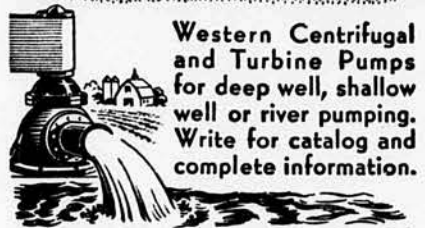
3-PURPOSE MEDICINE

Are swollen membranes and clogging mucus caused by a stuffy head cold making life miserable for you? Then relieve discomforts with a few drops of Vicks Va-tro-nol up each nostril.

Va-tro-nol is so effective because it does three important things—(1) shrinks swollen membranes—(2) soothes irritation—(3) helps flush nasal passages, clearing clogging mucus. . . . And remember, when used in time, Va-tro-nol helps prevent many colds from developing.



IRRIGATION PUMPS



Western Land Roller Co., Box 16, Hastings, Nebr.

You Could Do No Finer Thing!

The Copper Foundation for Crippled Children is maintained by voluntary contributions. Ministers unceasingly and sympathetically to restore unfortunately handicapped boys and girls to health and happiness. It needs your help. Address: CAPPER FOUNDATION FOR CRIPPLED CHILDREN 20-B Copper Building, Topeka, Kansas

LIVESTOCK ADVERTISING

In Kansas Farmer is read by up-to-date breeders and those who contemplate going into the livestock business. Ask us for low rates.

ROYAL ROUND-UP

Corrals Crowded at Huge Midwest Show

By CECIL BARGER

RURAL youth of America and the livestock breeders and enthusiasts of the nation moved in on Kansas City November 9 to 16, for what was perhaps the greatest American Royal in years.

Livestock barns were crowded this year, with a total of 2,484 entries. Return of Herefords, which claims Kansas City as its home, added much to the show. Many more Shorthorns than usual were found in the stalls. The later date of the show this year has proved more favorable for cattle breeders.

Hal Ramsbottom, Munden, Kan., took a top honor in the junior 4-H division when his calf won first in the Shorthorn class for calves weighing less than 925 pounds. Also in this class Harvey Spencer, Whiting, placed fourth, and Donald Eugene Louthin, Huron, placed eighth.

In the senior division for Shorthorn steers weighing more than 925 pounds, Ray Schultz, Huron, placed third in a class of 20 calves. John Vawtor, Oakley, placed ninth, Dale Lance, Fairview, eleventh, Byron Albers, Bendena, twelfth, and John Spencer, Whiting, thirteenth.

Patricia Stevenson, Codell, gave some stiff competition to Ray Forbes, Ralston, Okla., who won first, but her calf in the final line-up stood second in the junior Hereford steer class for calves weighing more than 925 pounds. In this class, other Kansas winners were Roswell Spencer, Whiting, placing ninth, and Janice Stevenson, Codell, placing eleventh.

Five out of 13 placings in a class of 42 cattle went to Kansas in the senior 4-H division for Hereford steers weighing more than 925 pounds. The 5 were: Edward Simmons, Ashland, who placed second; Frank Boyce, Jetmore, third; Dean Spencer, Whiting, seventh; Patricia Stevenson, Codell, tenth; and George Goller, Hanston, twelfth.

Third prize in the 4-H Angus division for calves weighing more than 925 pounds went to Warren Albers, Bendena, and John Huddleson, Pomona, captured both fourth and fifth places. Eleventh place went to John Spencer, Whiting, twelfth to Eugene Wiche, Narka, and thirteenth, Billy Streiv, Leona. For Angus weighing less than 925 pounds, Susanna Schuler, Junction City, placed fifth, and Andy Schuler, Junction City, eleventh.

Hal Ramsbottom, who showed the first prize 4-H Shorthorn, placed third in the fat market lamb class for 4-H'ers, for lambs weighing 95 pounds and under. Other winners in the class of 21 shown were: Nancy Jean Fleming, Kansas City, Kan., who placed fifth and sixth; Harris Clark, Alta Vista, eighth; and Eugenia Curry, Manhattan, ninth.

First place in the 4-H Berkshire barrow show went to Paul R. Wimpy, of Seneca. Rosemary Wimpy, of Seneca, captured third place.

Grant Poole, Manhattan, placed second in a class of 4-H Duroc barrows. Don McKengie, Wayne, ranked fifth in the Poland China barrow class.

Vocational agriculture boys met some stiff competition in their classes. Gail Hirt, Waterville, placed fifteenth, in the junior vocational division for Herefords weighing 950 pounds and over. Wesley Wulkuhle, Lecompton, placed thirteenth, and Gail Hirt fifteenth, in the Shorthorn senior division for calves weighing 950 pounds or above.

Fifth in the Angus junior vocational division for calves weighing more than 950 pounds went to Jim Hunnicutt, Blue Rapids. In the Angus Special class, Warren Albers, Bendena, placed sixth, Jim Huddleson, Pomona, seventh and eighth, and Jim Hunnicutt, Blue Rapids, twelfth.

In the Angus Special for calves weighing less than 950 pounds, Sus-

Lost Dog

(Continued from Page 8)

screaming. She may be hurt," she flung over her shoulder. Jack followed her swiftly as she rounded the corner of the house.

Sally Jo was sitting in a sunny spot on the grassy lawn, whimpering. She was blond, dimpled, and would soon be 4 years old.

"Here, you're excited," Jack said. "She doesn't seem hurt." Then Sally Jo jumped to her feet and ran towards the paved highway beyond the low hedge fence. The huge dog leaped after her and there was a sound of tearing cloth as he caught at her with his powerful teeth.

Sally Jo screamed once more as her mother ran to attack the dog with a broken branch she had snatched from the lawn.

"Wait, Nellie, wait!" That dog's not hurting her. Come here, Sally Jo, and tell Daddy what's wrong."

Panting and plainly not convinced, Nellie stood while Jack reached the child in one bound, and the dog sat down and lolled out a pink tongue. He was plainly not a guilty dog.

"Doggie won't let me get my ball," wailed Sally Jo.

When Nellie found her voice she asked, "Where is your ball, darling?" "Over the road," smiled Sally Jo. Twinkling thru her tears.

Nellie sat down upon the short grass, still weak and trembling from her fright. She looked at Jack, and he grinned at her over Sally Jo's tousled head.

"I believe he was trying to keep her out of the road, Nellie. Let's let her try again and see what happens."

Nellie assented somewhat doubtfully, and the chubby youngster again

started to cross the paved highway. This time the huge dog watched her until she reached the edge of the roadway. Standing alertly, he cast puzzled glances back at the 2 young people. Then with a quick leap, he abandoned his position and was over the hedge, catching Sally Jo's dress in his teeth and dragging her away just as an automobile whizzed past.

"Come here, Sally Jo," Nellie called, after catching her breath.

Jack emitted a whoop. "Nellie, I wouldn't take a thousand dollars for your stray dog. Here's where we appoint him nursemaid."

BEGINNING FARM WRITER



Kansas Farmer welcomes Louise Cain, author of "Lost Dog," to its parade of reader-authors! We are happy to help another beginning farm writer. This is Mrs. Cain's first story. "I have always had the urge to write," says Mrs. Cain. "From the ages of 15 to 20 I wrote tons of stuff, none of which was ever submitted." She taught music a year after finishing school, has been married 12 years, lived on farm 5 years, recently bought a farm. "We feel we actually started farming with Kansas Farmer," states Mrs. Cain. Hobbies are fishing and adding to an extensive collection of Indian arrowheads.

anna Schuler, Junction City, placed ninth.

Kansas made a clean sweep of baby beef production class for breeds, open class. Jesse Crow, Nottingham, placed first in this carlot vision including 15 head. Second to T. I. Mudd and Sons, Gorham; fourth to Robert Jackson, Holton; fifth Mrs. Bruce Saunders, Holton; and sixth to Roger Blanchard.

In the fat heifer carlot class, W. Brown, Emmett, won first, and W. Browning, Olathe, second. Dan C. Cment, Manhattan, placed first on carlot of Herefords, weighing 1,000 pounds or under.

Iowa carried off the coveted colt livestock judging trophy. Kansas State College's team ranked seventh, only a few points behind the winner. Mack Yanzer of the K. S. C. team, for fourth as an individual in judging cattle.

Adding glamor to the fanfare of and music during the gala week the American Royal queen, Dor Jean Ballard, of Tulsa, Okla. Miss Ballard attributes her success to the fact that she carried a stone with a hole in the middle of it in her purse, an superstition, and that she put a slip of paper bearing the number 7 in her per. Two of the judges who helped select the queen were Linda Darnell Leo Carrillo, film stars.

Ann Ellen Jones, Hiawatha, Kan., was chosen as one of 2 princesses; Lucille Margaret Eden, queen of Cornhuskers' Ball held following State Corn Husking at Washington, Mo., and Rosemary Cowan, Parkburg, were chosen as ladies-in-waiting.

A new feature of the American Royal this year was a mass drill of more than 125 drum majorettes. Completely filling the Horse Show arena they sent a beautiful spectacle as performed skillful maneuvers.

Kansas Day was Monday. Thirty Kansas school bands paraded in arena. They represented these towns: Bonner Springs, Chase, Cherokee, bands, Erie, Girard 2 bands, Manhattan, Parker, Robinson, Sabetha, V. Falls, Kansas City 7 bands, LaCrosse, Marion, Turner, Bethel, Pittsburg, Haven, Tonganoxie, Hiawatha, A. Mont, Effingham, Olathe, River, Baxter Springs.

An estimated 10,000 Future Farmers of America from 47 states and 2 territories met during the week.

Fun, Fame, and Cash!

Fun for the many,
Fame for the few,
Cash for the winner—
Maybe that's you!

You can have fun—lots of it making up last lines for the jingle low. You can have fame if your line is a top-notch, for we print the name of those who make extra good entries. You can have a check for \$2—worth a thrill—if you are the winner. A gain, and nothing to lose! Make a whole list of last lines and enter to the jingle below and mail them. All the family may put their entries in one envelope.

Rules are simple. Look thru the advertisements in this issue. Get ideas. Then write a bunch of last lines for the jingle below and mail them. All the family may put their entries in one envelope.

Winner of the October 19 contest—congratulations to her—Mrs. F. Ward, Fall River. She gets \$2 for writing this line: "I'm as perky as that fee from A & P." Outstanding recognition is given for the entries of E. V. Claeys, Axtell; Pauline M. Bluff City; Mrs. Otis Applebee, Elder; and Mrs. Lloyd Tucker, Brook.

Order anything else in your jingle you like. Send card or letter to Jingleer, Kansas Farmer, Topeka.

"This meat's salty," growled the her,
He cut off the cook's head, quick sure.
The new cook, by heck,
Uses head and saves neck.

Results of the National Corn Husking Contest, Davenport, Iowa, 1940

Husker and State	Total Weight of Corn	Gleanings, Pounds	Deduct for Gleanings	Deduct for Husks	Total Deductions	Net Weight of Corn	Net Bushels
Irvin Bauman, Illinois	3,359	29.7	89.1	0	89.1	3,269.9	46.58
Marion Link, Iowa	3,339	31.3	93.9	0	93.9	3,245.1	46.36
Ivy Carlson, Iowa	3,218	19.0	57.0	12.9	69.9	3,148.1	44.97
Lawrence House, Kansas	3,010	22.7	68.1	0	68.1	2,941.9	42.03
Elias Vaughn, Illinois	2,950	12.2	36.6	0	36.6	2,913.4	41.62
Otto Sorensen, Nebraska	2,913	16.9	50.7	20.4	71.1	2,841.9	40.6
Dick Post, Wisconsin	2,885	23.3	69.9	23.1	93.0	2,792.0	39.89
Clarence Maley, Minnesota	2,933	23.2	69.6	82.1	151.7	2,781.3	39.73
Carl Bly, Minnesota	2,836	20.6	61.8	0	61.8	2,774.2	39.63
Ted Koger, Missouri	2,828	36.0	108.0	0	108.0	2,720.0	38.86
Cecil Bosstick, Indiana	2,793	25.2	75.6	0	75.6	2,717.4	38.82
George Sunday, Ohio	2,754	13.7	41.1	0	41.1	2,712.9	38.76
Kenneth House, Kansas	2,765	16.9	50.7	16.6	67.3	2,697.7	38.54
Omer Koopman, Wisconsin	2,772	45.0	135.0	0	135.0	2,637.0	37.67
Verner Rice, Missouri	2,669	21.9	65.7	0	65.7	2,603.3	37.19
Chance Stone, South Dakota	2,646	19.8	59.4	0	59.4	2,586.6	36.95
Chester Collins, Ohio	2,669	28.0	84.0	0	84.0	2,585.0	36.93
Odell Ivers, Indiana	2,638	22.2	66.6	0	66.6	2,571.4	36.73
Stanley Yeager, Pennsylvania	2,528	25.7	77.1	0	77.1	2,450.9	35.01
James Podliska, Nebraska	2,519	24.0	72.0	0	72.0	2,447.0	34.96
Martin Arke, South Dakota	2,477	73.1	219.3	0	219.3	2,257.7	32.25

Greener Pastures

(Continued from Page 5)

has increased the carrying capacity from 55 to 82 head, on 2 quarter-sections of native grass pasture. His cattle are alternated between the 2 pastures, spending a month at a time on each one. Cattle are turned in one pasture about the first of May, while the other pasture is deferred until a month later. The next year, the other pasture is deferred. Each year Mr. McGonigle mows the pasture not deferred. Mowing is done around the first of June.

E. J. Richards, of Republic county, winner of fourth prize, uses Brome grass to supplement native pastures, maintaining a herd of choice Short-horn cattle. He finds the Brome grass

will produce a valuable seed crop and still furnish good grazing in the spring and fall, when native grasses are most in need of a rest to facilitate best growth.

Durable Tractor Funnel

Light tin funnels do not last long around the tractor, so I made a heavy one. Get a big headlight reflector and enlarge the hole in it until it is the size of a piece of tubing taken from an old tire pump. Saw off a piece of the tubing about 4½ inches long and securely solder to the reflector. It will be found handy and durable, too.—R. W. Taylor.



Drinking water is an important part of any pasture system, and O. F. McGonigle, of Reno county, who won third place, is shown here with a new tank which is in the fence, between 2 pastures. By building the square tank with the corners joining to the fence, Mr. McGonigle eliminated much crowding.



Regier, of Harvey county, makes good use of alfalfa in his planned pasture program for sheep and cattle. This picture shows him inspecting an excellent stand of fall-planted alfalfa on his farm, near Moundridge.

Start a Fire But Once a Year
WITH THE **Locke** WARM MORNING HEATER!
Semi-Automatic Magazine Feed

HOLDS 100 LBS. COAL!
Heats All Day and All Night Without Refueling!

Here's the coal heater that's years ahead...entirely new and different! By its patented construction principles it makes coke from coal, then burns the coke without smoke or soot. No clinkers—only fine ash.

The WARM MORNING HEATER holds 100 pounds of coal and feeds fuel semi-automatically from magazine. Start a fire but once a year... then enjoy steady, clean heat in abundance all winter long.

WONDERFUL FUEL SAVER—Requires less attention than most furnaces. Burns any kind of coal, coke or wood. Made in regular stove-type models, also in handsome cabinet type. All models give the same efficient, economical heating service. Before you decide on any kind of heating equipment, be sure to see the WARM MORNING!

SEE YOUR DEALER—More than 10,000 retail hardware, furniture, lumber and coal dealers throughout 40 states and Canada recommend and sell Warm Morning heaters.

FREE LITERATURE—If you do not have a dealer nearby, write at once for free literature illustrating and describing all models.

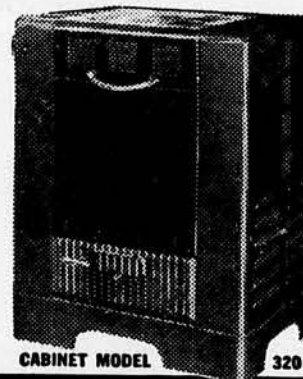
LOCKE STOVE COMPANY
1012 Baltimore Ave., Kansas City, Mo.



MODEL 120A



INTERIOR VIEW



CABINET MODEL

320

—AUTHORIZED WHOLESALE DISTRIBUTORS—

The Jackson Hunter & Gould Coal Companies
Kansas City, Mo.
Wichita, Kan.
Harris Coal Company
704 Boston Bldg., Denver, Colo.
Mackie-Clemens Fuel Co.
Dwight Bldg., Kansas City, Mo.
Midland Coal Company
Commerce Bldg., Kansas City, Mo.
Pittsburg & Midway Coal Mining Co.
Dwight Bldg., Kansas City, Mo.

Richards & Conover Hardware Co.
5th and Wyandotte, Kansas City, Mo.
Sinclair Coal Company
1012 Baltimore, Kansas City, Mo.
Southern Coal Company, Inc.
B. M. A. Bldg., Kansas City, Mo.
Townley Metal & Hardware Co.
200 Walnut, Kansas City, Mo.
Wyeth Hardware & Manufacturing Co.
St. Joseph, Mo.

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.

\$5,000,000

Capper Publications, Inc.
Topeka, Kansas

First Mortgage 4% Certificates (6-month)
First Mortgage 4½% Bonds (1-year)
First Mortgage 5% Bonds (5-year)
First Mortgage 5½% Bonds (10-year)

Denominations \$50.00, \$100.00, \$500.00 and \$1,000.00.
Copies of the Prospectus may be obtained by writing to

CAPPER PUBLICATIONS, INC., TOPEKA, KANSAS

Livestock Advertising

—in Kansas Farmer is read by up-to-date breeders and those who contemplate going into the livestock business. Ask us for low rates.

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 6 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 your name 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. Headings and signature limited to 21 point openface type. No cuts allowed. Copy must reach Topeka by Saturday preceding date of issue.

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

Baby Chicks—White Rocks, New Hampshire. Pullorum tested. Choice of particular broiler men. \$8.00 per 100. The Concordia Creamery Co., Concordia, Kan.

Purina Embryo-Fed and bloodtested chicks and poultry poult. All popular breeds. Write for prices and descriptions. Steinhoff & Son Hatchery, Osage, Kan.

Chicks From Flocks Bloodtested for years, rigidly culled for color, vigor, high production and early maturity. Gardner Hatchery, Moravia, Iowa.

Chicks: Hardy, Robust Chicks. Hatched to live. Leading breeds. Sexed. Low prices. Free catalog. Booth Farms, Box 308, Clinton, Mo.

WHITE LEGHORNS

Big Barron English White Leghorns—AAA chicks. \$5.45; pullets, \$9.00; cockerels, \$3.50, postpaid. Two weeks pullets, \$13.95, collect. Pedigree sired. Money-back guarantee. Helms Hatchery, Deepwater, Mo.

Big Type White English Leghorns. Pedigree sired. Ed. Isenbarg, Benedict, Kan.

WYANDOTTES

Columbian Wyandotte Cockerels and Pullets for sale. Henry Pauls, Hillsboro, Kan.

TURKEYS

Leading Turkey Magazine, devoted exclusively to turkey raising. Explains newest methods. \$1.00 a year. Turkey World, Desk 62, Mount Morris, Ill.

Oregon Broad Breasted Bronze Turkeys for sale. Harry Kleweno, B6, Bison, Kan.

Purebred Baby Beef Type Toms \$7.50. Burton Smith, Concordia, Kan.

SQUABS

Raise Highly Profitable Royal Squabs. Thousands wanted weekly by Chicago firms. Read new 1941 book. Personal money-making experiences. Free. Rice, Box 319, Melrose, Massachusetts.

POULTRY PRODUCTS WANTED

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

POULTRY BOOKS

Are Your Chickens Successful? If not, ask me the reason and how to make it right. I know—and will tell you for a trifle. Free booklet. R. E. Vohs, New Knoxville, Ohio.

POULTRY EQUIPMENT

Why Not Buy the Biggest and Best Turkey Saddles? Reasonable prices. Samples 25c. Douglas Manufacturing Corporation, Crete, Neb.

DOGS

English Shepherd Puppies. Sprayed Females. Heeders. E. Barnes, Collyer, Kan.

RABBITS

Pedigreed Wood Rabbits for Sale. Wyndhaven Rabbitry, Ferndale, Wash.

TRAPPERS

Trap Fox and Coyote: Bare ground and deep snow trapping. Results or no pay. Q. Bunch, Box P, Welch, Minn.

PLANTS—NURSERY STOCK

Roses—2-year, field-grown. Red, Pink, Shell Radiance, Tallman, Pres. Hoover, Sunburst, Etoile Hollande, Columbia, Luxembourg, Caledonia, Briarcliff. All 19c each postpaid. Ship C.O.D. Catalog free. Naughton Farms, Inc., Waxahachie, Texas.

Special! 200 Yellow Free Blakemore or Dunlap plants delivered \$1.00. Free beautiful colored calendar catalog quoting sensational low prices on strawberries and vineberries. Waller Bros., Judsonia, Ark.

INDIAN RELICS WANTED

\$100.00 paid for certain Indian relics. Illustrated identification chart 10c. Glen Groves, 6601 Oshkosh, Chicago, Ill.

MACHINERY

New Low-Cost Hammer Mill—the latest addition to the famous Gehl Grind—All Hammer Mill line. Compares favorably with higher-priced mills. Big capacity at low speed saves power. No speed jack needed. Large 24-inch grinding chamber—42 swinging hammers which may be turned to use all four corners. Positive action—no clogging. Sturdy all-steel frame construction. Get more for your money in this new Gehl No. 40. Write today for free folder and name of nearest dealer. Gehl Bros. Mfg. Co., 234 Water St., West Bend, Wis.

We Have Used and Rebuilt Machinery priced to move. Tractors, combines, engine cutters, plows up to 4 bottom, combine motors, (Kilmer Rotary scraper—one year), concrete mixers, concrete buggies, scarifiers, light plants, electric motors, gas engines, washing machines, refrigerators. What do you need, perhaps we have it. Mail postcard for our free bargain list. Green Brothers, Lawrence, Kan.

Get Into a Safe, Sure, Profitable year-round business with the Ford's Portable Hammermill and exclusive molasses feed ingredients. 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., 1114 12th, Streator, Illinois.

Rich man's Hammermill. Poor man's price. \$39.50. Tractor size \$49.50. Also steel grain bins and cribs. Link Co., Fargo, N. D.

Wanted: Baldwin and Minneapolis-Moline combines. Thompson Brothers, Minneapolis, Kan.

Four Hole I. H. C. Corn Sheller. John Young, Hollis, Kan.

TRACTOR REPAIRS

Write for Free Large 1940 Catalog of used and new tractor parts. Satisfaction guaranteed. Central Tractor Wrecking Co., Boone, Iowa.

ELECTRICAL SUPPLIES

500 Watt, 110 Volt, alternating current generator \$22.50; 5000 watt, direct current \$55.00; 1/2 H. P. 3150 speed repulsion induction, alternating current motors \$9.75. Butler Electric Co., 1883 Milwaukee, Chicago.

For Sale: 2,500 Watt Windcharger, battery and appliances. Paul Goudy, Stromsburg, Neb.

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.

BOOKS

Send Now for Autographed Copy of my latest book "Random Rhymes." Over 200 pages. Illustrated by Albert T. Reid. Beautiful binding. A gift for birthdays, holidays and all the days of the year. Price \$1.22 plus tax of 3c, \$1.25 postpaid. Ed Blair, Spring Hill, Kan.

COMMISSION FIRMS

Chicago's Oldest Turkey House established 1873 offers producers and shippers the best marketing service for dressed Turkeys. Capons, Ducks, Geese and Veal. Large sales outlets assure top prices and immediate returns. Write for market prices, tags, dressing instructions and reduced shipping rates. Coughlin Commission Company, 1133 West Randolph, Chicago.

PATENT ATTORNEYS

Inventors: Take first step toward protecting your invention—without obligation. Send for free "Record of Invention" form—and free "Patent Guide" containing instructions on how to patent and sell inventions: details of search service; convenient payment plan. Write today. Clarence A. O'Brien, Registered Patent Attorney, OL19 Adams Building, Washington, D. C.

Inventors: Act Promptly. Write Today for newest patent law information in our free copyrighted booklet "How to Protect Your Invention." McCormack & Berman, Registered Patent Attorneys, 119-C Barrister Building, Washington, D. C.

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

TOBACCO

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

PHOTO FINISHING

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.

4 Enlargements 10c. Twelve beautiful deckle border enlargements plus free Leatherette frame and negative holder, only 25c. Send rolls or negatives. Lifetime Studios, X-53, Des Moines, Iowa.

Prompt Service—Quality work: 2 beautiful doubleweight gloss enlargements, 8 guaranteed neverfade prints each roll, 25c. Excel Photos, Dubuque, Iowa.

Rolls Developed—Two beautiful double weight professional enlargements. 8 Never Fade prints, 25c. Century Photo Service, LaCrosse, Wisconsin.

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.

Look! Get Sixteen Prints per roll 25c, plus valuable coupon on three 4x5; two 5x7 or one 8x10 enlargement. Modern Studios, LaCrosse, Wis.

Roll Developed—16 Prints or 8 enlargements, 25c. Beautiful colored 8x10 enlargement free to customers. Dick's Photo, E-10, Louisville, Ky.

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

Sixteen Prints and Two Enlargements with roll, 25c, twenty reprints 25c. Pictorial Studios, 2955 Lincoln, Minneapolis, Minn.

EDUCATIONAL

Learn Electricity, A. C.-D. C. power, electrical engineering principles. For limited time only \$25.00 entrance fee, \$15.00 per term. Sheddian Electric School, 1322 East A, Hutchinson, Kan.

Make Up to \$25-\$35 week as a trained practical nurse! Learn quickly at home. Booklet free. Chicago School of Nursing, Dept. F-11, Chicago.

AUCTION SCHOOLS

Learn Auctioneering, Radioacting, super-salesmanship. World's greatest instructors. Col. A. W. Thompson, Col. James Webb, Actual selling, January term. Home course \$5.00. Write Jim Hoover Auctioneering and Radioacting School, Sterling, Colo.

Learn Auctioneering—Get catalog. Term opens December 9. McKelvie School, Box 188-C, Council Bluffs, Iowa.

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

BULL HALTERS

Combined Bull Halter and Controller. Makes any bull safe. Turn him out with complete safety. Stops fence jumpers. Money-back guarantee. Write for circular. Russell & Company, Dept. 31, Plattville, Wis.

LIVESTOCK REMEDIES

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

BUSINESS OPPORTUNITIES

Raise Mushrooms for profit. New methods and finest pure culture spawn mean increased profits. Write for free folio giving helpful marketing tips. Hughes Spawn, Box 5312, Dept. E, Denver, Colo.

SALESMEN WANTED

Rawleigh Dealer Wanted. Big west Kansas routes make good living. 200 farm-home necessities—medicines, spices, foods, etc. Well-known every county. Send card for particulars. Rawleigh's Dept. L-142-KFM, Denver, Colo.

HONEY

Delicious Light Amber Honey 60 lbs. \$3.70, two or more \$3.50; delicious amber honey \$3.50, two or more cans \$3.35. No smartwee honey in any described above. Irvin Klaassen, White-water, Kan.

RAT POISON

DON'T FEED YOUR RATS

SMITH'S RAT-KILL
Feed them SMITH'S RAT KILL! Kill your rats. Quit experimenting, we've done that for you. There can be no mess or mistakes when you use SMITH'S RAT KILL, a complete bait ready to use. Kills only rats and mice. Write for free information.
NATIONAL SALES CO., Box 552, Enid, Okla.
Guaranteed At Your Dealer

FURS AND WOOL

YOU MIGHT TRY..

McCullough & Tumbach Company
1451 North Sixth Street
St. Louis, Missouri
ON FURS AND WOOL.
Old established house. Our checks are good. Write for prices and tags or ship.

OLD GOLD WANTED

Gold \$35 Ounce. Ship old gold teeth, crowns, jewelry, watches—receive cash by return mail. Satisfaction guaranteed. Free information. Paramount Gold Refining Co., 1500-E Hennepin Minneapolis, Minn.

MEDICAL

Good News—for Piles, Fistula or Colon sufferers. Mild treatment at McCleary's—proved by 40,000 former patients there from coast to coast. Large 116-page illustrated book and patient references from your own section—sent free. Write today—a card will do. McCleary Clinic, E2340 Elms Blvd., Excelsior Springs, Mo.

Rheumatism Pains—To quickly relieve the pain of Rheumatism, Neuralgia or muscular Lumbago take time-tested Winter-X Tablets. Don't suffer. Ask your druggist today for this highly recommended palliative treatment or write direct for free literature. Keene Drug Company, Dept. K, Indianapolis, Ind.

PERSONALS

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

LAND—KANSAS

Fine Stock Farm, near Emporia, 320 acres, 200 plow, alfalfa land, highly improved, 2 large silos, must sell on account of sickness, \$12 an acre. T. B. Godsey, Emporia, Kan.

Buy a Farm in Johnson, Miami or Linn county, Kansas, on plan cheaper than rent. See or write Bruce Crutcher, Paola, Kan.

Big Land Bargains: Write Kysar Real Estate Company, Goodland, Kan.

LAND—MISCELLANEOUS

FEDERAL LAND BANK

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

Good Farms Available. Washington, Minnesota, Idaho, western Montana, Oregon. Dependable crops, favorable climate. Write for impartial advice, literature and list of typical bargains. Specify state. J. W. Haw, 81 Northern Pacific Ry., St. Paul, Minn.

New Opportunities to Acquire Farms or stock ranches in Minnesota, the Dakotas, Montana, Idaho, Washington, Oregon. Write for reliable information and land lists on preferred state. E. B. Duncan, Dept. 1102, G. N. Ry., St. Paul, Minn.

Ready Help for Readers

MOST big businesses have a purchasing agent whose job consists of comparing competitive products and prices before making a purchase. It's a wise plan and can readily be used by farm families. It's easy, simply meaning the assembling of information from several manufacturers of the article you wish to buy.

In this issue of Kansas Farmer, several advertisers have listed such information as available in booklet or pamphlet form. Fully descriptive, these are generally free upon request.

Listed here are the advertisers in this issue who offer such material. Send a card or letter to the address given in the ad listing the information you want.

For full information on the Bear Cat Grinder, which grinds any feed—wet or dry, write as directed on page 9.

Two booklets for poultry raisers are available from Dr. Salsbury's Laboratories. Send for "Turkey Talks" and "First Aid to Poultry" to the address on page 12.

To smooth the humps, build dams, fill draws and other important jobs, you need first to send for the literature describing the Duplex Rotary Scraper. See the ad on page 12.

If you have a lighting problem, send for the Aladdin Lamp folder offered on page 14.

"How To Cut Your Ironing Time One-Third" is the title of the folder that is available from the Coleman

Lamp and Stove Co. See page 15 for the address.

If you are planting hybrid corn, be sure to send for the DeKalb booklet "Acres of Gold," giving information



"They wouldn't believe me!"

on the proper selection of varieties to match farm and growing conditions. When you write, also ask for the Crop and Weather Diary with the Rotation Record. See page 17 for the address.

Now that the curing season is near, get your copy of the Morton Salt Company folder on meat curing. The offer is on page 15.

Are you interested in electricity? Send for the Jacobs Wind Electric Company literature offered on page 18.

With the spread of irrigation in Kansas, many folks are gathering information on pumps and the Western catalog, mentioned on page 18, should be among them.

If you are operating farm machinery on rubber, don't fail to send the coupon in the Firestone ad on page 2. Check the information you want.

And, when you write, say you saw it in Kansas Farmer.

HAMPSHIRE HOGS

Quigley's Reg. Hampshires

Top spring Glits and meaty Boars sired by Silversmith and by Cimmaron by Cimmaron. Both blue ribbon winners at 1939 American Royal, only place shown. One of nation's six All-American herds. Immunized guaranteed. Write for prices. Quigley's Hampshire Farm, on Highway 59, Williamstown, Kan.

Bergstons' Reg. Hampshires

Choice Boars, Bred Glits and Weanling Pigs. Sires in service: Will's Standard, Sunshine Sammie (Kansas Free Fair Jr. Champion), King's Parade, and a son of the Minnesota Grand Champion. Immune. Farmers' prices. R. E. BERGSTEN & SONS, RANDOLPH, KAN.

McClure Offers Hampshire Boars

Choice Immuned, well grown, nicely marked spring boars and glits. Sired by a grandson of High Score. Winners wherever shown. C. E. MCCLURE, REPUBLIC, KAN.

DUBOC JERSEY HOGS

CHOICE SERVICEABLE BOARS

Outstanding feeding quality, two choice Yearlings, one by Foremost Ace. Deep red, thick Spring Boars. Weanlings, either sex. Booking orders for Bred Sows and Glits. Reg. Immuned. Priced low for quick sale. G. M. Shepherd, Lyons, Kan.

THE BEST IN BOARS

Reg. and Immuned spring boars, priced for quick sale. Short-legged, dark red, heavy boned, quick-fattening kind. Shipped on approval. Photos furnished. Clarence Miller, Alma, Kan.

CHESTER WHITE HOGS

Zumbrum's Chester White Boars

For sale, sired by White King's Type. Also Glits bred for March farrow. HENRY ZUMBRUM, JR., CHAPMAN, KAN.

POLAND CHINA HOGS

See Rows for Polands

Special prices and express paid on the first ten boars and also glits. Choice individuals. None better bred. C. R. ROWE & SON, SCRANTON, KAN.

BERKSHIRE HOGS

Headings' Reg. Berkshires

Correct type, Sycamore breeding. Choice pigs, either sex, at farmers' prices. Few tried sows. All Immuned. Visitors welcome. Headings Bros., Hutchinson, Kan.

RED POLLED CATTLE

Locke Dairy Farm RED POLLS

Choice Red Polled Bulls of serviceable age and younger ones from real DUAL PURPOSE cows. 25 years of select breeding. Priced according to quality. Inspection invited. G. W. LOCKE, DEGRAFF, KAN.

Dual Purpose Red Polls

For sale: Registered Bulls of real merit. 8 to 20 months old. Also several high quality grade Bulls. Priced reasonable. WM. WIESE, HAVEN (RENO CO.), KAN.

ROSS RED POLL CATTLE

For sale: Red Polled Bulls. Some of serviceable age, also a few choice Cows. W. E. ROSS & SON, SMITH CENTER, KAN.

Hebbard's Red Polled Bulls

Choice correct type, best of breeding. Red Polled Bulls of serviceable age. Priced right. WM. HEBBARD, MILAN, KAN.

AUCTIONEERS AND SALES MANAGERS



Harold Tonn Auctioneer

Specialist in purebred livestock and farm sales. HAVEN, KANSAS (Reno County)

BERT POWELL

AUCTIONEER

LIVESTOCK AND REAL ESTATE
1831 Flagg Ave. Topeka, Kan.

Jas. T. McCulloch, Auctioneer

Employs methods based on experience. Reg. livestock, farm sales and real estate. I have no other business. CLAY CENTER, KAN.

Livestock Advertising Copy

Should Be Addressed to

Kansas Farmer Livestock Advertising Dept., Topeka, Kansas

Kansas Farmer is published every other week on Saturday and copy must be mailed to reach the Kansas Farmer office not later than one week in advance of publication date.

Because we maintain a livestock advertising department and because of our very low livestock advertising rate we do not carry livestock advertising on our Farmers' Market page.

If you have purebred livestock for sale write us for our special low livestock advertising rate. If you are planning a public sale write us immediately for our

SPECIAL PUBLIC SALE SERVICE KANSAS FARMER Topeka, Kan.

Jesse R. Johnson, Manager
Livestock Advertising Department

NATURAL ENEMIES

Keep Many Insects Under Control

By JAMES SENTER BRAZELTON

VIRTUALLY every bug that crawls or flies has an insect enemy that preys upon it somewhere in its life cycle. With some, the parasite lives upon the adult; in other cases the larva is the host; while in still others the parasite feeds upon the egg. Wherever the attack, it is always in the most vulnerable stage, and, up to now, has checked the advance of the insect hordes and prevented them from inheriting the earth.

A large portion of the principal agricultural crops grown in the United States are of foreign origin. When these crops were moved from their homeland their insect pests frequently slipped in with them. In many cases

sites shipped from across the seas are being used with success to control the European corn borer. At New Haven, Conn., the Bureau of Entomology, U. S. D. A., maintains a laboratory for the study of shade and forest tree insects. For many years an important phase of the work there has been the utilization of parasites to control such pests as the gypsy moth, browntail moth, European pine shoot borer, larch case borer and many others.

This relentless warfare is being waged not only on our Western and Eastern fronts, but Dr. L. Haseman, professor of entomology, University of Missouri, says, "We have been co-operating with the government in the introduction of 1 or 2 of the more promising species of parasites which they have been breeding and distributing, and we have also been following the build-up of ordinary native parasites of the Oriental peach moth, and I am happy to say that last year and apparently again this year in the peach area of Southeast Missouri where this pest has been troublesome, these little parasites are apparently having a definite influence."

Controls Alfalfa Weevil

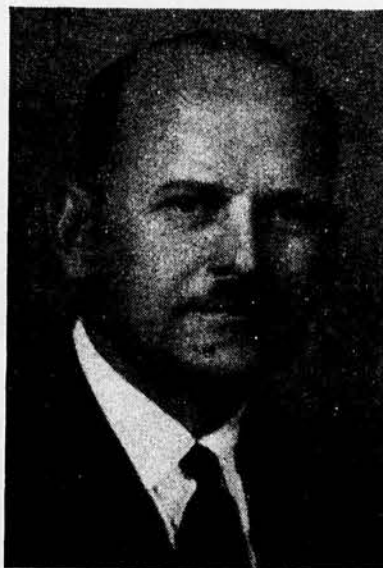
According to Dr. George M. List, associate professor of entomology, Colorado State College, they have not given parasitic control as much attention there as they have in some of the other states, altho Colorado bug men went to Utah where the U. S. Bureau of Entomology had introduced parasites of alfalfa weevil larva, collected these and brought them back to the western part of Colorado.

"This parasite has spread rapidly," says Doctor List, "and is an important factor in keeping the alfalfa weevil from being as serious a pest as it was when first established in this country."

But a story of the biological control of insects would be misleading if it told only of the outstanding entomological triumphs. There have been failures, too. Not all of the attempts to pit one bug against another have been successful. A notable example of this has been the untiring efforts of such men as Doctor List in his extensive investigations on the use of a little parasite known scientifically as *Trichogramma minutum* to control codling moth. This is the old girl that is responsible for the worm you sometimes find in the apple you are eating. Altho several million of these parasites have been reared in laboratories on grain moth eggs and then liberated in apple and pear orchards, to date, Doctor List reports that only fair results have been obtained.

Assistant County Agent Guengerich has had a similar experience in Jackson county, Missouri. In a recent check of his work made by W. R. Martin, extension horticulturist, and Doctor Haseman, they found a considerable percentage of parasitized eggs, but the worms in the orchard were not being satisfactorily controlled. Doctor Haseman's explanation is that this particular parasite is such a general feeder in the eggs of so many different insects that we have it with us all the time, but it does not seem to concentrate on any particular pest in numbers sufficient to cause any marked reduction in the pest.

So it seems that for a time at least, the codling moth can go blithely on in its career of destruction without having to worry about its annihilation by *Trichogramma* or any other parasite. But the inspiring thing about this matter is that when they meet defeat, the scientists do not quit. To give up when failure stares them in the face is not a quality of theirs. They tackle the problem all the harder and just keep trying.



C. P. Clausen, principal entomologist, in charge of the division of foreign parasite introduction, Bureau of Entomology and Plant Quarantine, U. S. D. A.

the natural enemies of these insects have not been included in this movement.

When we realize that probably more than two-thirds of the major pests of our agricultural crops came from abroad, we are not surprised at the activity of the Bureau of Entomology and experiment stations in enlisting foreign battalions to fight for them. The biological control of insects, however, is not a new idea, for as long ago as 1888, the Bureau of Entomology sent out explorers to various countries to make a systematic search for destructive enemies of specific insects troublesome in the United States.

California has played an important part in biological control investigations. One of the outstanding successes, as far as practicability is concerned, is the complete control of citrus-feeding mealy bugs by 2 internal parasites introduced in 1928 from Sydney, Australia, by the University of California Citrus Experiment Station.

Parasite Eats Moth Eggs

At Glendale, Calif., there is an insectary which has supplied parasites commercially for several seasons. *Trichogramma* parasites, used to destroy Oriental fruit moth eggs in peach orchards, are purchased by growers. The practice has proved universally successful the last few seasons and is becoming more and more widespread. But Southern California is by no means the only center of activity where destructive insects are being brought under control with parasites. In some of the eastern states where the Oriental peach moth has been troublesome for more than 20 years, the parasites are doing heroic work.

Scientists have found a real check for the dreaded Japanese beetle in some of its natural enemies that have been transported from Japan. Para-

POLLED SHORTHORN CATTLE

The Greatest

Polled Shorthorn Sale

Ever to Be Held in America

Fifty-two head of outstanding young show and breeding cattle, including the entire show herd of

LEWIS W. THIEMAN

Concordia, Mo.,

Wednesday, November 20

No Polled Shorthorn firm in America can claim as many international grand champions now living and members of the breeding herd. The blood of these international champions will feature this sale.

The beautiful catalogue will be ready for mailing November 4th, 1940. Get your name on the mailing list by addressing:

Clinton K. Tomson, Sales Mgr.,
37 Island Ave., Aurora, Illinois

SHORTHORN CATTLE

Lacy's Scotch Shorthorn Bulls

15 good reds and roans, 10 to 20 months old, sired by Glenburn Destiny or G. F. Victorious. Priced to sell.

E. C. LACY & SONS, MILTONVALE, KAN.

Cedar Lawn Shorthorn Bulls

Selected Young Bulls from 13 to 16 months old. Reds and roans. Sired by Sir A. Bar Siret (son of Imp. Baronet). Also Females. Federal accredited for T. and abortion.

S. B. AMCOATS, CLAY CENTER, KAN.

Milking-Bred Shorthorn Bull

for sale, 11 months old, nice roan. Duallyn and Flintstone breeding. Dam's 2-year-old record 7,487 milk, 280 fat, 12 of his 14 nearest ancestors are R. M. Also Younger Bull.

KNACKSTEDT BROS., CONWAY, KAN.

Shorthorns---Bulls, Heifers

20 Bull Calves to serviceable ages, bred and open Heifers. Good bloodlines. Polled and Horned. W. W. and A. J. Dole, Canton (McPherson Co.), Kan.

MILKING SHORTHORN CATTLE

TWENTY COWS

and Heifers, from calves to Record of Merit matrons. Send for sale list of either Bulls or Females. Get started with the breed that is going places.

Milking Shorthorn Society, Hutchinson, Kan.

Duallyn Farm Offers Milking Shorthorns

We offer bulls 1 year and younger. Also a few heifers, bred and open. We breed the real double-deckers, Beef and Butterfat.

JOHN B. GAGE, EUDORA, KAN.

Granson Gill Creek Gulman

2-year-old, out of a high producing cow. Also Younger Bulls. Priced right.

MARTIN M. GOERING, MOUNDRIDGE, KAN.

WIDEFIELD MILKING SHORTHORNS

40 head in herd, Brookside 65th in service. Cows carry the blood of Kirklington Duke, Imp. Master Sam, etc. Serviceable Bulls and Baby Calves.

Johnston Bros., Brewster (Thomas Co.), Kan.

HOLSTEIN CATTLE

BULLS FOR LEASE

Sir Inka May was recently recognized by the Holstein Breed Magazine as

"The No. 1 Great American Living Sire"; we further quote: "Standing second among all sires that ever lived to the late Matador Segis Ormsby."

Get this power-proven bloodline in your next herd sire, from

THE SECURITY BENEFIT DAIRY
Topeka, Kansas

HOW DOES THIS ONE SUIT YOU?

Registered Holstein Bull 15 months old—three nearest dams average 560 lbs. fat. Also other serviceable age Bulls, from high record dams. Sire's first six daughters average 335 lbs. fat in 341 days. Baby Bulls for lease. Herd T. and Bang's accredited. 17 years C.T.A. record.

LEO H. HOSTETLER, HARPER, KAN.

Registered Holstein Bull

Past 2 years old. Good for heavy service. Out of a 545 fat dam, his sire's dam had record of 576 fat (test 4%) good individual, with several high-producing sisters. His dam had record of 545 fat. First check for \$300 buys him.

Harry Sheltar, Conway Springs, Kan.

Shungavally Holsteins

Bull Calves for lease. Ages from a few days to 2 months.

One Bull for sale, 12 months old.

We will sell a few young cows.

IRA ROMIG & SON, TOPEKA, 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.

THONYMA HOLSTEINS

Serviceable grandsons of the all-time All-American bull, Man-O-War Progressor, for sale. From classified dams that have high yearly records.

Reed's Dairy Farm, Lyons, Kan.

GUERNSEY CATTLE

REGISTERED GUERNSEY BULLS

We have for sale Guernsey bull calves nearing service age out of sons of Bournedale Rex and cows with good production records. We would like to buy some good registered Guernsey heifers and young cows.

The Sun Farms, Lester Combs, Secy., Parsons, Kan.

8 Unreg. Guernsey Calves

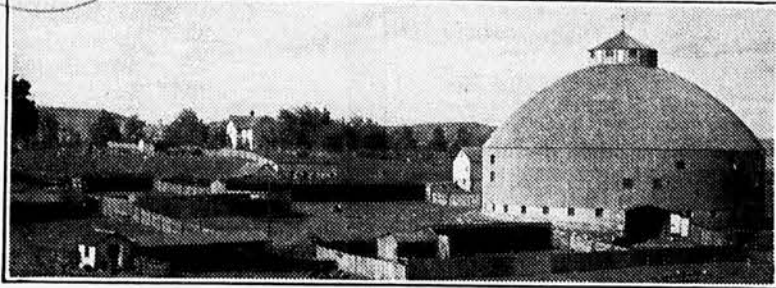
Month old, from high testing cows, sent by Prepaid Express C.O.D. 2 for \$42.50. Will send pictures. LOOKOUT FARM, Lake Geneva, Wis.



Blue Valley Hereford Ranch Annual Production Hereford Sale

Featuring the Blood of 3 Great Hazlett-Bred Sires

Saturday, November 30



50 SELECTED from our herd of over 200 mostly sired by GALEXY (a Hazford-bred bull), largely out of cows sired by RONDA'S RUPERT (son of Hazford Rupert 25th). Deeply bred ANXIETYS. Herd established 50 years.

20 BULLS—two 2-year-olds, 18 yearlings.

30 FEMALES—few Bred Cows. Remainder Open Heifers.

50 YEARS OF CONSTRUCTIVE BREEDING.

For catalogue, write

Fred R. Cottrell, Irving (Marshall County), Kansas

Auctioneers: Jas. T. McCulloch Jacob Horigon A. E. Blackney
Ed Fritz John Dunlap
Jesse R. Johnson with Kansas Farmer

HEREFORD and JERSEY DISPERSAL

On Farm Near Town

Tuesday, November 26

23 Registered Herefords, comprising 8 Cows, 3 Yearling Heifers, 1 2-year-old, 3 yearling Bulls and 8 spring Bull and Heifer Calves. Best of DOMINO breeding.

20 REGISTERED JERSEYS—all bred and many fresh sale day. Best of Island breeding. All cattle Bang's and Tb. tested. Six registered Duroc Sows and Gilts, bred.

10 Shropshire Ewes. Span 7-year-old Mules. Farm Machinery and other articles. Am leaving farm and this is a dispersion sale. For catalog, write

H. D. Plummer, Longton (Elk County), Kansas

Col. Vaughn, Auctioneer

Jesse R. Johnson, Fieldman

Public Sale Dairy Cows

On Farm Near Town

Tuesday, Nov. 26



35 head of good producing Cows and Heifers.

8 purebred Jerseys (soon to freshen).

6 Jersey Cows, heavy springers.

8 high grade Jersey-Holsteins, all bred for winter freshening.

16 Heifers, bred or open. All Cows from 6 to 8 years old. Exact dates of freshening given sale day. Tb. and Bang's tested.

For further information write owner—

C. D. SMITH, BIGELOW, KAN.

Auctioneers: A. E. Blackney, J. H. Dunlap

HEREFORD CATTLE

MILLER & MANNING'S ANXIETY 4TH HEREFORDS

For Sale: One or a carload. Bred Heifers, Open Heifers, Aged Cows with calves at foot.

Also: Load Yearling Range Bulls. These cattle are in good condition and priced to sell.

MILLER & MANNING

Council Grove, Kan.

POLLED HEREFORD CATTLE

BULLS FOR SALE

Age 8 to 14 months. Prince Domino and Pawnee Rollo breeding. These Bulls are in good condition and are the type you will like for your herd prospects. Visitors welcome.

WALBERT J. RAVENSTEIN,

Belmont (Klingman County), Kan.

ANGUS CATTLE

LATZKE STOCK FARM

offers 2 Bulls 2 and 3 years old. Also Females and Bull Calves. We invite your inspection.

OSCAR C. LATZKE, JUNCTION CITY, KAN.

Dalebanks Aberdeen Angus Farm

Bulls and Heifers of choice breeding and type. From a herd whose cattle consistently top best markets.

E. L. BARRIER, EUREKA, KAN.

JERSEY CATTLE

Production Bred BULL CALVES

Ready for light service. Sired by an excellent son of the Silver Medal bull, Raleigh's Dairylike Majesty, and out of good record cows. Also several baby calves from heifers now being tested. Head your herd with a good bull and buy him now at a reasonable price.

Write

J. M. MILLS & SON, R. S. OLATHE, KAN.

Eagle's Franz of Oz

An Eagle son in the Harry Price herd at Tescott, Kansas, up there in Saline County, shows what a good sire can do in boosting a Grade herd.

A. LEWIS OSWALD, Rotherwood Jerseys

Hutchinson, Kan.

DAIRY CATTLE

FANCY DAIRY HEIFERS

Hybrid dairy heifers, \$8. Full blood Jersey heifers and high grade Guernseys, Holsteins and Shorthorns.

SHAWNEE DAIRY CATTLE CO., Dallas, Tex.

JACKS—JENNETS—STALLIONS

YOUNG STALLION

JACK AND TWO JENNETS \$400.00.

JOHN LUCIAN, COLUMBUS, KAN.

Estimating Weight of Cows

After measuring more than 1,700 dairy cattle of various ages and sizes, the Federal Bureau of Dairy Industry has found a definite relation between the heart girth measurement and the body weight. Beginning with 26 inches, the small calf, the measurement proceeds by half inches to 92 inches, an exceptionally large cow. The bureau says the table is surprisingly accurate, varying only as much as any animal weighed for 2 or 3 days in succession. The table is for dairy breeds, and is not applicable to beef cattle.

Heart Girth Inches	Weight Pounds	Heart Girth Inches	Weight Pounds	Heart Girth Inches	Weight Pounds	Heart Girth Inches	Weight Pounds
26	80	42 1/2	248	59 1/2	622	76 1/2	1263
26 1/2	82	43	257	60	637	77	1285
27	84	43 1/2	266	60 1/2	652	77 1/2	1308
27 1/2	86	44	275	61	668	78	1331
28	89	44 1/2	284	61 1/2	684	78 1/2	1354
28 1/2	92	45	294	62	700	79	1377
29	95	45 1/2	304	62 1/2	716	79 1/2	1400
29 1/2	98	46	314	63	732	80	1423
30	101	46 1/2	324	63 1/2	749	80 1/2	1446
30 1/2	104	47	334	64	766	81	1469
31	108	47 1/2	344	64 1/2	783	81 1/2	1492
31 1/2	113	48	354	65	800	82	1515
32	118	48 1/2	364	65 1/2	817	82 1/2	1538
32 1/2	123	49	374	66	835	83	1561
33	128	49 1/2	384	66 1/2	853	83 1/2	1584
33 1/2	133	50	394	67	871	84	1607
34	138	50 1/2	404	67 1/2	889	84 1/2	1630
34 1/2	143	51	414	68	908	85	1653
35	148	51 1/2	424	68 1/2	927	85 1/2	1676
35 1/2	153	52	434	69	947	86	1699
36	158	52 1/2	445	69 1/2	967	86 1/2	1722
36 1/2	163	53	456	70	987	87	1745
37	168	53 1/2	467	70 1/2	1007	87 1/2	1768
37 1/2	174	54	478	71	1027	88	1791
38	180	54 1/2	489	71 1/2	1048	88 1/2	1814
38 1/2	186	55	501	72	1069	89	1837
39	192	55 1/2	513	72 1/2	1090	89 1/2	1860
39 1/2	200	56	526	73	1111	90	1883
40	208	56 1/2	539	73 1/2	1132	90 1/2	1906
40 1/2	216	57	552	74	1153	91	1929
41	224	57 1/2	565	74 1/2	1175	91 1/2	1952
41 1/2	232	58	579	75	1197	92	1975
42	240	58 1/2	593	75 1/2	1219		
		59	607	76	1241		

Kansas Farm Calendar

November—National Apple Month.

November 30-December 6—National 4-H Club Congress, Chicago.

November 30-December 7—International Live Stock Exposition, Chicago.

December 5-6—Kansas State Horticultural Society Meeting, Chamber of Commerce Building, Kansas City, Kan.

December 9-12—American Farm Bureau Federation Annual Convention, Baltimore, Md.

February 4-7—Farm and Home Week, Kansas State College, Manhattan.

February 18-21—Thirty-Eighth Annual Western Tractor and Power Farm Equipment Show, Wichita.

February 18-21—Fourteenth Annual Southwest Road Show and School, Wichita.

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.

Public Sales of Livestock

Jersey Cattle

November 23—W. J. Yeoman, LaCrosse. Sale on fair grounds, Rush Center.

November 26—H. D. Plummer, Longton.

Hereford Cattle

November 16—Elmer L. Johnson, Smolan.

November 18—C. K. Ranch, Brookville.

November 19—W. J. Brown and Sons, Fall River.

November 26—H. D. Plummer, Longton.

November 30—Fred Cottrell, Irving.

January 2—Kansas Hereford Breeders' Association, Hutchinson. Jerry Moxley, Manhattan, sale manager.

January 3—Will Condell, El Dorado.

Shorthorn Cattle

November 19—Dwight C. Diver and S. M. Knox, Chanute.

November 26—J. E. Bowser, Abilene.

Polled Shorthorns

November 20—Lewis Thiemann, Concordia, Mo.

Clinton Tomson, Sales Mgr., 37 Island Ave., Aurora, Ill.

Duroc Hogs

November 26—H. D. Plummer, Longton.

Sheep

November 19—Dwight C. Diver and S. M. Knox, Chanute.

December 18—Geo. D. Meritt Estate, Haven.

Registered Shropshires and Hampshires.

KANSAS FARMER

Publication Dates, 1940

November 2-16-30
December 14-28

Advertising

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

IN THE FIELD



Jesse R. Johnson
Topeka, Kansas

KNACKSTEDT BROTHERS, of Conway, are developing a good herd of registered Milking Shorthorns. They have Flintstone and Duallyn breeding.

MARTIN M. GOERING, located at Mound Ridge, has a good herd of Milking Shorthorns. Many good bloodlines are to be found upon examination of the pedigrees. Among the best is that of Hill Creek Gulman, grand champion of Kansas.

J. B. HARDEN, of Ponca City, Okla., advertised a sale of his registered Guernsey cattle in a recent issue of Kansas Farmer. In remitting for the advertising, Mr. Harden says the sale was good. Mr. Harden has the kind Kansas farmers and dairymen are looking for.

J. M. MILLS, JR., writes from Olathe that all is well with the firm and the high producing Jerseys they breed on the farm. The Mills Jerseys are of the best bloodlines and continue to improve in uniformity of the modern Jersey type. Mr. Mills says they have a number of the best young Jersey bulls ever dropped on the farm, sired by an excellent son of Dairylike Majesty.

Kansas Farmer is authorized to claim December 18 as the date of the GEORGE D. MERITT ESTATE SHROPSHIRE AND HAMPSHIRE SHEEP SALE. Mr. Meritt was one of the best-known and most successful sheep breeders in the entire country. Advertising for this important sale will appear in later issues of Kansas Farmer. The flocks are located at Haven, in Reno county.

The Hereford sales held each fall by the C-K HEREFORD RANCH at Brookville have unusual interest for breeders and commercial cattle raisers of the state. This year the sale will be held on Monday, November 18. The big illustrated catalog tells a story of breeding and Hereford quality that is of intense interest. The sale, as usual, will be held in the big pavilion on the ranch. It is an occasion to attract both buyers and students of Hereford history.

BAUER BROS., Poland China breeders, of Gladstone, just over the line in Nebraska, write more encouragingly of the outlook for the hog business. With unusual courage the brothers have stayed on in the face of discouragement, and now things look better. As the turn comes, the Bauer type of Poland will be more in favor than ever. The State Fair type, naming their great grand champion herd boar, will come to be known as a distinct Poland China type. The Bauers raised their usual good crop of spring pigs.

An interesting letter from R. E. BERGSTEN AND SONS, Hampshire swine breeders, of Randolph, tells a story of progress and enthusiasm. They have purchased the Topeka Free Fair junior champion, Sunshine Sammie. He is from a Register of Merit litter, bred at Sunshine Farms. Another boar purchased is a son of Hilite, the Minnesota grand champion. The Bergsten spring boars are heavy boned, deep and easy feeders. Most of them are sired by Will's Standard. Their boars are priced reasonably and fully guaranteed.

IRA ROMIG AND SONS, Holstein breeders, of Topeka, have one of the oldest and highest-producing herds in the entire country. Romig Holsteins win in the big shows, and always make good in new homes. For some time this firm has been furnishing bulls from high record cows to farmers and young breeders of the state without any cost except feed. This practice has met favor by those seeing the advantage of getting a bull when small, and growing him up for his service use. Just now Romigs are well fixed to supply this kind of demand.

I am always glad to call attention to the G. W. LOCKE REGISTERED RED POLLED CATTLE. Mr. Locke has been breeding and improving this great breed of cattle for more than 25 years. He maintains, I think, the only dairy in the state where none but registered Red Polls are kept. Young bulls as well as females have gone to many states, and each year the herd shows improvement. The Locke cows are real dual-purpose animals capable of making good beef and at the same time making satisfactory milk and butterfat returns. There is no better place to buy bulls of this breed.

BELDEN AND SCHUETZ HEREFORDS, at auction in the Horton pavilion, sold for a total of \$5,795, a general average of \$135 for the 43 head sold. Most all of them were calves. The herd bull, Real Prince Domino 48th, topped the sale at \$355, going to P. J. Sullivan, of Mericler. The best buyers were Lovell Bros., of Kentucky, and Columbian Stock Farms, Kansas City; that is, for the tops. However, the larger part of offering stayed in Kansas and were bought by farmers and breeders having a knowledge of the herd as to breeding, and reliability of the men making the sale.

C. D. SMITH, of Bigelow, will hold a sale of good producing dairy cows on his farm near town on November 26. The cows are good producers and all home bred. Part of them are purebred Jerseys; Others grade Holsteins and Jerseys and crossbreds. Mr. Smith sells cream to the Sabetha Co-operative Creamery, and his 22 cows, many of them in milk for some time, have paid him an average of \$140 a month for the last 5 months. This without any grain. The cows are in calf to a Charley Copelan bred registered Jersey bull. Everything including a nice lot of heifers will be tested for abortion and Tb.

Under the efficient management of Secretary and Manager Hans Regier, the SOUTHERN KANSAS ANNUAL SHORTHORN SALE held at Wichita, October 30, was a success. The offering was better than in previous sales and generally better conditioned. Dr. C. R. Hartsook, of Wichita, bought the top female from the Dillard Clark consignment, paying \$257.50. J. L. Gant, as usual a good buyer, bought the top

OSCAR C. LATZKE, proprietor of the **LATZKE ABERDEEN ANGUS FARM**, located at Junction City, reports as follows: "Please change the advertisement. We sold the heifers advertised to one of your subscribers, H. W. Wilkison, of Dwight, Kan. He also bought one registered heifer. The heifers were all purebred and of excellent quality, and will be recorded. Mr. Wilkison is establishing a herd."

bull, paying \$230 for one consigned by C. L. Wait. The 32 bulls sold for \$4,010, averaging \$125. Twenty-five females brought \$3,062.50. General average was \$124 for the 57 head sold. Thirty-two head stayed in Kansas, the rest going to Oklahoma and Texas.

KANSAS HEREFORD BREEDERS' ASSOCIATION will hold its annual consignment sale at Hutchinson, January 2. As always, the offering of carefully selected Herefords will come from leading herds of the state. Nothing but desirable cattle will be accepted for this sale. For further information regarding consignments or other matters pertaining to the sale, write Jerry Moxley, Manhattan.

H. D. PLUMMER DISPERSAL, of registered Herefords and registered Jerseys to be held on the Plummer farm near Longton in Elk county, will be of interest to many of our readers. The date of sale is Tuesday, November 26. About 25 head of Herefords and 20 Jerseys make up the offering. The Herefords carry a preponderance of Domino blood. They were all raised on the farm and sell in nice breeding form. The Jerseys are largely of Island breeding. Many of the cows and their direct descendants are close-up in breeding to Fern's Noble Champion and Volunteer's Lad You'll Do. They have good production and everything has been tested for abortion and TB. Write for catalog and mention **KANSAS FARMER**.

GOLD BOND JERSEY FARM SALE, held at Bethel, October 25, was attended by about 200 buyers and spectators. The cattle were of good quality and fairly appreciated. The mature cows sold for an average of \$103.75, bred and open heifers averaged \$70, heifer calves \$24.35, and bulls \$37.50. Iowa breeders took 17 head, and several good purchases were made by Bloss and Sons, of Pawnee City, Nebr. A few head went to Missouri, and the balance were absorbed by Kansas buyers. D. A. Rider, owner of the herd, continues with a nice lot of young cattle, headed by a young bull of excellent type and breeding. The sale cattle were presented in nice breeding form, and those in attendance went away with a fine impression of both the cattle and their owner.

J. C. BANBURY AND SONS registered Polled Shorthorns were widely dispersed at their annual fall October sale. Sixty head were sold for a general average of \$110. This, of course, included calves, older cows, etc. The bulls, many of them young, averaged \$127.50, hardly enough, considering quality and breeding. But they went into good hands, and as always are standing advertisements for the herd. Love and Love, of Partridge, bought the top cow with calf at foot for \$220. The highest-priced bull sold for \$165. V. J. Headings, Jr., of Hutchinson, was the buyer. The Banburys have an all-year-round selling program and both bulls and females are always for sale and at prices within the reach of farmers, as well as breeders. The farm and breeding establishment is located at Plevna, in Reno county.

YEOMAN JERSEY FARM will sell 40 head of registered Jerseys on the fair grounds in Rush Center, Saturday, November 23. W. J. YEOMAN is an old-time breeder and probably has more Hood Farm breeding than any other herd in Kansas. The offering is close up in breeding to the noted cow, Sophie Tormentor, and the bull, POGIS 99. Three sons from the Island-bred cow, Jacobs Smoky Maid, and sired by Hood Farm bulls have been used. This system of line breeding has made for more uniformity and heavier production. However, droughts and other unfavorable conditions have prevented satisfactory records being made. The cattle will sell in rather poor flesh, but they have heavy production back of them, and cattle bought in this sale will prove excellent investments. Write at once for catalog to Yeoman Jersey Farm, LaCrosse.

Forty years ago **J. E. BOWSER**, Abilene, laid the foundation for a herd of registered Short-

AYRSHIRE CATTLE

GRIFFITHS' PUREBRED LONG-TEATED AYRSHIRES

Herd headed by Fenshurst American Banner. Bull Calves \$25 and up. Also Cows just fresh and one 10-month-old Bull. J. L. Griffiths, Riley, Kan.

Ayrshire Bull for Sale

Yearling, from dam of good type and production. Dam of his sire produced over 600 lbs. of butterfat one year. Priced reasonable. G. D. Boardman, Bennington, Kan.

REGISTERED AYRSHIRES

1 Bull, past yearling, and 2 Heifers. 6 months. Priced to sell. G. B. CHILDERS, R. 8, WICHITA, KAN.

Livestock Advertising

—is not accepted on a word basis and cannot appear on our Farmers' Classified Page. A regular display Livestock department is maintained where all advertising appears under proper breed headings. \$5.00 per inch, \$2.80 for half inch, and \$2.00 for third inch, minimum space each insertion. This is exactly half the rate charged for all other classes of advertising.

Address **KANSAS FARMER** Livestock Department Topeka - - - Kansas

horns. His male came from the herd of John McCoy, one of the oldest and most successful breeders of the state. During the years, Mr. Bowser has bred and sold hundreds of bulls in Kansas and other states. He has culled his females carefully, and for many years has used nothing but good Scotch bred bulls. Now he is going to go deep into his herd and make a reduction sale. The date is Tuesday, November 26. The present herd bull is a son of the noted bull, Sni-A-Bar Rofox. The offering is a good useful one and will be sold without fitting. Just right to do well in new hands. Bulls from the herd have always gone out and had a big part in improving the commercial herds of the state. Write for catalog and mention **Kansas Farmer**.

For almost 50 years **FRED R. COTTRELL** has been breeding and improving registered Herefords on his Blue Valley Ranch just east of Irving, in Marshall county. Few Hereford breeders, if any, in Kansas have a longer record for faithful attention to the business of Hereford breeding. The big, round barns, built to hold more than 300 tons of hay and hundreds of bushels of grain with space underneath to house 200 head of cattle, has come to be a Kansas landmark. Sightseers come for hundreds of miles to view the ranch with its pig pastures and valleys, to say nothing of the outstanding herd of Herefords. Annual sales are held on the ranch, in the barn if weather is bad. Selections this year for the November 30 sale will be made from more than 200 head. A nice assortment of cows, open heifers and bulls, carrying generations of Anxiety breeding, make up the offering. For more information regarding the sale write Mr. Cottrell at Irving, Kan.

For more than 40 years registered Shorthorns have been continuously bred on **CEDAR LAWN FARM**, located at Clay Center. The best bred Scotch bulls have been kept in service, and the breeding cows have gradually been brought closer to the ground. Tried and proved feeding methods have been practiced to insure proper growth and development. S. B. AMCOATS, owner and manager of the herd, has had a big part in bringing up the commercial herds of Central and Western Kansas to their present standard. Travel out over that territory and note the better quality of red and roan cattle, as compared with what one would have seen a few years ago. The present crop of salable bulls and heifers was sired by a son of Imported Bronet. A 100 per cent calf crop was had last year. Good breeding quarters and comfortable housing facilities on the farm have a part in the production of larger calf crops. It is always a pleasure to visit the Amcoats family at Cedar Lawn.

ALBERT AND ARTHUR JOHNSON, of Delphos, purchased their first registered Shorthorns from the S. B. Amcoats herd 30 years ago. By constant and careful attention to the business of breeding they have developed one of the outstanding herds of uniform type Shorthorns of the state. The cattle are owned jointly by the Brothers. Each one owns his farm and the advantage of having 2 farms on which to breed and develop the young cattle is apparent to everyone visiting the farms. The Brothers have from the first insisted on the best possible selection of herd bulls. Several have come from the Tomson Brothers. But the bull making the greatest improvement was one purchased from S. B. Amcoats, a son of Divide Matchless. A dozen of this bull's mature daughters still in the herd are, I think, the equal of any 12 cows to be found in any one Kansas herd. Twenty 1940 heifer calves out of the above cows are being retained in the herd to mate with the low-set, thick herd bull, Red Crown.

BARTON COUNTY MILKING SHORTHORN BREEDERS' ASSOCIATION staged its first annual show in Great Bend, October 26. A. N. Johnson, of Assaria, judged the cattle. Thirty-eight head were shown. H. D. Sharp, secretary of the association, says the judging was highly satisfactory. There were 14 exhibitors in all. Winnings were well distributed, indicating the excellent quality of the herds in this section of the state. The exhibitors were as follows: Leo F. Breeden and Sons, Gary C. Brown and Son, Walter Clark, Russell and Clark, Morrison and Ott, H. D. Sharp, Leonard Sharp, Walter Kruckenberg, John Kneeland, Martin and Miller, all of Barton county. Outside county exhibitors were H. H. Cotton, Joe Fox, and Maview Farms, of Stafford. The attendance was good and many private sales resulted. Mr. Sharp says, "We are well pleased with results so far and know we will continue to have results from the show and general publicity. We thank **KANSAS FARMER** for all it did in helping us put on the show."

FRED R. COTTRELL, of Irving, has purchased and brought to the **BLUE VALLEY HEREFORD RANCH**, the great young bull, Arcola Domino 17th. I am mentioning this calf in this item and urging that readers who attend the Cottrell sale, to be held November 30, do not overlook seeing him. Nothing in the sale will, of course, be by him or bred to him. But it will be apparent to Mr. Cottrell's friends that this youngster will be a wonderful addition to the herd. I think he is the best bull ever brought to the ranch. He is an intensely-bred Domino. His sire, Arcola Domino, is a son of Prince Domino 26th, by Prince Domino 20th. His dam was sired by Prince Superior. However, as much as Mr. Cottrell appreciates Domino breeding, this bull would never have come to the ranch if he had not been an outstanding individual. Mr. Cottrell wants it understood that he is not selling show cattle and does not expect fancy prices. However, the cattle will be in excellent breeding condition. Sale day a calf from a milk cow and sired by a Cottrell bull will be shown and sold; he is a good club project.

RAYMOND APPLEMAN says that after analyzing the results of the **HILLSBORO HOLSTEIN BREEDERS' SALE** and the **NORTH CENTRAL KANSAS SALE** he is convinced more than ever that Holsteins are definitely in the ascendancy in every section of Kansas and growing stronger in Nebraska and Colorado. The 142 head sold in the 2 above sales brought a grand total of \$16,209, with no sensational prices. The top was only \$250 for a registered animal. This was a yearling bull. Registered cows topped at \$237.50 and grade cows in milk brought up to \$165. Considering the large numbers of grades sold and the number of calves and young cattle, bulls and heifers, there is grounds for thinking the market is growing stronger for high class, clean, honest, home-bred Holsteins. A growing confidence in the statements of men in the business is also developing. Dairy cattle, like goods sold over the counter, must be as described if public confidence is to be developed and retained. About 1,000 buyers and spectators attended the 2 sales. Gerald Farr paid \$250 for the top bull, and Joe Rosenfield, of Junction City, took the top cow at \$237.50.

Holsteins Sell for \$16,209



142 head selling in **NORTH CENTRAL** and **HILLSBORO HOLSTEIN BREEDERS' sale**—grades and purebreds, cows, bulls and baby calves—bring a total of \$16,209.00.

In behalf of the consignors I take this opportunity of thanking the buyers and all others who had a part in making the above sale a success.

FACTORS making these outstanding sales were:

Accepted consignments only from reliable breeders.

Employed capable and reliable auctioneers—
Jas. T. McCulloch,
Boyd Newcom,
Bert Powell.

Used good advertising space in **Kansas Farmer**, with help by Jesse R. Johnson.

Management and consignors agreeing to protect buyers against any and all misstatements.

BUYERS

came from Kansas, Nebraska and Colorado. My services are available for helping organize sales in districts where surplus cattle of sufficient numbers may be had for selling.

CONSIGNORS

E. B. Regier, Whitewater, Kan.
St. Joseph's Orphan's Home, Abilene, Kan.
K. W. Phillips, Manhattan, Kan.
Harvey Bros., Junction City, Kan.
C. P. Regier, Peabody, Kan.
H. J. Meierkord, Linn, Kan.
O. E. Harrison, Marion, Kan.
Hatesohl & Son, Linn, Kan.
W. F. Frerking, Herkimer, Kan.
Geo. B. Appleman, Mulvane, Kan.
Jeff Kubin, McPherson, Kan.
Wm. Rosenkranz, Washington, Kan.
Henry Topliff, Formoso, Kan.
Mrs. Wm. Stover, Linn, Kan.
Hatesohl & Turner, Washington, Kan.
Mike J. Schroll, Washington, Kan.
Ray M. Caldwell, Broughton, Kan.
Martin Woerner, Linn, Kan.
A. R. Hoffman, Haddam, Kan.
Young Bros., Haddam, Kan.
Edwin H. Ohide, Washington, Kan.
Arthur Reichert, McPherson, Kan.
Quentin & Dale Cubin, McPherson, Kan.
Pat & Ed Haverty, Linn, Kan.
John Kappleman, Washington, Kan.
Clarence Hinck, Washington, Kan.
Martin Blake, Washington, Kan.
Fred C. Duey, Chester, Nebr.

Yours for more and better Holsteins,

G. R. (Raymond) Appleman, Linn, Kan.

BOWSER'S REDUCTION SHORTHORN SALE



On farm, 8 miles north of Abilene and 1 mile west of Highway 15. 25 miles south of Clay Center, 1 mile west of 15, 1/2 mile north of Highway 18.

Tuesday, November 26

40 HEAD of well bred, good individuals selling without fitting.
30 FEMALES—comprising 20 Bred Cows and Heifers and 12 Open Heifers.

10 BULLS—two 2-year-olds. Remainder from 12 to 14 months old. Females sired by or bred to a son of Sni-A-Bar Roan Rofox (dam by Anoka Gold Cup) or Princeps Emblem (Tomson breeding). Herd established 40 years. Every animal selling was bred on the farm. Everything Tb. and abortion tested. Never have had a reactor.

For catalog address owner,

J. E. Bowser, Abilene, Kan.

Jas. T. McCulloch, Auctioneer

Fieldman: Jesse R. Johnson

Yeoman Jersey Farm Sale

On Fair Grounds

Rush Center, Kansas

Saturday, November 23

40 REGISTERED JERSEYS

Hood Farm Breeding, crossed up with **ISLAND** bloodlines. Line bred **SOPHIE TORMENTOR** 19th blood (the greatest cow of all time). Carrying the blood of **POGIS 99** (greatest sire of his day). Cows, Heifers and Young Bulls. All registered or eligible. Tb. and abortion tested. Write for catalog to owner.

W. J. Yeoman, LaCrosse, Kansas

Jas. T. McCulloch, Auctioneer

Jesse R. Johnson, Fieldman

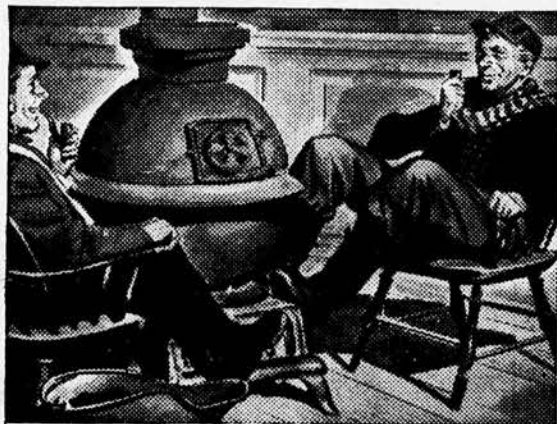


The Tank Truck

News from your Conoco Agent about Farm Fuels and Lubricants



North, South, East or West—farmers and other folks are getting ready to tear down the old calendar and start a new year. Seems the months slip by before you know it. Especially when things are going pretty well, and you're able to enjoy a breathing spell here and there. It's like David Porter says in a letter from his farm at Grover, Colorado, "... Good Oil, Good Fuel, Good Service is what a Farmer craves and is what your Company puts out. Thus my using what I figure is the best on the market, entitles me to toast my shins by the fire of the Village Hardware Dealer during a part of the



winter months while a few of my neighbors are out in the old machine shed taking up loose bearings, etc." That's the cheery way Mr. Porter ended up his letter, but maybe you'd be still more interested in the start of it, which tells about a tractor he bought second hand. Here's some more of what he wrote: "I farm 380 acres besides doing considerable custom work for my neighbors, have used this tractor through four seasons, have used no other lubricant but 'Conoco Germ Processed Motor Oil,' have been required to purchase no Motor Repairs of any nature, and valves have been ground but once in the four years." Along about that time, Mr. Porter was able to make a thumping good trade-in on a new tractor, and his letter continues, "I am well satisfied that 'Germ Processed Motor Oil' has not only saved me money in repairs but has preserved the motor in both my tractor and car, increasing trade-in values."

Now the moral to that letter is this: OIL-PLATE your own engines with Conoco Germ Processed oil—and save money and trouble.

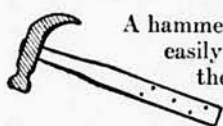
And for some snappy service, just call your Conoco Agent and let him know whether you want it in barrels, 5-gallon buckets, or those handy 5-quart and 1-quart dustproof cans. He'll deliver it right to your farm along with Conoco Bronz-z-z gasoline, tractor fuel and any Conoco Specialized greases you may need.

Plenty Say the Same

You can check Mr. Porter's experience with letters from other farmers who also have proved the value of Germ Processed oil by actual use. For instance,

THAT'S AN IDEA

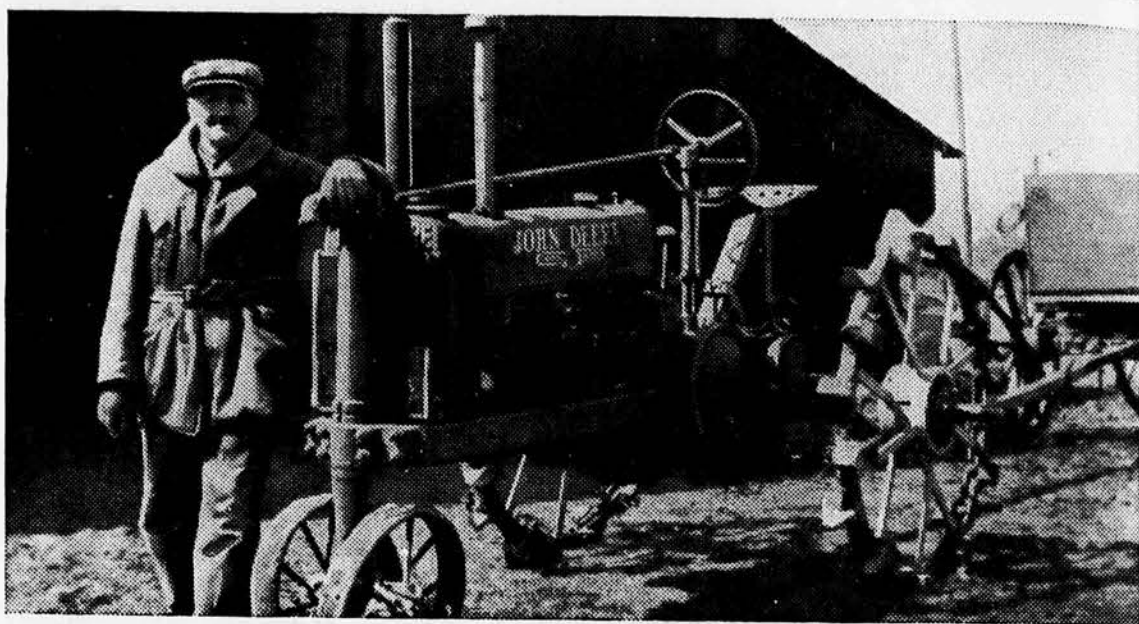
Do you know some handier way of doing things around a farm? Write your ideas to The Tank Truck, care of this paper. We will pay \$1.00 for each item we publish.



A hammer won't slip out of your hand so easily if you drill small holes through the handle and sandpaper the rough edges. Leo Vrbka, Utica, Neb.

With the holidays approaching, gather up some dead "B" batteries to burn in your open fireplace. Throw in one or two with the logs, and you'll have a rainbow-hued flame for a Merrier Christmas to all. Margaret Haugen, Hayden Lake, Idaho.

Smear light grease on doorknobs or anything that you don't want paint to stick to. Then just wipe off the knobs when you're through painting, and stray drops will come off without any scraping. Mrs. J. H. Nau, Yuma, Colorado.



Ed Monroe, who farms 1500 acres near Wakeeney, Kansas, writes, "We have been using Conoco Germ Processed oils for nearly eight years. Have found it satisfactory in every way... think it superior to other oils."

Or take this letter from William Siedenburgh of Dallas, South Dakota, saying, "My John Deere... is going into its fifth season... and in its entire service I have never used anything but Conoco Germ Processed oil... To my surprise (when overhauling) the motor was found in almost perfect condition... Germ Processed oil actually OIL-PLATES... and anyone who could have seen the perfect condition of the cylinder walls would really appreciate what Oil Plating will do... In re-assembling the motor... no shims were removed."



DAVID PORTER says they called him a "Horse Farmer" up until he got a second-hand tractor in 1935. Conoco Germ Processed oil helped him keep it in such good shape that he couldn't resist a trade-in offer he got last year. It would be pretty hard to get him back to animal horsepower now!

Now if you think it over, OIL-PLATING is just as easy to understand as the chromium-plating on your car's bumper. Every drop of patented Germ Processed oil contains an extra man-made substance which causes a layer of lubricant to PLATE itself to working parts. That's your engine's OIL-PLATING—lubricant constantly guarding vital inner surfaces against

Seeing is believing for most of us, but WILLIAM SIEDENBURGH found it hard to believe how little wear showed up in his tractor engine after 5 years of service. He says, "I thought no such protection existed in a lubricating oil. As well sold on Conoco Germ Processed oil as I am, now I know what it will do for any motor from my own real experience."

harsh metal-to-metal contact. Yes, constantly on guard, because OIL-PLATING can't all drain down, any more than chromium-plating can all drain off the bumper. Even though the engine stands idle, OIL-PLATING stays up on the cylinder walls, stays up on parts it's there to protect. Then, when it comes to starting up again, there's no lubrication delay—no fierce "dry" starting—because OIL-PLATING is already there... for as long as you use Germ Processed oil... Year after Year!

The Grease Veteran Says:

"You know, it's just as easy to do things right if you're going to do them at all. What called that to mind was the grease fittings of a car I saw the other day. Beats me how the owner ever expects to find them again when it's time for fresh grease. I'll bet he had used enough grease for three cars, and most of it was all gummed up on the outside of the fittings. Now that's bad. Maybe not so bad as too little grease, but plenty bad. Because that balled-up grease is going to be just like honey to flies. It's going to hold on to every bit of dust and dirt that touches it. And sooner or later some of the dirt will work itself inside, and cause a lot of extra wear. Yes, seems a shame to do a job that way. The owner wouldn't have grown much older in the time it would take to wipe off those fittings nice and clean."

You'll agree with the Grease Veteran that it's just as easy to grease right... and while you're about it, you certainly want to use the right grease. Conoco Pressure lubricant is made to order for that job. And once in the shackles and other bearings, it will give them just the kind of protection they need. Tacky and tough, Conoco Pressure lubricant is made not to drip or squeeze out every chance; neither will it easily wash out because of driving rain or splashing road water.

ALWAYS AT YOUR SERVICE

Your Conoco Agent

CONOCO MOTOR FUELS
CONOCO MOTOR OILS
CONOCO GREASES

