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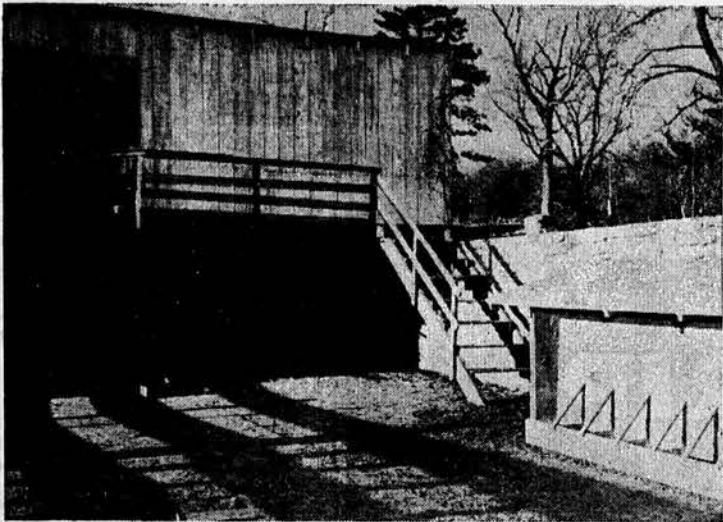
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Cap. 2

JANUARY 6, 1945

KANSAS FARMER

CONTINUING MAIL & BREEZE



This double-deck feed and farrowing house with concrete lot gives Charles Howe, Douglas county, the kind of layout best suited to his farm conditions.

These Nebraska-type, 2-sow houses on pasture are preferred by Harve Kinzie, Brown county. Feed wagon, in background, cuts down labor.

Hog House, Considering Cost, Is BEST-PAYING BUILDING

WHEN planning hog housing facilities, how much consideration should be given the well-being and comfort of the sow and pigs, and how much to convenience and comfort for the farmer who must care for them?

At first glance it might appear that the sow and pigs would be the only consideration. But in these days of labor shortages it may be essential that farmers conserve their labor and time and protect their health against more physical exertion than is absolute necessary.

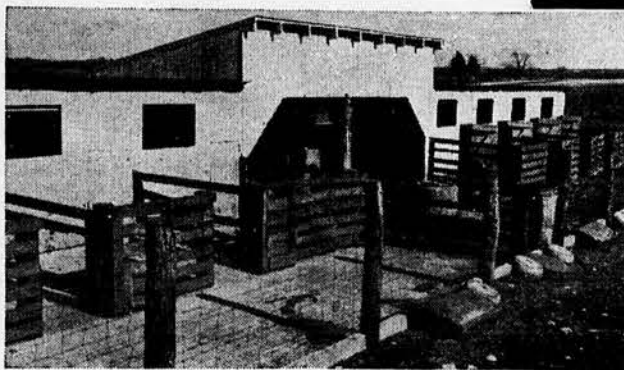
No other farm building, says a recent U. S. Department of Agriculture bulletin, brings such large returns on investment as does the hog house, yet too frequently it is the most poorly constructed building on the farm. One of the chief criticisms which may be made against the average hog house is that it is poorly lighted and ventilated if, in fact, any provision at all has been made for ventilation.

Importance of proper housing for hogs is realized when you stop to think that the hog has about the poorest natural protection against bad weather of any farm animal.

It would be a simple matter to solve the hog housing problem in Kansas if any one type of house was suitable for every farm but, as a matter of fact, the needs vary greatly by areas within the state and still further on individual farms. General climatic conditions play an important part in choosing the right type of hog house but the owner also must be governed by the layout of his farmstead, amount and location of pasture and water, number of hogs to be handled, and by the amount of money he is able to invest.

Charles Howe, manager of the Bert Nichol farm, Douglas county, likes a central farrowing house with concrete feeding pen. The farrowing house is a double-decker, with the top part for feed storage. Fitted into the side of a steep slope, the feed room is on ground level approaching from the house, while the farrowing pens are on the ground level coming from the other side. A rock wall across the

This straw-loft central house with concrete feeding floor has done well for Roy Nelson, Labette county. His layout offers a combination of pig-raising possibilities.



north side of the house and along the east wall of the feeding pen gives enough protection so the entire front of the farrowing house is left open.

Advantages of this layout, according to Mr. Howe, are that he gets better results on sanitation control than before and can take care of the sows and pigs with less time and labor. Pigs are kept on the feeding floor until weaning time, then taken to fattening pens in another location.

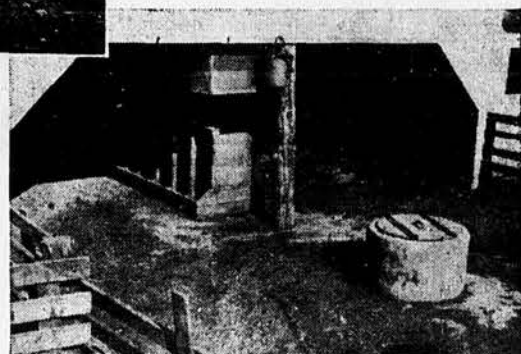
Both shed- and A-type houses are used on the farm of Howard Good, Jefferson county. While the A-type houses are much cheaper to build, he likes the shed-type better because they give more headroom and are more convenient in caring for the sows, in his opinion. He thinks there is more room for the pigs as they grow and that they can remain in the house longer. He also feels the shed-type offers more sunshine.

Considering his comfort, Mr. Good says the shed-type also offers him more protection on cold days as he finds there is considerable suction around the top of the narrow A-type house.



Howard Good, Jefferson county, uses A-type and shed-type individual houses in colonies. His son, Chester, shows arrangement for extra ventilation. Mr. Good likes the shed-type better than the A-house.

Center of the Nelson house is a loafing shed equipped with feed room and a self-feeder. In the foreground is a 6-foot reservoir connected with the well for water storage in a central location.



Altho he is not entirely satisfied with the A-type house, Mr. Good has done his best to make it fit his needs. His first houses of this type had a single, small door in front at the bottom. He has improved this with a double door for easier entrance, and also has made a triangular hinged flap at the rear top for added ventilation on nice days.

Putting extra openings in such houses is not recommended on the theory that they weaken the structure and make the houses drafty, but when the weather is bad Mr. Good banks his houses with straw anyway, so the extra opening at the rear is [Continued on Page 17]

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Livestock Champion

Bob Heinz, Ford county 4-H Club member, has been chosen by the state 4-H Club office as state 4-H Club livestock champion, it is announced by John P. Perrier, Ford county agent. Young Heinz is a son of Mr. and Mrs. J. H. Heinz, southwest of Dodge City.

First Time

A meeting of the American Poultry Association in connection with the State Poultry Breeders' Association, will be held at the City Auditorium, Topeka, January 11. This will be of vital importance to all interested in the Kansas poultry industry. This will be the first meeting of its kind ever conducted in Kansas.

Livestock Meet Soon

Dates for the 32nd annual convention of the Kansas Livestock Association, at Wichita, have been set for Tuesday, Wednesday and Thursday, March 13, 14, and 15. As usual, the convention will be held at the Lassen Hotel.

No definite program has been announced but nationally known speakers have been invited and some already have accepted. All indications are that the convention will be as good or better than those previously held.

Honor to Three

Certificates for outstanding service to agriculture were presented to 3 Kansas county agents at the recent Chicago convention of the National Association of County Agricultural Agents. The 3 Kansans honored are Joe M. Goodwin, Linn county, V. E. McAdams, Barton county, and Henry J. Adams, of Republic county.

To qualify for the distinguished service award a county agent must have been an agent or assistant agent for 10 years, must have taken graduate work in addition to his college degree and must have developed an outstanding program for serving the farmers in his county, and must be an outstanding leader.

Hold Tractor Schools

A series of 41 one-day tractor maintenance schools, to prepare Kansas tractors for the 1945 season, has been announced by John M. Ferguson, acting head of the Extension engineering department, Kansas State College.

Last year between 60 and 70 per cent of all the tractors in Kansas were repaired and ready for action by the end of February. That record may be surpassed this year. Schools will be conducted by Extension engineers, assisted by local implement dealers.

The program is on a 2-year basis, with about half of the Kansas counties being covered each year. Following the tractor schools, instruction in maintenance and repair of tillage and seeding equipment will be given in February and March, then schools on harvesting equipment care will be held in March and April.

Senator Capper on Radio

Every Sunday afternoon at 4:45 o'clock Senator Arthur Capper discusses national questions over WIBW radio station.

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... "Postwar Marketing"



Clifford R. Hope
... "Postwar Agriculture"

Discuss Home-Front Problems

At 74th Annual Agricultural Convention, January 10 to 12

AS IT approaches the end of the third quarter of a century of service to the chief industry of Kansas, the State Board of Agriculture will hold its 74th Farmers' Annual Convention in the Municipal Auditorium at Topeka, January 10 to 12, 1945.

Wednesday, January 10, from 2 until 4 o'clock will be occupied with the registry of delegates and filing of their certificates. At 4 o'clock, President Gaylord R. Munson will call the opening session to order, for roll call, appointment of committees, reading of

minutes of previous meetings, and the report of the committee on credentials. This session will be followed by the famous "Get-Acquainted" dinner served on the roof garden of the Hotel Jayhawk at 6:30 p. m., President Munson acting as toastmaster. To participate in this dinner it is not necessary that one should be a delegate.

Kansas has the best Governor east or west of the Mississippi. He will extend a greeting to the diners who always like to see him and hear him. A unique and particularly interesting feature of the dinner program is the part set aside for honoring I. D. Graham, a veteran and versatile Kansan whose lifetime has been devoted to Kansas agriculture and its improvement, and who for the last 26 years has been an invaluable member of the staff of the State Board of Agriculture. His co-worker all these years, Secretary J. C. Mohler, will present Mr. Graham and give a resume of his notable career. Then comes Tom Collins, the famous wit, who will ask whether we are traveling or going somewhere? Two national prize-winners in 4-H Club work, Dan Zumbrunn and Earl Brown, will be introduced by Paul B. Gwin, county agent of Geary county.

In order that the all-engrossing subject of war may be at least temporarily laid aside, the program on Thursday morning, January 11, is centered upon essential problems of the home front. Such problems not only afford mental relief from the heart-breaking doubts and memories of war news, but they may be strengthening to both incentive and courage to carry on. The subject, "Wildlife and the Farming Industry," as presented by Walter P. Taylor, seems good for a direct hit. Mr. Taylor comes to us from the Texas

Wildlife Research Unit at College Station, and ranks high as an authority on wildlife conservation. While wildlife includes enemies of effective agriculture, it also numbers very many friends, and accurate knowledge of both should be had rather than the local rumors and myths of half-knowledge so common in the legends of infancy.

In "Windbreaks, Woodlots and Farm Forestry," Prof. William F. Pickett, head of the department of horticulture at Kansas State College, will supply a fund of experience gained since the futile days of government "Timber Claims" of regretful memory. This subject will tie in with the wildlife of the preceding address to a greater or less extent as well as being valuable in itself.

"The Kansas Soil Conservation Program" will be presented by Fred J. Sykes, state conservationist, Salina, who has about one half of the Kansas counties enrolled in this project and is doing a fine job in this important field of progress.

Recess will be taken at 11 o'clock for an early lunch time, so all may return to the hall promptly at 12:30 for the address by Congressman Clifford R. Hope that will be broadcast as the first address in the afternoon session. This will be on "Postwar Agriculture." As you well know, Congressman Clifford R. Hope is ranking member of the Committee on Agriculture of the U. S. House of Representatives. His message will be broadcast by radio in the hall over Station WIBW, of the Capper Publications, Topeka, thru the courtesy of Station KSAC, Manhattan.

"Postwar Marketing for American Farm Products," will be discussed by Henry C. Taylor, director, The Farm

Foundation, Chicago. Educated at home and abroad, Mr. Taylor's lifetime has been devoted to agricultural economics, first with Wisconsin University, followed by many years in various responsible positions with the U. S. Department, and memberships in national and international associations and commissions, and finally as director of the Farm Foundation of Chicago since 1935. He is a master of the topic he will present.

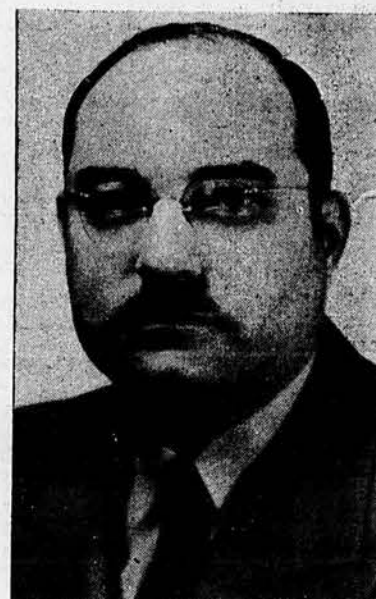
"A Kansas State Marketing Agency," will be presented by Prof. W. E. Grimes, head, department of economics, Kansas State College, whose reputation as an authority on economic problems is not bounded by state lines.

The evening of Thursday will be devoted to dinner meetings and caucuses of the various district delegations.

[Continued on Page 16]



Prof. W. E. Grimes
... "State Marketing Agency"



Dr. Charles W. Bower
... "Livestock Disease Control"



F. B. Ross
... "What About Schools?"



Walter P. Taylor
... "Wildlife and Farming"



Tom Collins
... "Famous wit"



Prof. William F. Pickett
... "Windbreaks, Woodlots"

RECENT developments in Europe, and the growing awareness that the Japanese war also may be a long war, indicate that American farmers may be called upon to increase their production of food and feed even beyond what they have accomplished by herculean efforts in the last few years.

The immense destruction of materials and equipment during the bad weeks in Belgium also means that the manufacture of farm machinery and equipment, particularly tires, for farm use in the United States may be delayed months beyond what was planned last summer and fall. The relaxation of rationing of foods, particularly meats, last summer and fall has been followed now by a severe tightening. How much of this was caused by the shock of Germany's destructive drive thru our First Army I cannot say. At any rate it indicates that the Office of Price Administration either believes there are shortages instead of surpluses ahead, or that a return to controls is one of the best ways of reminding consumers there still is a war to be won.

I think it is high time that President Roosevelt gets together the leaders of our two major Allies, Prime Minister Churchill, of Britain, and Marshal Joseph Stalin, of Russia, and tells them flatly that they ought to get back on the beam and help finish the war against Germany with a complete victory, instead of diverting so much of their efforts to mending their political fences in the Balkans and the Mediterranean.

After all, this war against Germany is their war as well as ours. I believe I can appreciate Mr. Churchill's interest in keeping the Mediterranean areas in the hands of governments friendly to Britain—the life line of the British Empire runs thru the Mediterranean. I believe I also can understand why Mr. Stalin feels it in the long-run interest of Russia to extend the Russian Empire far enough into Europe to discourage future attacks by any western European power.

But when their actions relieve the pressure on Germany's eastern front, and release armies and materials and equipment to be hurled thru our armies on the western front, at the cost of tens perhaps hundreds of thousands of American casualties, I believe the Allied leadership ought to get together on at least one war aim—the defeat of Germany.

In the session of Congress which opened last Wednesday it looks as if I will be busier in the Senate Committee on Foreign Relations than in the Committee on Agriculture this year. Prolongation of the war for perhaps several added years means the continuance of present national farm policies and programs, more than likely with increased subsidies on foods and feeds to prevent rises in consumers' food costs. My Kansas col-

FARM MATTERS

As I See Them

league, Senator Reed, and myself and a dozen other Senators from beef-producing states, spent some of the Christmas "holidays" trying to prevent the OPA from putting in a live-cattle ceiling-price program which we felt—and which the War Food Administration also feels—will so demoralize the cattle industry that beef production in the feed lots of the Corn Belt will be held down hundreds of million pounds below what will be needed for the armed forces and our civilian population next year.

There is a shortage in pork in sight already for 1945. The WFA hoped to make that up in part by feeding beef cattle to heavier weights. But WFA is fearful that the OPA's live-cattle ceiling program—which looks good on paper to the economists of OPA—will result in entirely too many cattle being marketed for slaughter without having the extra 200 pounds to the head put on in the feed lots.

The WFA, whose job is to get the food produced, has been fighting off these live-cattle price ceilings for nearly 2 years, with the backing of members of Congress who are acquainted with the problems of meat production.

Agriculture Leads the Way

I ALWAYS am sincerely interested in the annual Agricultural Convention that is assembled at Topeka, early in every new year. This time it will be held January 10 to 12, 1945, and as you know, it is the regular Kansas State Board of Agriculture meeting. Those attending this seventy-fourth annual convention will come from every county of the state, and they will represent every currently operating farm organization in Kansas.

I think it is entirely fitting that an agricultural state such as ours, and I say proudly a leading agricultural state of the Nation, should start off another year with many of its leading farmers meeting to study the problems ahead, and helping to make important decisions about our agricultural future.

My farm friends meeting in Topeka this month, as well as those at home thruout the state, will be confronted by problems and decisions, greater in number and importance than ever before. You realize this the same as I do. Yet I look to this annual farm meeting, and subsequent farm accomplishments, with a satisfied confidence. I know

Kansas farm people will measure up to every demand—more than measure up. They have in the past and they will in 1945.

Among the problems ahead of Kansas farmers are three of outstanding insistence—increased aid in winning the war, readjustment in the postwar period, and attaining parity prices for farm output. Each one is a challenge, and while Kansas farms have been reduced in numbers somewhat, this does

not mean there is a reduction in farming. Some small farms have been merged to make larger holdings. But whether large or small, with modern equipment and mechanical power, Kansas farmers are doing a tremendously successful job of farming.

That first and most important problem of greater aid in winning the war has been met with the best efforts of our farm families. Victory is nearer today because you not only did your job, but you also did the jobs of those who are away on fighting fronts or in essential factory jobs. I know the kind of war resolution that will come out of this great farm meeting this month in Topeka. I know the kind of resolution that will live in your minds and hearts until the enemy is utterly routed.

Readjusting your farming business in the post-war period naturally must be on an individual basis first of all, then on a co-operative basis. And there is no better place to discuss this great problem than in a meeting such as the coming Agricultural Convention. There is an element of safety, and a strengthening of resources, in such consolidation of position thru an exchange of ideas, experiences and information at this great farm convention. This is a super-forum where the personal contact and spoken word of experience may yield a bountiful harvest of useful ideas. And so the old axiom that "In a multitude of counsel there is wisdom" still stands untarnished by the years.

About that third challenge, attaining—or should I say maintaining—parity prices for farm output, there is only one honest way to look at it. And here it is. Farmers must have prices for what they sell that are equal, dollar for dollar, to the prices of things they must buy. I shall bend every effort during this new year to see that farmers do not get the short end of the deal. I hope you will write me freely and frankly on this subject whenever I can be of help.

Now, as a native born Kansan, it is my hope that my farm friends will crowd the hall of this next Agricultural Convention, that their discussions may continue to be a source of information and inspiration for every farmer in the state, and for my work in Washington.

Arthur Capper

Washington, D. C.

Income Tax Time on Higher Farm Income

By CLIF STRATTON

Kansas Farmer's Washington Correspondent

WASHINGTON, D. C.—Farmer's declarations of 1944 income tax for 1944 are due January 15, 1945. Final returns are due March 15, 1945, but a farmer may, if he wishes, file a final return on January 15, pay the tax on that return, and then no further final return for 1944 will be required.

Cash Receipts Higher

Preliminary estimates by the Bureau of Agricultural Economics place cash receipts from farm marketings for 1944 at around 20 billion dollars, nearly a billion more than the 1943 record.

Total receipts from farm marketings, January thru November, amounted to 18,430 million dollars, 6 per cent above the 1943 receipts of 17,312 million dollars. Income from crops was about 10 per cent greater than 1943, and from livestock and livestock products 4 per cent under last year. Food grains showed the greatest gain of any of the commodity groups, with an increase of 32 per cent over 1932.

Up to November, 1944, farm real

estate values went up 60 per cent or more over 1935-39 values (dollars) in 8 states: Montana, Wyoming, Colorado, Michigan, Indiana, Kentucky, Tennessee and South Carolina.

Ohio, North Carolina, Georgia, Mississippi, Arkansas, New Mexico, California, Washington, Oregon and Idaho registered gains between 50 and 59 per cent.

Missouri, Arizona, Iowa, Louisiana, Alabama, New Jersey, Delaware and Virginia show gains between 40 and 49 per cent.

Increases in farm land values in Kansas, Oklahoma, Texas, Utah, Nevada, Minnesota and Pennsylvania are listed as between 30 and 39 per cent; Wisconsin, West Virginia, Florida, Maine, New Hampshire and Vermont, from 20 to 29 per cent; New York, Massachusetts, Connecticut, Rhode Island, Nebraska, South Dakota and North Dakota, between 10 and 19 per cent.

Veterans' Administration plans for guaranteeing loans up to \$2,000 each for veterans purchasing farm lands may not push up farm-land values as much as some speculators are figuring. In the first place, the Government is not lending any money to veterans for land purchases. It will guarantee up to 50 per cent of loans made by regular lending agencies, government, corporate, private, within limits set by law and regulations issued recently by the Veterans' Bureau. As loans are paid off, the Government and the private lender share on the same basis as the loan was made; that is, if it was a 50-50 loan, Government and private agency each will get half of each payment and each will share likewise in the unpaid balance.

The act itself provides for granting to an (it doesn't say "any") eligible veteran "the guaranty of a loan to be used in purchasing any land, building, livestock, equipment, machinery, or

implements, improving any buildings or equipment, to be used in farming operations conducted by the applicant,"—if the Administrator finds that:

"The loan will be used for the purposes described;

"Such property will be useful in and reasonably necessary for conducting such operation;

"The ability and experience of the veteran, and the nature of the proposed farming operations to be conducted by him, are such that there is a reasonable likelihood that such operations will be successful; and

"The purchase price paid or to be paid by the veteran for such property does not exceed the reasonable normal value thereof as determined by proper appraisal."

Careful With Appraisals

The general rule established by the Farm Credit Administration for land bank and commissioner loans, that the value of the farm be based on probable income that can be realized from operation (Continued on Page 15)



Today, when battle flags are flying, WINCHARGER EQUIPMENT is serving too.

On the farm labor front it helps relieve critical shortages by taking over numerous drudging tasks... saving hours of precious time. It can pump water. It can make milking so easy that a girl or woman can do the job in less time. It can separate the milk. It can save up to 1½ hours of chore time daily. It can serve as farm labor.

On the farm food front it can increase production of milk, meat and eggs. It can keep these foods in fresh and usable condition longer, avoiding needless waste.

FOR BETTER RURAL LIVING TOMORROW!

Yes—WINCHARGER EQUIPMENT is serving too. ... And, tomorrow when Peace is won it will continue its service. It will bring Electrification to Rural America. It will make it possible for thousands of American homes to have the comforts and conveniences of modern living. ... And, what's more, it will do its share to aid tomorrow's farmer to get more profit for many of the products he sells. WINCHARGER EQUIPMENT will serve Rural America both in War today—and in Peace tomorrow.



WINCHARGER RURAL ELECTRIC SYSTEMS

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Uncle Sam Says . . .

No Market Glut

WFA sales of government-owned foods totaled \$1,219,748 for October. Fruit and vegetable products made up \$913,322 of the amount, dairy and poultry products \$79,338, fats and oils \$760, grain and cereal products \$208,224, and special commodities \$18,104.

Hatching Eggs Short

Number of commercially hatched chicks produced in October was about one third less than produced in October, 1943. Supply of hatching eggs still is reported to be short of demand.

Fruit Sells Higher

Prices received by farmers in 1944 for fruit, both citrus and deciduous, generally were at levels about twice the averages for the 1935-39 period. The 1944-45 citrus crop is expected to be only about 6 per cent smaller than the record preceding one. Aggregate production of the 8 major deciduous fruits in 1944 is expected to be about 20 per cent larger than in 1943, and 8 per cent larger than the 10-year average.

A Tight Squeeze

Compression of dehydrated vegetables to save additional space and weight is getting experimental attention. A new 40-ton, highly adjustable press is now at work at the U. S. experimental station, at Beltsville, Md. This press can be used to press any kind of dehydrated vegetables at pressures up to 5,600 pounds a square inch, and the pressure may be held at any point for a specified time, a factor that appears to be important in preparing briquettes that will hold their shape.

Preheating of the food is imperative in producing highly compressed and noncrumbling briquettes. Quick-cooling compartments have been constructed in the laboratory to determine whether deterioration of quality in food briquettes has been the result of retention of original heat in the interior of the mass for a long time after compression.

Might Get Relief

Current cutbacks in military orders may provide additional capacity for production of food processing machinery for civilian use between now and end of the European war. WPB says quotas probably will be increased for

production of tobacco, beverage and confectionery processing machinery, which have had the lowest quotas of all industries.

Same Spud Price

WFA has extended thru April, 1945, the basic price schedule in the 1944 price-support program for Irish potatoes. Extension of the price-support commitment is expected to encourage growers and shippers in surplus-producing states to sell at a normal rate.

To Help Move Wheat

To enable sellers to dispose of wheat outside their normal marketing areas, and thus facilitate movement of grain to points where it is needed because of shortages, the OPA has authorized producers, country shippers, and merchandisers of wheat to add transportation costs to their basic ceiling prices at shipping points.

Rich in Riboflavin

Most frequent "danger point" in the American diet is riboflavin, say food economists of the U. S. D. A. While milk is probably the most important source and supplies about half the amount in our national diet, liver, kidney, cheese, eggs, and some greens, like kale, are richer in riboflavin. Other good sources of riboflavin are meats, fish, poultry, dry beans, peas and peanuts.

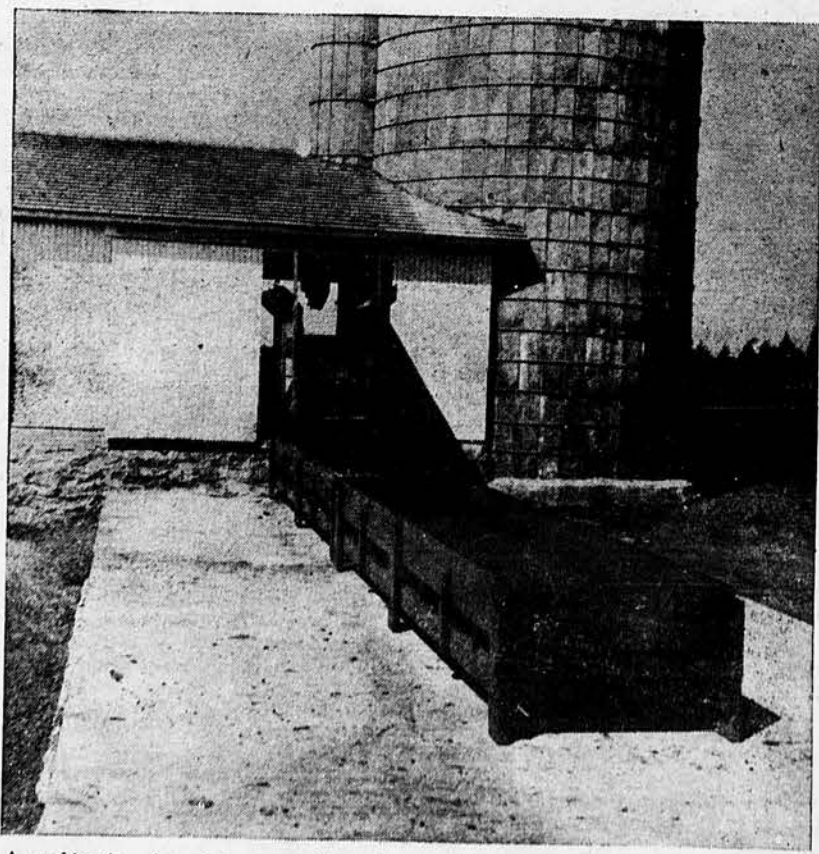
New Bean Ready

A new bush lima bean, Fordhook 242, reputed to be the top-ranking new vegetable of 1944, now is ready for 1945 seed distribution, says the U. S. Department of Agriculture. Bred up thru 6 generations of selected seed, the new bean has wide adaptability and generally outyields all others.

Quick Moisture Test

A new apparatus which, when making moisture tests, will completely remove all "free moisture" from flour, cereal products and like materials without damaging other ingredients, has been announced by WFA. Operated by use of high frequency electric current, the new apparatus makes it possible to remove varying amounts of moisture simultaneously from several samples of material, permits a quicker determination of moisture content than now possible.

Makes Cattle Feeding Easier



A combination of good, farm-tested practices make cattle feeding pleasant and efficient on the farm of Homer Livergood, Osage county. The feed room is built around the opening of the silo-feeding chute. Silage and grain are dumped into a cart which can be rolled out onto the bunks, which are placed on a concrete-feeding floor. In cold weather the feed-room doors can be closed for comfort while filling the feed cart. Feeding time is cut at least 50 per cent as no hauling is done. The cement floor pays for itself every year, says Mr. Livergood, because cattle will put on more pounds of beef on the same amount of feed if they are not wallowing in deep mud.

An Army That's Never Been Beaten



A vast American agricultural army doesn't know the meaning of defeat. These millions of American farm and ranch people are advancing along the road to final victory, shoulder to shoulder with the men and women in the armed services. No "E" flags fly from the bridge-poles of their barns... no medals pinned on their shirt fronts. Their reward is the inner satisfaction of a job well done.

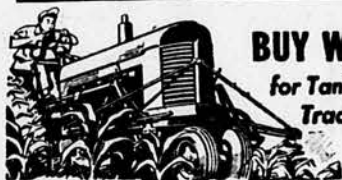
Look at their record of victories! In 1944, food production again reached an all-time high—158,950,000 meat animals were slaughtered; 3,101,000,000 bushels of corn, 1,115,000,000 bushels of wheat; dairy products, poultry, eggs, etc., in record or near-record quantities! And because they produced all this food, the meat packing industry was so able to process and distribute a record volume of meats—25 billion pounds.

Each year since the war started, what seemed to be "impossible" goals were set for food production. Each year these objectives have been reached and surpassed in spite of shortages of help and machinery. Farmers and ranchers have produced the staggering tonnages of foods required to feed millions in the armed services and the rest of the nation at home.

America is proud of the victories won by this Army That's Never Been Beaten."

\$5.00 FOR YOUR GOOD IDEAS!

Practical ideas which you have found helpful around your farm or ranch are worth money. We invite you to send in brief descriptions of any original idea or handy gadget that has helped you in your farm or ranch work of producing livestock, dairy and poultry products, soybeans, cotton or other crops. Selected ideas will be published on this page, and we will send you \$5 for any item of yours which we print. Items cannot be returned to the senders. Mail your ideas to Swift & Company, Agricultural "Good Ideas" Editor, Chicago 9, Illinois.



BUY WAR BONDS

for Tanks today and Tractors tomorrow

CEILING PRICES ON LIVE HOGS



Under the present regulations, the ceiling price for all live barrows and gilts is \$14.75 per hundredweight and for all sows, stags and boars the ceiling is \$14.00 per hundredweight.

These ceiling prices are for Chicago only, and vary from market to market. The difference between the ceilings for sows, stags and boars, and for barrows and gilts is 75c at all markets, however.

Present support prices are as follows: "Good" to "Choice" barrows and gilts that weigh between 200 and 270 pounds have a floor price of \$12.50, Chicago basis. At terminal and interior markets other than Chicago, the support price is \$2.25 below the ceiling price (as of Nov. 15, 1944) at that market for hogs within the 200 to 270 pound weight range.

These support prices will remain in effect until June, 1945.

What's Ahead for 1945?



FREE MOVIES

Three professionally made talking pictures: (1) Cows and Chickens, U. S. A., (2) Nation's Meat, (3) Livestock and Meat, of intense interest to farmers and ranchers. Ideal for farm and livestock organizations, lodge, club or school performance. All you pay is transportation one way. Can use these films only on a 16 millimeter sound projector. Please order a month in advance.

WHAT DO YOU KNOW?

- In what country do the people eat more meat per person—United States, Australia, Argentina?
 - How many slaughterers compete in buying U. S. livestock—10, 1500, 25,000, 800?
- Answers elsewhere on page.



More than 55,000,000,000 produced in U. S. in 1944—420 eggs for every man, woman and child

Another new year starts, full of promise, and questions for American agriculture. Will the war end in 1945? How much food will Europe need from us? Will rationing and price controls be relaxed? What about the feed situation? These are but a few of the "ifs" we are up against when we make plans for the coming year. To help livestock producers, we here condense opinions recently expressed by War Food Administration economists.

CATTLE: They foresee for '45 an increase in the number of cattle and calves slaughtered, partially as a result of the tendency to reduce the size of herds. They also expect an increase in the number of cattle fed for slaughter. From 1946 to 1949, they expect a gradual decline in slaughtering, with yearly slaughter around 28 to 29 million head.

HOGS: Their estimate of total 1945 hog slaughter is about 79 million, against approximately 100 million in '44. They expect hog production in 1946 to be close to 1945 levels, depending on the feed situation.

SHEEP, LAMBS: Slaughter in '45 will likely be the smallest since 1929, due to recent selling of breeding stock. By 1946, they see a demand far exceeding the supply, leading to possible expansion of flocks over the following five years. This trend may be upset by wool-factor uncertainties.

We have a pamphlet on "Beef Cattle Prospects for 1945," by C. W. Crickman, Economist of the Bureau of Agricultural Economics, U. S. D. A. Want a copy free? Mail your request, attention F. M. Simpson, to Swift & Company, Chicago 9, Ill.

Swift & Company CHICAGO 9, ILLINOIS



THE EDITOR'S COLUMN

In nearly 20 years with Swift & Company, I have talked with thousands of farmers and ranchers in all sections of the United States, and have tried to bring about a better mutual understanding in the American

livestock and meat industry. I have benefited greatly from these talks. But even in 20 years, a man can get the viewpoint of only a relatively few people. That is why this page has been born, so that we can talk things over with more of you than it is possible to do personally. We want your constructive ideas, views, and thoughts for the betterment of the livestock and meat industry. We will welcome your suggestions and fair criticisms. Any questions you raise will be answered in these columns, or by letter.

Should you feel like writing me a letter about any agricultural matter, please do so. Or if you are in Chicago, drop in at my office at Swift & Company, Union Stock Yards. If you haven't time to visit, perhaps you can phone me at this number—Yards 4200, local 710.

May the new year bring to all of you good weather, good crops, good returns for your work, good health, and an end of war.

F. M. Simpson.

SODA BILL ALLOWS:

- If you use all the steam to blow the whistle, what'll you do for power to turn the wheels?
- A man is successful when his earnings catch up with his yearnings.

"What do you know" Answers

- (1) Argentina
- (2) 25,000



NUTRITION IS OUR BUSINESS — AND YOURS

Right Eating Adds Life to Your Years, and Years to Your Life

Need Marketing Agency

Kansas Lags Behind on This One Point

SEVERAL important legislative changes affecting farming have been recommended by the State Board of Agriculture for consideration of the Kansas legislature in the coming session. "We are not sponsoring any legislation," states J. C. Mohler, secretary of the state board, "but we recognize the needs of agriculture within the state, and feel that Governor Schoepel and members of the legislature should have the benefit of our recommendations for certain types of legislation designed to benefit the industry."

Pointing out that Kansas ranks among the 8 leading agricultural states of the nation, yet is one of only 6 or 8 not having a marketing agency, the board recommends that legislation be enacted establishing a state agricultural marketing agency. It would be empowered:

To develop a system of sales pro-

motion and advertising for the state's agricultural products. To promote development of improved agricultural marketing practices which will increase sales and bring to individual producers prices that reflect quality of product. To improve standardization and grading of Kansas farm products. To facilitate efficient merchandising of agricultural products by constant study of markets, marketing methods, consumers' preferences, new outlets, and other essential factors. To co-operate with boards, commissions, agencies and institutions of the state in carrying out a marketing program, including education and research.

An effective state agency, aggressively conducting a modern marketing program along broad lines, should prove a valuable instrument in building our agriculture as a whole. It ought to be particularly useful in helping to meet the inevitable postwar adjust-

ments, and among which marketing is bound to loom as a major problem.

Must Revise Water Law

A recent decision of the supreme court has made it necessary to revise legislation on protection of water use. The state board is recommending legislation that will recognize and protect the beneficial use of water, and that will prescribe the procedure and define the conditions under which a right to the use of any portion of it may be acquired by those desiring to develop water supplies.

Since development of water supplies for irrigation and other uses is dependent upon permanence of the right to use water from the natural resources of the state, it is essential that such development be assured of its right to the continued use of water and be protected against possible depletion of the supply by later users.

Bounty Plan Not Enough

Predatory animal control is another worry of the farmers and of the State Board of Agriculture. Mr. Mohler points out in his biennial report that

Catch the Thieves!

A reward of \$300 is being offered by Adam Molz, Deerfield, for information leading to the arrest and conviction of those responsible for the theft of a large number of cattle from his Kearny county ranch.

Cattle stolen from the Molz ranch included 36 Whiteface cows 3 and 4 years old, and from 25 to 40 6-months-old Whiteface calves.

Cattlemen in Western Kansas have been reporting an increase in stolen cattle the last 2 years.

despite greatly increased expenditures for bounties for killing coyotes, the number of these animals seems to increase annually. Coyotes in 1943 had increased about 22 per cent over 1942. Reports from 62 counties disclosed that 3,398 farmers lost more than 20,000 chickens, 8,000 turkeys, nearly 3,500 sheep, 500 cattle, and 300 hogs from coyote depredations.

Most of this damage, it is said, is caused by outlaw packs which kill for pleasure and which are too wary for the amateur hunter or trapper. Some legislation that would go beyond the bounty law is sought to curb losses.

No Protection Here

The weights and measures law on our statute books, enacted in 1909, is outmoded and of no protection to the people, states the board's biennial report. It should be repealed by a modern law or revised to give accuracy in weighing and measuring devices used in the sale of consumer goods and in the buying of the farmers' produce and livestock. The remedy lies in legislation that will afford periodic inspections and tests under expert supervision. Conditions as they exist in Kansas were illustrated when the Federal Bureau of Standards tested 71 scales in various points in the state and found 44 inaccurate, their defects covering a considerable range.

Bindweed Still Spreading

Unless some law can be passed to control spread of bindweed as well as its eradication, the spread may exceed the eradication, it is stated in the biennial report. Seventy-five per cent of the owners of bindweed-infested land are co-operating with eradication, and 50 per cent of all infested areas are either eradicated or under treatment, but new infestations constantly are appearing. This is due to spreading by custom combines and threshing machines, and to distribution of infested feed, nursery stock and mill and elevator screenings.

Recommendations by the board include the following:

Provide for controlling spread. Give weed supervisors and proper officials right to enter properties at any reasonable time for purposes of inspection and locating bindweed infestations. That township boards be authorized by law to purchase and operate at actual cost cultivation outfits for eradication work for landowners; that the legislature declare Russian knapweed and hoary cress as noxious weeds. The incorporation of an optional clause in the present law that would permit county officials to co-operate with landowners when and where desired, in suppressing other dangerous weeds.

87 Meat Recipes

A new meat cook book for 1945, "Timely Meat Recipes for Meal Appeal," has just been published by the National Livestock and Meat Board. This is more than just a recipe book. In addition to a new collection of 87 tested recipes, its 40 pages include complete menus built around each meat dish given. Also, helps on buying meat, facts on the food value of meat, and pointers on cooking meat the modern way, are given. The booklet has many illustrations in color. Anyone interested in having a copy of this recipe book may address Farm Service Editor, Kansas Farmer, Topeka. It is free.

A BASIC TRACTOR PRINCIPLE



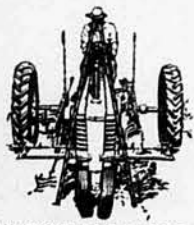
ROOMY PLATFORM—Located well forward—enables you to operate a John Deere while standing up or sitting down.



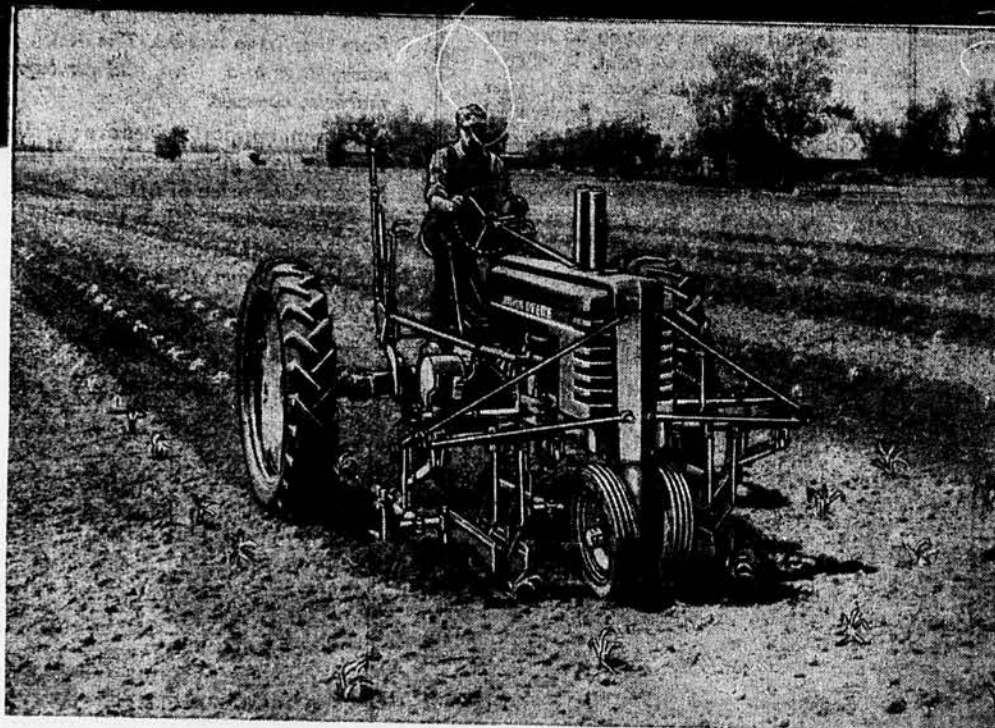
HAND CLUTCH—Operated from a sitting or standing position or from the ground. An important safety and convenience feature.



HYDRAULIC POWER LIFT—A time- and muscle-saver developed and pioneered by John Deere.



UNEXCELLED VISION—High, centered seat location, combined with narrow tapered hood, gives you an unobstructed view of your work.



TWENTY years ago, the first John Deere Tractor was purchased by a Waterloo, Iowa, farmer. Today there are hundreds of thousands of John Deere Tractors on farms.

Down through the years, thousands of owners have purchased their second, third, and fourth John Deeres. Thousands who operate larger farms have two, three, or more John Deere Tractors which are furnishing economical and dependable power.

That first John Deere Model "D" had only two cylinders. Every John Deere Tractor today, likewise, has only two cylinders. Two-cylinder engine design is one big reason for their popularity.

It wasn't the green and yellow paint—it was the advantages that lay underneath that affected farmers' decisions. The simplicity of design . . . the rugged construction that assures long life and dependability . . . accessibility of every working part . . . the ease of handling . . . plus economy of operation

and low cost of maintenance, which is money in the bank—all the result of two-cylinder engine design.

Twenty years of building John Deere Tractors have seen many advancements in manufacturing methods . . . in the use of new alloys . . . in protective safeguards for tractor and operator. Today's modern line of John Deere Tractors has starter and lights, hydraulic lift, multiple speed, plus a full line of tractor-mounted equipment for every kind of row crop. Added together, this spells extra tractor value.

In the John Deere Tractor line of today there is a power size and type that fits your farm needs. There are seven power sizes built in twenty different types.

John Deere two-cylinder tractors are being turned out as fast as humanly possible within the limits of government restriction. Still there are not enough to go around. However, talk to your John Deere dealer. He may find a way to help you.

JOHN DEERE, Moline, Illinois



Model "A"
2-3-plow size.
Seven types.



Model "GM"
3-plow size.



Model "B"
2-plow size.
Seven types.



Model "H"
1-2-plow size.
Two types.



Model "D"
3-4-plow size.

Models "L" and "LA" 1- and 1-2-plow tractors not shown.

Many Sales Held At Fair Grounds

FORTUNATELY for the livestock industry, the Kansas State Fair Board has a fine conception of the importance of better breeding animals and their distribution. Thru the board of management and the secretary, Sam Mitchell, the greatest encouragement has been given to holding public sales of registered cattle on the State Fair grounds at Hutchinson. It seems proper and economic that buildings and other equipment erected for the display of livestock should be used for the purpose of placing better sires and foundation females among the farmers and taxpayers over this state and adjoining states.

During the sale season starting in October, and ending in February, association sales of Herefords, Aberdeens, Angus, Shorthorns, Milking Shorthorns, Holsteins, Jerseys and Ayrshires have been held, together with sales made by individual owners. Several hundred head of high-class cattle from many leading herds of the state have been sold, the larger per cent of them going back to Kansas farms.

Probably the outstanding event of the year was selling 2 leading Holstein herds, 94 in all, at a total of more than \$33,000 and every animal staying in the state, most of them in 15 counties in South-Central Kansas.

Since the closing of the 1944 State Fair many new improvements have been made for the use of fair exhibitors and for better handling of sales. These include a new indoor wash rack, and installation of a completed new hot-water system so that warm water will be available for washing cattle during the fall and winter. An addition also has been made to the building to be used for a lunch room during sales, and for additional office room for the dairy or beef cattle departments. The State Fair management welcomes the use of these facilities by purebred breeders and breed associations.

Sales during January and February are sponsored by the Reno County Hereford Breeders' Association, the State Hereford Breeders show and sale, and the State Aberdeen Angus Breeders' sale, the fourth annual event.

Study Good Seed

The first schools of instruction ever held in Kansas on the requirements and recommendations for certified-seed production are under way this month, conducted by Prof. A. L. Clapp, agronomist, and L. E. Willoughby, Extension agronomy specialist, Kansas State College. The schools are being held at Salina, Holton, Beloit and Great Bend.

Subject matter includes eligible adapted varieties, planting in regard to isolation, recommendation of source of seeds, care and management of growing crops, field inspection, and care and management of harvested crops. The 2 instructors also will discuss grading and cleaning of seeds, and germination and purity tests.

Varieties of certified seeds grown

Kansas

The vast, undulating plains of Kansas are colored with the gold of wheat more rich than the mines of Ophir; the green and purple of alfalfa more gorgeous than the weaves of the Orient; the bloom and fragrance of the orchards more entrancing than the Vale of Cashmere. They lie basking in the auriferous rays of the sun, caressed by balmy breezes wafting the incense of industry as they spread before the great Rocky peaks in the far-off sunset which index the blue dome above the very playground of agricultural prosperity.

Kansas is a large body of land entirely surrounded by the United States, and as the rings of Saturn reflect the glow of the central orb, so the encircling states cast their refulgence and focus the spotlight upon the middle jewel as of a diamond brooch on the heart of the continent.

—I. D. Graham.

in Kansas include open-pollinated and hybrid corn; small grains, including wheat, oats, Balbo rye and barley; adapted varieties of grain and forage sorghums; flax; soybeans; alfalfa; brome grass; side oats grama; and Indian and buffalo grass. The last 3 grasses were recommended for certification only last spring.

Big Fur Crop

A fur crop worth a million dollars is being harvested in January in Kansas, it is estimated by Dave Leahy, director of the Kansas Fish and Game Commission.

Fur resources during that period are expected to give 15,000 trappers a livelihood. Because of their vast numbers, muskrats will be the principal source of income, followed by raccoon and opossum. All common fur bearers with the exception of beaver and otter may be taken during the open season. Trappers are limited to 20 steel traps.

Good Honey Stretcher

We had some 2-year-old dark honey that had gone to sugar and was strong. We melted it over hot water and added about a third of white corn sirup. It was as good as new honey. Corn sirup also improves the late dark honey if you prefer a mild honey. Since corn sirup costs less than half the cost of honey, it also stretches a scarce article. —Mrs. S. P. R., Washington Co.

Future Farmers Ask Bigger Part

BELIEVING the Kansas Future Farmers should have a part in the Kansas State Fair, at Hutchinson, that would be big enough to be representative of the group's program in the state, the research committee of the F. F. A. has recommended a tentative program for adoption. In making its report, the committee stated any adopted program should be economically sound, and planned to promote better farming programs.

Other requirements for an expanded F. F. A. program would include caution in not duplicating the 4-H Club shows; full co-operation with the schools by keeping few boys out of school more than one day; making the F. F. A. program entirely educational and designed to aid new departments and beginning boys, including instructions and training for new officers and members; awards on all breeding livestock on the basis of growth and improvement over the previous year; all exhibited livestock to be co-operatively selected and purchased thru a central agency; all crops exhibited in any class should be from certified seed selected and purchased thru this central agency.

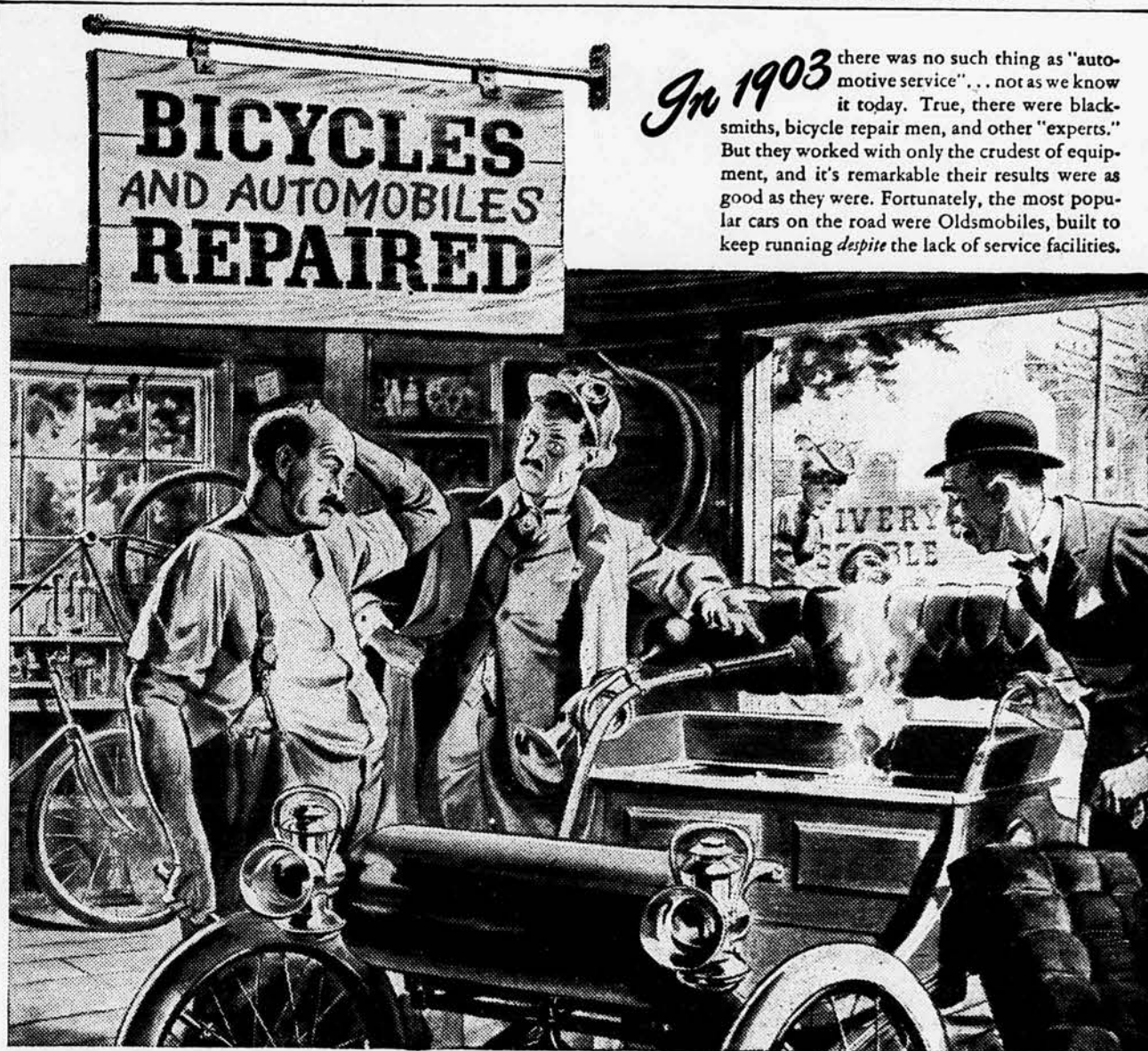
Some of the needs outlined for an expanded program would be a building adequate for housing 1,000 boys and their exhibits; a budget of \$1,000 for awards for the 1945 fair; employ-

ment of a full-time man to operate a year-around F. F. A. purchasing co-operative and to operate the fair program to form the basis for improved farming programs.

Recommendations for the 1945 fair would include a Sunday evening dinner program; a county booth exhibit under the direction and colors of the F. F. A.; sponsorship of a shop-built farm machinery and equipment show; division of upper and lower classmen in livestock selection school, with upper classmen being instructed in dairy cattle and horse selection and lower classmen in selection of beef cattle, and hogs or sheep; a contest between demonstration teams that are winners of contests held in each of the 7 state districts for demonstrating good farming programs, and continuation of the Monday afternoon grandstand show.

Grinding Out Profits

With a small tractor and feed mill, it is possible to mix my poultry feed. Corn, rye, wheat and other home-grown grains are ground thru the mill. And because clover and soybeans are produced on the farm, they are ground fine to replace alfalfa meal. Leafy soybean hay and high-quality clover after being ground give as good results as alfalfa meal. —O. O. M.



In 1903 there was no such thing as "automotive service"... not as we know it today. True, there were blacksmiths, bicycle repair men, and other "experts." But they worked with only the crudest of equipment, and it's remarkable their results were as good as they were. Fortunately, the most popular cars on the road were Oldsmobiles, built to keep running despite the lack of service facilities.

Today—Your Oldsmobile dealer is a specialist, with men specially trained and equipment specially designed to keep your wartime car rolling!

What a difference in 1945! Wherever you drive, there's a man somewhere near who has everything it takes to give you prompt, efficient automotive service at reasonable cost. He has all the latest tools of his trade—things like motor ana-

lyzers and wheel alignment equipment, which the bicycle repair man of 1903 never even heard of. He has mechanics with a working knowledge of scientific service methods. He has factory specification charts, factory-authorized replacement parts—everything needed to keep your wartime car running safely, efficiently, economically... That man is your Oldsmobile dealer. And he's a good man to know!



OLDSMOBILE DIVISION OF **GENERAL MOTORS**
AMERICA'S OLDEST MOTOR CAR MANUFACTURER

Take it Easy

With Right Equipment and a Plan



Handled just right, a clean whisk broom will distribute moisture more evenly, an enormous time-saver in the ironing process.



Sit while ironing whenever possible. A thick rubber pad or several thicknesses of carpeting on which to stand will prevent fatigue. Try it and see.

THESE days, no one wants to put in extra hours washing and ironing, and it's not necessary if you know some short cuts, and revise the order of ironing some ordinary garments. Don't always start to iron the skirt of a dress just because mother and grandmother did it that way.

In the first place, it's a good idea to put away your fancy household linens and difficult-to-laundry clothing for the duration. Cut down on table linen by using mats and table covers of special compositions that can be wiped off with a soapy cloth. Watch out for things that are not fast color and have to be washed separately, for ruffles, frills and trimmings that present an ironing problem. Try to choose things, as you buy them, that are easy to launder and require no ironing—knit clothes, underwear, seersucker dresses, Turkish towels, rayon and terry cloth—all these save hours of strenuous work at the ironing board.

Next, exert a little more than ordinary care in putting things thru the wringer. Watch out for unnecessary folds as the clothes go thru, as these will make wrinkles in certain kinds of material. Fold big pieces evenly so they won't be pulled cornerwise. Drop the pieces into the basket in some sort of order, the large pieces such as the sheets in one end, towels in the other, and small articles flat on top.

Usually, the best way to dry clothes is outdoors in the fresh, clean air but sometimes this is not possible when the weather is bad. For indoor drying, an overhead drier is of great help. With one of these, clothes are pulled up to the ceiling and out of the way. Racks which come in many sizes and shapes are helpful, too.

The way in which clothes are hung is helpful later when they are dry. For example, pieces should be hung by the heaviest, firmest portion. Shake out sheets and fold over the line squarely to prevent dog-eared corners. Hang shirts by the tails and dresses by the hem or, still better, place them on a clothes hanger. Small pieces such as handkerchiefs, washclothes and napkins may be folded over the line and fastened with a single clothespin. Always shake out clothes and smooth collars, bands and belts to prevent wrinkles. A little care in handling wet clothes saves ironing work and time later, because every wrinkle which is left in must be ironed out. Knitted rayons and rayon jerseys may shrink when wet and sag out of shape if suspended full length on a line to dry. So, after washing such garments roll them in a Turkish towel to remove the excess moisture, unroll immediately, then gently ease the garment into shape without excessive pulling or stretching. If dried on a clothesline, hang the garment with the weight evenly distributed. Dry-press as many things as possible, or smooth with your hands as you fold them rough dry.

In ironing, a great deal of time is taken up ironing unnecessary moisture out of clothes or sponging spots that have become too dry. If pieces can be taken from the line when they just slightly damp, then they can be ironed without sprinkling. In addition, ironing is easier and quicker because the moisture is more evenly distributed. If, however, the clothes need to be dampened, sprinkle lightly and evenly with a clean whisk broom or a bottle with a perforated top. It will save time in the long run if care is taken at this point to get

the moisture evenly distributed. Smooth out each piece and roll it snugly so the dampness will spread uniformly. Let stand in a basket until ironing time.

Comfort in ironing makes for ease. If possible, adjust the board to your height so as to prevent unnecessary bending. This doubtless is the most important energy saver in the entire process. Place it in a good light and sit to iron in a comfortable chair or stool of the right height and shape.

The ironing board should be well padded with several thicknesses of felt or quilted padding or even an old blanket. Cover the padding with a piece of heavy muslin or a ready-made cover. Set the basket of clothes on a stool or a chair within easy reach on one side and have a clothes rack handy on the other side. Those who have invested in a clothes rack are loud in their praise of this piece of equipment. It saves trips to clothes closets and dresser drawers and clothes do not wrinkle while hanging on the rack.

Every woman has her favorite short cuts that make the actual ironing easier, but try these, for tests have been made and results indicate they are real time- and energy-savers.

Iron dresses in the following order: Start with the sleeves, then the collar, then waist and, last, the skirt.

Don't bother to iron sheets, just press the top hem that folds over. Your family won't mind.

Use a sleeveboard, not only for ironing sleeves but for finishing small sections of garments like yokes and shoulders.

Fold single-thickness flat pieces lengthwise before you start to iron them. After ironing the top side, fold again, bringing a new unironed area to the top. Continue until the folding and the ironing are complete. This saves motion and avoids ironing any surface twice.

Iron men's washable pants this way: First, the pockets, seams and bands on the wrong side. Turn and iron on the right side until dry. Put the creases in the trouser legs after the garment is ironed.

Fold tablecloths selvage to selvage, right side out, and iron first on one side and then on the other. Let the tablecloth overflow into the clothes basket or onto a large clean paper on the floor. When dry, fold lengthwise, then crosswise, but do not iron the folds.

Embroidery and lace [Continued on Page 13]

By Georgia Leffingwell



With milk and eggs, corn pudding is transformed into a hearty dish.

Corn Pudding

TENDS VARIETY

Here's something new to give variety to the canned corn on the cellar shelf, but frozen corn may be used equally as well. Give the casserole life and color by adding a bit of parsley on top. It will work in well with a Sunday dinner menu for it's a bit out of the ordinary but nonetheless a hearty nutritious dish. This will serve 6.

- | | |
|---------------------------|------------------------------|
| 2 eggs | 1 tablespoon butter |
| 2 cups milk | 1 tablespoon |
| 1 tablespoon sugar | chopped pimento |
| 1 teaspoon chili powder | 2 cups canned or frozen corn |
| 1 teaspoon salt | 1 tablespoon |
| 1 tablespoon minced onion | chopped parsley |

Beat the whole eggs slightly, add milk, sugar, chili powder and salt. Cook minced onion in the butter until the onions are somewhat tender. Mix the pimento, corn and onion and add to the egg mixture. Mix thoroughly. Pour into a buttered 2-quart casserole and bake in a moderate oven (325° F.) for about 45 minutes or until the pudding is firm. Garnish with the parsley when ready to serve.

Ingenuity Makes Profit

The Little Walnut home demonstration unit in Leon, Butler county, opened

The Slip That Fits



Here it is—the slip that really fits. Pattern 4744 has been designed to fit the figure. Panties and embroidery pattern included. It comes in misses' and womens' sizes 12, 14, 16, 18, 20; 30, 32, 34, 36, 38, 40, 42 and 44. Size 16 slip requires 2½ yards 39-inch material.

Pattern 4744, together with a needlework pattern of useful and decorative motifs for linens and garments, 20 cents. Write Fashion Service, Kansas Farmer, Topeka.

a Swap Shop last summer which has made a profit and moreover has provided a lot of people in the community with equipment which has been scarce or entirely unavailable during the war. The little town has 300 people but the size has no relation to the success of the venture.

To this shop anyone in the community could bring any garment or article they no longer considered useful to themselves. If the article was sold the owner contributed 10 per cent of the sale price to the shop for commission. In 1 month the shop made a profit of \$90 which means it sold \$900 worth of goods. Everything from garden plows and cream separators to clothing passed thru the Swap Shop into the hands of someone else who needed the article. Some of the items have not been seen in local markets since the beginning of war production.

The shop is still in operation but right at present the unit has turned over its operation to a Sunday School class.

Chetopa 4-H Girl

ATTENDS NATIONAL CONGRESS

What does a 4-H Club girl think about? Well, for one thing she likes to look neat and attractive, the same as all the other girls. But she does more than think about it. She learns how to make her clothes and makes them so well they give every evidence of coming from the better shops. Tailoring is no trick for many of them and at the National 4-H Club Congress in Chicago we saw dresses and suits made from every conceivable material on the market, and one outfit made from feed sacks which are not on the market.

Our Kansas delegate, Janice Rife, of Chetopa, who won first place in the wool-dress class at the state fair, was one of 22 young folks from Kansas selected to attend the congress because of outstanding achievement in various fields of home economics and agriculture.

Janice wore the same pretty gray wool dress at the dress revue in Chicago that she wore at Hutchinson. The sheer wool dress and unique accessories, the half-hat and drawstring bag both made of bright red grosgrain ribbon, were modeled by Janice at the dress revue and Kansans might well be proud of her. As a state winner, she won the trip thru means provided by the American Viscose Corporation, which also gave her a \$25 War Bond.

In a Hurry?

When it seems certain that supper will be late, try washing potatoes in very hot water and letting them stand a moment in the water, before popping them into the oven for baking. They bake quicker. Select potatoes of the same size, and for a crisp brown jacket, brush with drippings before baking.

A Time Saver

Don't just drop the buttons, hooks and eyes and snap fasteners into the bottom of your sewing basket. Drop each kind into separate bottles. You can see what you have and it's much more convenient.

THE '64 QUESTION:

Why does a cake fall?

THE ANSWER:

Peppless Baking Powder!



New KC
Duraglas jar
keeps strength
in baking
powder...to
the last
spoonful!



High, light cakes! Big, fluffy biscuits! Tender, feathery muffins! That's what you can count on from KC Baking Powder every time—as countless millions have always counted on it. The reason? KC is packed in modern Duraglas. Air and moisture can't get in to weaken it. KC stays strong to the last pinch. Laboratory tests show: KC, in glass, still 98.4% strong, after 5 months. (Baking powders in ordinary, old-style containers lost up to 17.9 times as much strength in the same period.) For lighter baking, get KC double action—one rise in the mix, one in the oven. Use the Duraglas jar later for canning, with standard Mason jar cap.



Curley Bradley, star, master of ceremonies

LISTEN TO THE
KC Jamboree
OVER NBC—SATURDAYS



Barbara Marshall, vocalist and ingénue

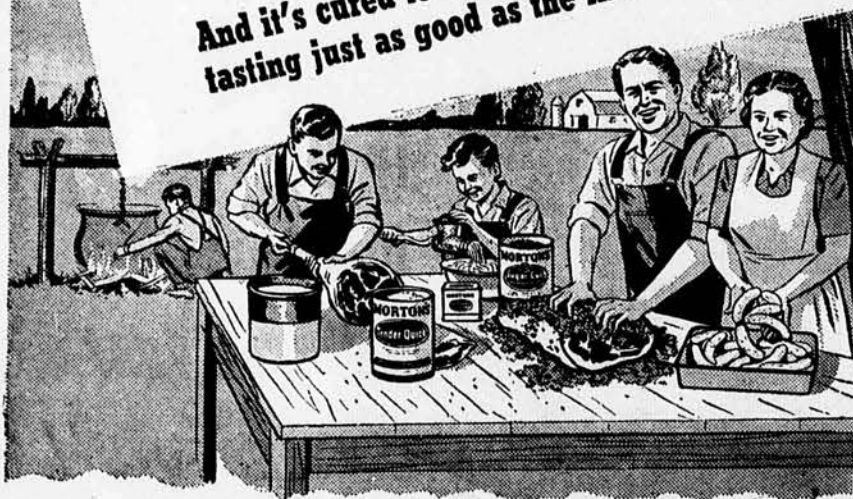


Prairie Ramblers—(l. to r.) Smokey Lohman, Chick Hurt, Allan Crockett, Jack Taylor

You're **OK** with **KC**

More than 1,000,000 Farm Families Cure Meat this safe, easy Morton Way

And it's cured to keep with the last ham
tasting just as good as the first



MOST of us like to follow a regular way of doing things. We cure our meat in a certain way . . . have done it that way for years. For the most part, we've had good luck so why change, we ask.

No doubt that's how the million and more families who use the Morton Way also felt before they tried it for the first time.

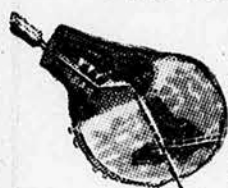
Curing the Morton Way is simplicity itself. First pump the meat with Morton's Tender-Quick dissolved in water. This fast-acting curing pickle starts the cure around the bone where off-flavor and bone-taint are likely to develop first.

Then rub the outside with Morton's Sugar-Cure. This sugar-curing salt strikes in, curing toward the center and imparts a rich, wood-smoke flavor.

And the result? — Sweet-tasting, delicious hams, shoulders, and bacon, perfectly cured from rind to bone . . . no off-flavor . . . no bone-taint . . . no waste — home-cured meat at its very, very best.

For the best-keeping as well as best-tasting meat you've ever had, use the Morton Way yourself this year. It's the simple, easy, positive way to get a safe, sure, uniform cure.

Cure Meat the Safe, Sure Morton Way



FIRST...

Dissolve Morton's Tender-Quick in water to make a rich, fast-acting curing pickle, and pump this pickle into shoulders and hams along the bones. This starts the cure **INSIDE**—prevents bone-taint, off-flavor, and under-cured spots. Helps assure a safe, sure, uniform cure.



THEN...

Rub with Morton's Sugar-Cure. This complete sugar curing salt strikes in from the **OUTSIDE**, gives a thorough cure and rich wood-smoke flavor. Morton's Tender-Quick and Sugar-Cure, used together, give results you can get in no other way.



Finest Home-Curing Book ever published, over 100 pages . . . 10c postpaid

More than 200 pictures, charts, diagrams — complete directions on how to butcher, cure, make sausage, Canadian Bacon, corned beef, smoked turkey, and other meat specialties. Write today — send 10¢ in coin.



MORTON SALT COMPANY
Chicago, Illinois

Organize to Find Jobs

By JAMES SENTER BRAZELTON

FOLKS at home are becoming mindful of their obligation to find jobs for their returning soldiers. Many communities already are organized for this task. Doniphan county is alert to the problem and all its citizens, both in the towns and country, are taking part in the common effort. The Boosters Club at Wathena and the Kiwanis Club at Troy have canvassed their communities and have listed currently available jobs and are working now in the possibility of creating new jobs.

Many business men, both at Troy and at Wathena, believe now is the opportune time to bring into these communities certain industries that will go hand in hand with the great fruit interests already established. There has been a long-felt need in the eastern half of Doniphan county for processing plants to absorb crop surpluses.

Soil and climate of this county are ideal for production of tomatoes and the present acreage now devoted to this crop likely would be trebled if a canning factory were available. Beans and sweet corn could be grown profitably in these hills if a nearby cannery supplied the incentive to plant. Other crops like peas and spinach and perhaps asparagus would be grown on a commercial scale if acreages of these crops could be contracted to a processing plant.

The war has brought developments in dehydration that could be used here with some of the fruits that already have made this section famous. In a modern plant of this kind the foods are dehydrated and cooked by infrared rays, sterilized by ultraviolet rays. It would not be too visionary to include commercial dehydration either by co-operative effort or private enterprise in the plans for our postwar future.

Quick freezing will perhaps be the outstanding method of food preservation in the postwar era. Frozen foods will be in much favor with busy housewives because such commodities as spinach, peas, cauliflower, asparagus and sweet corn will be prepared at the originating point for final consumption by trimming, shelling and husking. If we had quick-freezing facilities here a part of our spring strawberry crop could be put on the markets thru the winter. Some of Doniphan county's famous apples could be sold as frozen sliced apples for pie bakers and other culinary enterprises.

Another opportunity that so far has been by-passed here is manufacture of those popular new products, canned apple juice (not cider) and apple honey. We have the apples; all we need is something to stir us out of our apathy and prod us into action. Such enterprises as have been mentioned here would create jobs in two ways. The processing plants would provide employment for a good many ex-serv-

icemen and there would be an increased demand for farm labor.

The armed forces already are discharging men. There is no time to lose if we are going to help these deserving men re-enter civil life profitably. C. R. Jaccard, secretary of the State Agricultural Planning Committee, points out that to the middle of 1943, some 1,200,000 boys left the farm for armed service and 1,400,000 left for industrial employment.

If a million of those wish to come back to the farm, says Mr. Jaccard, it means every county with 1,200 farmers will have to hire about 350 additional farm men. He doubts whether there will be places for that many on farms.

Agricultural advisory committees are rapidly being set up in all the counties to advise with returning veterans who may have a desire to farm. Those who have never had an agricultural background and those who, in the judgment of the committee, are not fitted for farming will be discouraged and an effort will be made to guide them into some other vocation.

A discharged veteran on returning home will report to his Selective Service Board. If his old job is still to be had, and the soldier still wants it, the board will help him get it. If the veteran is interested in the possibilities of further schooling he will be referred to the Veterans' Administration where he may have explained to him the G. I. Bill of Rights and its provisions for education. If he needs new employment he will be referred to the U. S. Employment Service. But if he shows an interest in farming he will be sent to interview the county agricultural advisory committee.

To prepare for the work ahead the agricultural advisory committee in Doniphan county has set itself the task of preparing a list of the boys from farms now in military service or in war industries. Cards will be mailed to these boys on which certain information is requested. It is desired to know whether a man intends to return to the farm and if so (1) will he take over the home place; (2) buy a farm; (3) rent a farm or (4) hire out as a farm hand. There will be questions as to what assistance he will need in (1) locating a farm; (2) locating a job. The committee will also want to know whether he will need credit for purchase of land, machinery, livestock or operating expenses.

The committee plans also to send cards with questionnaires to farm owners in the county to try to find out what farms will be available for purchase or lease by returning servicemen after the war, or whether the owner intends to operate it himself, and how many additional workers he expects to hire.

Harvest Brigade Tops Its Goal

FINISHING with late crops in California, the Harvest Brigade completed a triumphant 7-months campaign to help America produce a record wartime grain crop.

This determined armada of 500 self-propelled combines, starting last May, exceeded its goal—one million acres. Eleven operators with 13 brigade machines ran up a total of 47,531 acres . . . an average of 3,656 acres to the combine. They averaged 4 1/2 acres an hour, used less than eight tenths of a gallon of fuel an acre, and combine repairs amounted to only 3 cents an acre.

Long before harvest time, with the approval of the War Food Administration, the Massey-Harris Company, Racine, Wis., manufactured and distributed these 500 combines. Most of the machines were sent south, to Texas, where the grains ripen first. Others were strategically placed in California and the Pacific Northwest. Emergency repair and maintenance depots were set up along the routes to be taken.

In May, the machines got under way in Southern Texas. By June they were in the Panhandle ready to take on the great wheat crop. Then came the rains and for weeks operations were held up. By the time the weather cleared, the crop over the entire length and

breadth of Oklahoma was ripe. With a stubborn refusal to admit defeat, the operators plunged into their work with a frenzy, driving their combines day and night—sometimes 18 hours at a stretch—to catch up with their schedule.

As the machines edged north, following the crop, farmers besieged their county AAA offices, asking to have their names put on the list of farms to be visited. The machines, upon arrival, were directed to fields which had been listed on a priority basis.

The self-propelled combines, capable of harvesting 50 acres a day, made up considerable lost time in Oklahoma. In Kansas, the legendary wheat champion, the machines were slowed down by the heavy growth and persistent rainfall, but got back on schedule again after a speedy wind-up in Nebraska.

Answering a radio appeal by Gov. John Moses, of North Dakota, the Harvest Brigade continued on north, helping both the Dakotas.

With the last job completed, Massey-Harris, which directed the huge operation, proudly reported the Harvest Brigade had harvested 1,000,000 acres of grain that might have been lost because of the shortage of manpower and farm machinery.

Here's How to Insure Your Baking Success

... says Mother Maca



With Amazing MACA YEAST The Fast, Dry Yeast You USE JUST LIKE COMPRESSED YEAST!

● Think of it! This one marvelous yeast offers you the advantages of compressed yeast and granular yeast COMBINED!

ACTS EXTRA FAST! No special tricks when you bake with fast-acting, dependable Maca Yeast. Just follow your regular methods. Maca rises so quickly, you're finished baking in double-quick time.

And your results will thrill you! Maca gives bread and rolls a wonderfully smooth texture, a rich golden color, and a real old-fashioned flavor—a delicious, nut-sweet flavor like grandma's bread used to have.

Stays Fresh for Weeks Without Refrigeration

Maca is such a convenience! You can always keep a handy supply on your pantry shelf, save yourself extra trips to the store. For your complete protection, we date every package.

So insure your baking success with Maca, the original fast, granular yeast that you use just like compressed yeast.

All Yeast! No Water, No Filler!



Remember—Maca, too, is serving the armed forces. If your grocer doesn't always have it, ask for Yeast Foam (Magic Yeast), the tried-and-true product that also gives a fine old-time flavor.

NORTHWESTERN YEAST COMPANY
750 N. Ashland Ave. • Chicago 22, Ill.
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NEW VICTORY Marigold CREATED BY Burpee

35c-Pkt. of Seeds Free! None for sale till 1946. You'll want to have these fine large, frilly Golden-Orange flowers in your own garden this summer—symbol of victory and lasting peace. Very easy to grow, 2 ft. tall, with an abundance of big blooms over 3 in. across. A 35c-Pkt. (100 seeds) free if you enclose a stamp for postage. Write today. Burpee Seed Catalog FREE. All the best Flowers and Vegetables, America's leading Seed Catalog.

Atlee Burpee Co.
Burpee Building, Clinton, Iowa

More U. S. War Bonds!

Kansas Clothing Winner MADE NINETY GARMENTS



Meredith Cassel

Meredith Cassel, of Neodesha, is the Kansas winner in the clothing contest conducted during the National 4-H Club Congress by The Spool Cotton Company. In her 6 years of clothing club work she has made 90 garments, realizing an income of \$288. Besides sewing for her mother and cousin she sews for the Red Cross. In remaking clothes for herself she made a blouse from a man's shirt and shorts from a feed sack. In room improvement project during 2 years Meredith made 3 pairs of unbleached muslin curtains, dressing table skirt and slip cover for the head of her bed. She was named county room improvement champion in 1943.

Take It Easy

(Continued from Page 10)

are best ironed when damp, on the wrong side and over extra padding or a Turkish towel to raise the pattern.

Shirts are easier to iron if they are done in this order: Iron the wrong side and then the right side of the cuffs. Now crease the sleeves along the underarm seam and begin ironing in the center and move up to the armhole and down to the cuff. Iron the collar, first on the wrong side and then on the right side. Iron the yoke, the back, the front side with the buttons, then the front side with the buttonholes.

Hangers Save Work

You're lucky if you have roomy closets and a big supply of hangers, for all garments should be hung on them. It saves folding, and folding a shirt, for instance, takes considerable time and the "know how." Dress shirts stay free of wrinkles and creases if each one is put on a hanger and hung away in the closet. Place squarely on the hanger and button the top button so it won't droop out of shape.

Starch burned on the face of an iron is a nuisance and will stop the whole ironing job until removed. This is caused by simple errors in the laundry process which can be avoided. Directions for making starch must be followed carefully. Some must be cooked and other kinds need no cooking. Raw starch or lumpy starch will cause no end of ironing blues. If starched clothes are dampened before they are completely dry you may well expect the starch to stick to the iron. Eliminate these simple errors and there will be no trouble. But if starch does get stuck, run the iron over a piece of white paper on which salt has been sprinkled. When barely warm, rubbing it with a wet cloth may remove the starch.

With the iron use slow, unhurried motions and save your energy by guiding the iron rather than bearing down on it. Ironing can be easy if you go about it the easy way.

Saves Crumbs

When putting dry bread thru the food chopper for use in escalloped dishes, try fastening a paper sack on the grinder with a rubber band. The crumbs will not scatter.

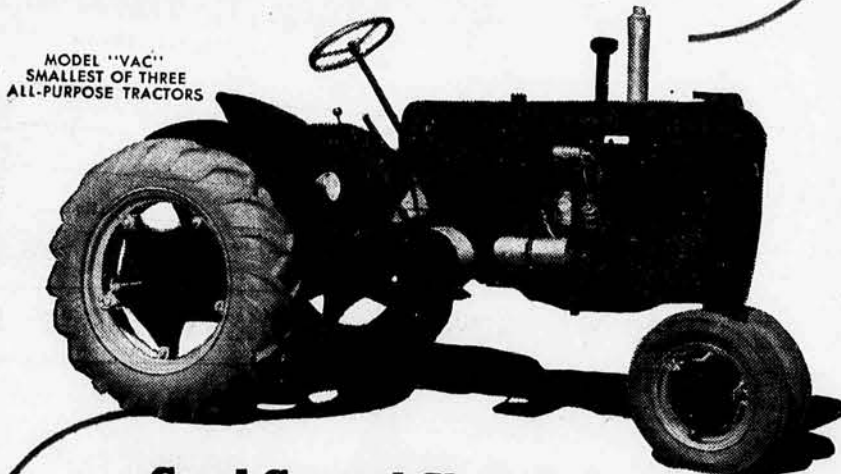
What to Look for in a Modern Tractor

.. Front-Mounted Cultivators

When you cultivate with a Case all-purpose tractor you have a clear view of the work without turning your head or body. On side slopes, in curving rows, or among staggered hills, you don't care where the hind wheels go. That's because the shovels close to the row are also close to the front wheels. They respond instantly and accurately to Case Synchronized Steering, swing the same way you steer.

.. Power-Controlled Implements

For all three sizes of Case all-purpose tractors there are mounted cultivators that lift at a touch of the control on the tractor. For all Case tractors there are power-controlled plows, disk harrows, field tillers, drills and planters built to hold their depth regardless of hard ground or hard pulling. Gauge wheels, floating shoes, etc., are provided to assure accurate depth despite uneven ground under tractor wheels. The quality of work is always the same.



MODEL "VAC"
SMALLEST OF THREE
ALL-PURPOSE TRACTORS

.. Good Ground Clearance

Plenty of room under the rear axle is only the beginning of the effective crop clearance you get in a Case all-purpose tractor. Its pivot axle, between the closely spaced front wheels, cannot injure the tops of plants. There is room under the engine for mounting implements where you can watch them at work; room to give them a high lift that guards against crop damage on the turns.

.. Standing Room; Safety Seat

You don't have to sit all day in one position, or take "time out" to get off and straighten up. As often as you like, without stopping, you can stand up for a "7th-inning stretch." When you stand, the comfortable cushioned seat pushes back and up, forming a safety "back-stop." When you sit, you have a variety of natural foot-rest positions. You feel better at the end of the day.

.. Power Take-Off Sealed and Centered

On Case all-purpose tractors the power take-off is put on "for keeps." It is always ready to use, never in the way. No opening of transmission, no danger of grit getting into gears and bearings. Power take-off is centered above drawbar, at right height for shaft to reach various machines without the sharp angles so hard on universal joints. Belt pulley is properly placed on right side.

CASE

Your Case dealer can help you in using and choosing tractors and machines for the modern farm practices. Ask him or write us for tractor folder, also booklets on contour tillage, terracing with your own plow, making high-protein hay. J. I. Case Co., Racine, Wis.



HINT FOR HOME BAKERS

New Quick Roll Recipe—Easy and Good!

Make them with Fleischmann's yellow label Yeast—the only yeast with those EXTRA Vitamins

QUICK ROLLS

1/2 cup milk
2 tablespoons sugar
1 1/2 teaspoons salt

1 cake Fleischmann's Yeast
1/2 cup lukewarm water
3 cups sifted flour
3 tablespoons melted shortening

Scald milk, add sugar and salt; cool to lukewarm. Dissolve yeast in lukewarm water—and be sure it's Fleischmann's yellow label, the only fresh yeast with all those extra vitamins. Add to lukewarm milk. Add 1 1/2 cups flour and beat until perfectly smooth. Add melted shortening and remaining flour, or enough to make an easily handled dough. Knead well. Shape into rolls and place in well-greased pan. Cover and let rise in warm place, free from draft, until doubled in bulk (about 1 hour). Bake in moderate oven at 400° F. about 20 minutes. Makes 12.

FREE!



New Revised Wartime Edition of Fleischmann's Famous Recipe Booklet

Clip and paste on a penny post card for your free copy of Fleischmann's newly revised "The Bread Basket." Dozens of easy recipes for breads, rolls, desserts. Address Standard Brands, Incorporated, Grand Central Annex, Box 477, New York 17, N. Y.

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Address _____

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★ BUY MORE WAR BONDS and SAVINGS STAMPS ★

IT TAKES
Both
FOR BEST MILKING



DE LAVAL MAGNETIC SPEEDWAY MILKER

Results . . . over a period of many years, on thousands of farms . . . prove fast and uniform milking are both essential to best milking.

The cow responds best and gives her maximum yield to uniform, regular milking. Dairy men know that change and variation in milking speed and action . . . such as switching hand milkers . . . result in lowered production.

Fast milking . . . with proper cow preparation . . . results in healthier udders . . . time savings . . . better production . . . less strappings and closer sanitary control.

The De Laval Magnetic Speedway Milker . . . with pulsations controlled at the Pulso-Pump by magnetic force . . . provides correct, uniform milking day after day without change. Fast milking is a built-in quality of the De Laval Magnetic Speedway . . . a direct result of its uniform, regular action . . . uniform, correct vacuum . . . and comfortable, properly fitting, pleasing action teat-cups.

Only in the De Laval Magnetic Speedway can you get both fast and uniform milking . . . essential to best results. And isn't that the kind of milking you want for your herd?

DE LAVAL STERLING MILKER

The De Laval Sterling Milker is particularly adapted for those to whom lower price is an important consideration. The Sterling Pulsator has only two moving parts, gives positive milking speed and action that pleases the cow. De Laval Sterling single or double units may also be used on any other make of single pipe line installation.



DE LAVAL SEPARATORS

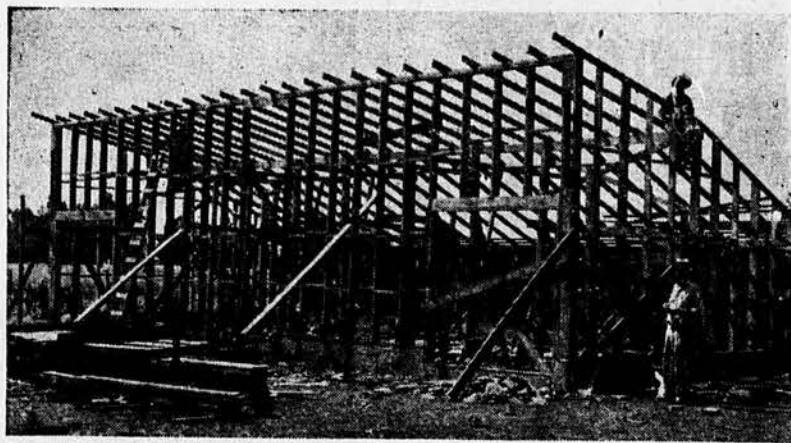
De Laval Cream Separators skim cleaner, last longer, cost less per year of use and earn more. They produce highest quality cream and may easily be washed in a few minutes' time under ordinary farm conditions. Made in a wide variety of sizes and styles and at prices to meet every need and purse. Hand or motor drive.



THE DE LAVAL SEPARATOR COMPANY

NEW YORK
165 BROADWAYCHICAGO
427 RANDOLPH ST.SAN FRANCISCO
61 BEALE ST.

Builds Barn From His Woodlot



Charles Blackburn, Labette county, lower right, views with pride this new cattle barn being built with native lumber obtained from his farm woodlot.

KANSAS farmers co-operating with the Soil Conservation District during the last 12 months cut 236,000 board feet of logs from native timber, 320 cords of fuel wood and 4,065 fence posts.

Like many other farmers, Charles Blackburn, Labette county farmer and stockman, needed a cattle barn for increased production. Looking ahead, he planned to use the mature oak from his woodlot. Last fall he cut about 10,000 board feet of mature logs, had them sawed, and seasoned the lumber for his new barn.

The building, now under construction, measures 48 by 24 feet and is built on a concrete foundation. All framing consists of red oak lumber from his trees with purchased lumber used for siding.

Farmers wishing to make use of their timber may receive aid in transportation of wood products or advice as to markets or management from their local Soil Conservation District, their county agent, Triple-A chairman, or the Soil Conservation Service.

Keeps Gap Tight

Does that wire gap sag in spite of you? Then try this: Fasten a length of stout wire near each end of the end gap standard, leaving enough slack to form

a loop long enough to go partly around the fence post. Thrust one end of a stout stick into this loop and draw the other end back toward the gap. Fasten by catching the end under a length of wire fastened to the gap loose enough to slide back and forth. The tautness of the gap is regulated by the length of the first loop, and can be drawn as tight as the wire in the gap will stand and unless gap is extremely long no middle stick is needed.—B. E. M.

Farm Folks Invited

To permit farmers, business men and educators to get together and discuss agricultural policies and possible trends, the Midwest Feed Manufacturers Association is holding an Agricultural Forum at the Phillips Hotel, Kansas City, Mo., on January 9. Round tables during the day will cover grain, poultry, livestock and dairy.

An evening open forum, at 8 o'clock in the Municipal Auditorium will be conducted by the University of Chicago Round Table.

From a Marketing Viewpoint

By George Montgomery, Feed Grains, Poultry and Eggs, and Dairy; Merton L. Otto, Livestock.

Will wheat prices go any higher? I have about 3,000 bushels of wheat that I did not sell last fall.—G. M.

On the Kansas City market wheat of 12 1/2 per cent or higher protein has been selling at ceiling prices. Lower protein wheat has been slightly below the ceiling. This means that prices cannot go much higher.

On the other hand, there are forces which may lower prices during the late winter and spring. First, there is prospect of a winter wheat crop nearly as large as last year. Seeded acreage is 7 per cent larger than last year, 32 per cent larger than 2 years ago. The December 1 condition of the growing crop was 87 per cent of normal compared with 69 per cent a year ago. Second, the carryover of old wheat next June 30 may be substantially larger than last June. Third, the support price for the 1945 crop probably will be at 90 per cent of parity, rather than the current program of current agreement to purchase at parity less carrying charges.

In view of these influences it appears desirable to sell in the near future while the market price is near the ceiling limit.

I have some hogs farrowed last spring that weigh close to 260 pounds. Do you think it advisable to sell now or hold to a heavier weight? I have plenty of grain.—L. O.

Now that the ceiling price for barrows and gilts weighing more than 270 pounds has been raised to \$14.75, there seems to be no need to rush your hogs to market because of a weight limit. It seems advisable to hold your hogs a little longer because runs to market probably will reach a peak early in January. During late winter and early spring hog prices probably will be at

or near ceiling levels. There probably will be a severe shortage of pork and lard during the season of short marketings because storage stocks of these items are low compared with 5-year totals.

Will you please give me some information in regard to market price trends for fat lambs?—C. W.

From 1921 to 1942, with the exception of 2 years, the peak price for new crop spring lambs has been reached in June. During the same period, the summer-fall low price has come most frequently in September but it also has occurred often in October and November. The peak price for fat lambs has occurred in April quite consistently. The percentage decline from the spring peak price to the summer-fall low has been about 25 per cent and the average percentage advance from the summer-fall low to the spring peak has been 35 per cent.

What is the outlook for poultry during 1945?—H. A.

Market supplies of poultry have been inadequate to meet the demand at ceiling prices. The number of chickens raised during 1944 was nearly one-fifth less than in 1943. There will be less pork in 1945, and the army will require a larger portion of the beef. Thus it seems highly probable that demand for poultry will keep prices at ceiling levels. This indicates poultry prices about the same level as during 1944.

The number of laying hens on farms is more than is needed to meet egg requirements during 1945. It is expected that when egg production increases seasonally, egg prices will decline to the support price and remain at that level during the spring and summer. The War Food Administration has announced that egg prices will be supported at 24 cents a dozen for current receipts and 27 cents a dozen for canned eggs.

NO NEED to **RATION**
LIGHT and **POWER**
with **DELCO**
LIGHT
BATTERIES



GUARANTEED
for not less than
700 USEFUL WORK CYCLES

The Delco Light Battery guarantee assures you of lowest cost day-in-and-day-out useful power and light—as compared with most battery guarantees based only on rationed use over a term of years.

Get the whole story of these famous batteries from your authorized Kansas dealers listed below.

COLBY.....W. E. Buford
COLDWATER.....Rural Gas & Electric
DIGHTON.....Farmers Co-op Oil & Supply
DODGE CITY.....Lippoldt Appliance Co.
EUREKA.....Paul Jones Machine & Welding
GREAT BEND.....Home Appliance Co.
GREENSBURG.....H. J. Partridge Plumbing
HARPER.....Jess Hamilton
HERINGTON.....Zeckser Brothers
HOWARD.....Ralph J. Perkins
HUTCHINSON.....Roundie Radio
JOHNSON.....Ceel Cave
LA CROSSE.....H. E. Glantz
LEOTI.....Western Hardware & Supply
LIBERAL.....Boles Supply Co.
MANHATTAN.....O. A. Powell & Son
MEADE.....Brown Furniture Co.
MEDICINE LODGE.....Dickey Appliance Co.
MILTONVALE.....O. L. Williams Sales
OSAGE CITY.....J. C. Lundholm
PRATT.....Link Electric
QUINTER.....Schneider Electric
RUSSELL.....Farm Electric & Supply Co.
SALINA.....Ralph Ward Electric
SCOTT CITY.....Hoover Electric
SMITH CENTER.....Atwood Implement Co.
STERLING.....Walton Electric Co.

New Light Plants, Water Pumps and
Wind Plants now available
and in stock

Everything electrical for the farm,
110-A. C. and 32-Volt

Factory Distributors

General Products
122 S. St. Francis, Wichita 2, Kan.

**When Your "Innards"
are Crying the Blues**



WHEN CONSTIPATION makes you feel
unk as the dickens, brings on stomach
upset, sour taste, gassy discomfort, take
Dr. Caldwell's famous medicine to quickly
kill the trigger on lazy "innards", and
help you feel bright and chipper again.

DR. CALDWELL'S is the wonderful senna
laxative contained in good old Syrup Pepsin
to make it so easy to take.

ANY DOCTORS use pepsin preparations
prescriptions to make the medicine more
palatable and agreeable to take. So be sure
your laxative is contained in Syrup Pepsin.

TRUST ON DR. CALDWELL'S—the favorite
millionaires for 50 years, and feel that whole-
some relief from constipation. Even snick-
y children love it.

CAUTION: Use only as directed.

DR. CALDWELL'S
Senna Laxative
CONTAINED IN SYRUP PEPSIN

Burpee's Seeds Grow
Send postcard or letter
for Burpee's Seed Catalog FREE.
W. ATLEE BURPEE CO.
648 Burpee Building, Clinton, Iowa

Income Tax Time

(Continued from Page 5)

ations over a period of years instead of
on present market value of the land,
will be followed in appraisals.

Also there are other requirements
that the veteran himself must meet.
Here are some of them, quoted from
the regulations issued by the Veterans
Administration:

"36,4102
"(b) (1) The veteran must possess
such actual knowledge of farming and
be of such character and industry as
to indicate that because of his ability
and experience relevant to farming he
likely will be able to succeed in the
conduct of farming operations. Agri-
cultural courses in schools of recog-
nized standing and other training will
be given due weight in evaluating ex-
perience.

"(2) It must appear that the vet-
eran's financial situation will be such
that he likely will be able to carry on
the farming operation successfully.
The amount of 'readjustment allow-
ance,' payable . . . shall be considered
in this connection.

"(c) A farming operation must be
of sufficient size and productivity to
enable an operator of average abil-
ity, operating under normal circum-
stances as to yields and prices, to de-
rive sufficient substance and income
from it to meet necessary living and
operating expenses and debt obliga-
tions. The area of the farm unit and
its composition (crop land, pasture,
woodland, etc) must be carefully re-
lated to and reconciled with the type
of operations which would be under-
taken by a typical operator. Improve-
ment and farm facilities must be ap-
propriate, or feasibly adjustable, to
operations to be undertaken."

Loans Not "Easy"

G. I. Tom, Dick or Harry evidently
cannot just march up to a window and
draw \$2,000 for farming operations.
Nor can a smooth real estate agent
sell Tom, Dick or Harry, a piece of
land "big enough for a farm," and col-
lect his money from Uncle Sam via
said T., D. or H. And local committees
will pass on the qualifications of appli-
cants under arrangement between
Veterans' Administration and the De-
partment of Agriculture, before the
Farm Credit Administration gets a
whack at the land and land values in-
volved.

Money for Improvements

Under similar restrictions, veterans
also are eligible for loans for repairs,
improvements, taxes, delinquent in-
debtedness. Improvements mean new
buildings (other than main residence),
new or improved fencing, installation
or extension of water supply, or of
electricity for domestic or other pur-
poses on the farm, sewers and other
waste disposal systems, silos, barns,
and other structures.

Repairs mean the work and mate-
rials necessary to restore buildings or
fixtures, or equipment . . . "the need
therefor having arisen because of wear
and tear, accident or other cause."

Taxes mean general or special taxes;
special assessments mean any charge
for improvement purposes assessed
against the real property. Also—

"Under appropriate circumstances
a guaranty may be obtained if the loan
is 'for the purpose of . . . paying de-
linquent indebtedness, taxes, or spe-
cial assessments on residential prop-
erty owned by the veteran and used
by him as a home."

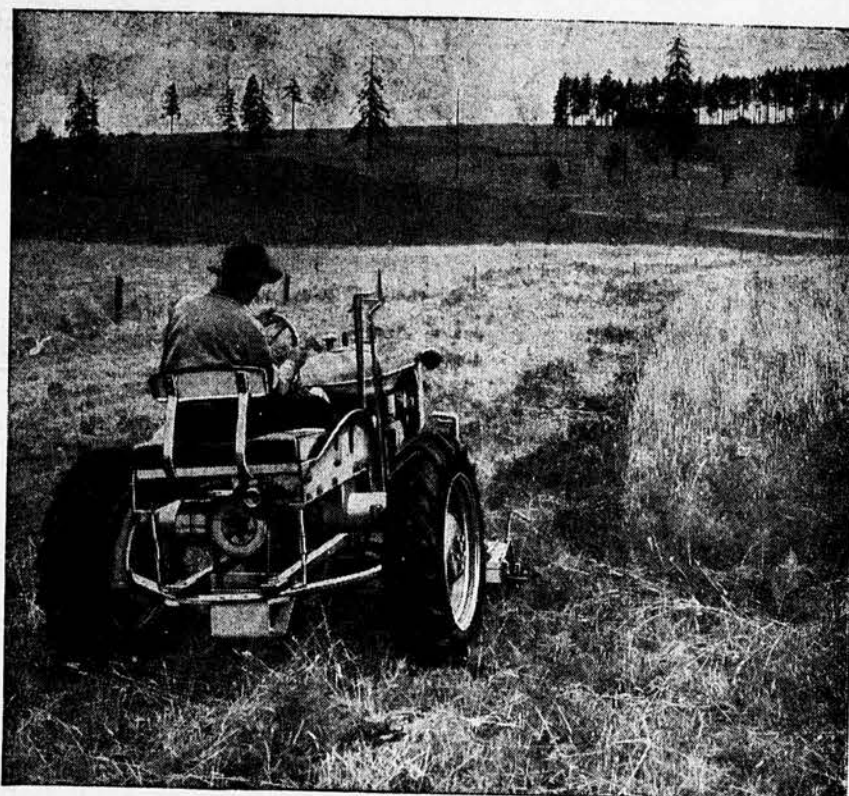
That Prior Lien

Existence of a prior lien on the land
to be purchased will not necessarily
cause the application for a loan guar-
anty to be rejected, but will be taken
into account in deciding whether the
veteran can carry the load. Only in
extraordinary circumstances will a
guaranty be granted on personal prop-
erty where there is a prior lien. But
ordinarily it will be rather difficult to
obtain the loan guaranty when there is
a prior lien.

Demand and Prices

The following "estimates" on de-
mand and price conditions for 1945
were made by the BAE before the
German drive thru the First Ameri-
can Army:

"Meat prices probably will continue
at or near ceiling levels in most of
1945. Prices of cattle and lambs may
average about the same as 1944; prices
(Continued on Page 16)



Mower Magic!

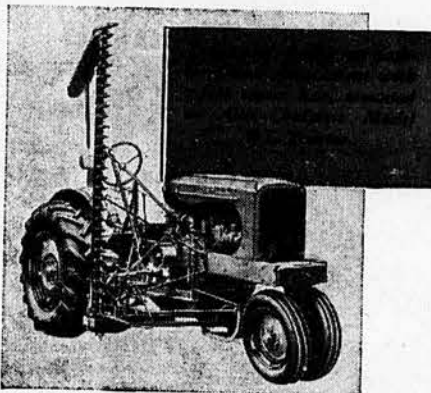
Allis-Chalmers Model C, the first
self-greasing tractor, with A-C Full-
View Safety Mower Attachment.

THERE may well be an undiscovered volume of feed in
your present rangeland pasture.

Clipping native grass twice a year increased the produc-
tive capacity three to five-fold—in one outstanding experi-
ment station test. Hereford cattle, carried for two years on
this pasture, weighed approximately 200 pounds more than
a similar group on unclipped native grass. The cattle on
the clipped pasture required no additional winter feeding.

Realizing the full feed-power of your range is a man-
agement "must". Just to help reach this one goal, an effi-
cient, easily-operated mowing outfit can be the most profit-
able tool on your entire ranch.

With the Allis-Chalmers tractor-mounted mower your
range clipping or hay mowing goes fast—at the right time!
Even on steep hillsides, it provides full control, full safety
and comfort for the operator. This mower is completely
engineered for modern tractor speeds. If the mowing must
be interrupted for a quick drawbar job, simply clamp
the cutter-bar in transport
position and go to it!



Timely clipping of
range is a vital phase of
modern ranching. For
the right, low-investment
outfit, see your Allis-Chal-
mers dealer now.

ALLIS-CHALMERS
TRACTOR DIVISION • MILWAUKEE 1, U. S. A.

A Tug Boat, Hens and Eggs

Many readers of our advertising, who have fed Pilot Brand to their poultry for many years, getting excellent results—and others who will use it later—probably wonder what a 500 H. P. Tug Boat has to do with hens and eggs.

Our tug, "Ideal", is daily towing barges, each with 750 tons of Oyster Shell to the Pilot Brand factories—enough eggshell material for over 54,000,000 hens daily.

The Oyster Shell is taken from the barges by a large crane and passed to the crushers; then washed three times; then conveyed through big rotary dryers where intense heat absolutely destroys all foreign matter, making it completely sanitary and clean.

It is then triple-screened into two economical sizes (medium and chick size) with oversize and waste removed, so it is all pure Oyster Shell.

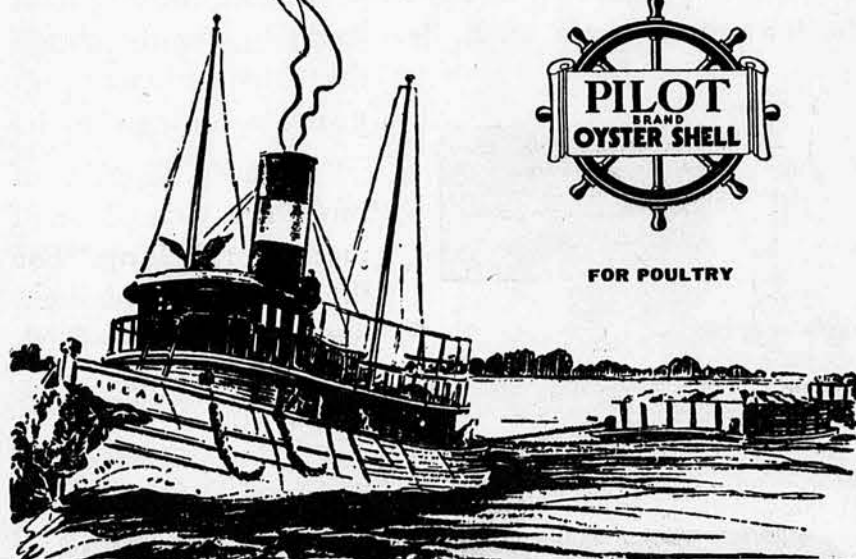
That's why Pilot Brand Oyster Shell is over 99% pure Calcium Carbonate. The cheapest, cleanest and most productive eggshell and bone building material obtainable.

Hens must have it before them all the time to produce egg profits.

Ask for the bag with the big Blue Pilot Wheel on it



FOR POULTRY



OYSTER SHELL PRODUCTS CORPORATION
Morgan City, La. Berwick, La. New Rochelle, N. Y. St. Louis, Mo.

Income Tax Time

(Continued from Page 15)

of hogs for the year may average higher." Prices received by dairy farmers will decline less than seasonally during the next few months and probably will average about the same as a year earlier . . . milk and butterfat—feed-price ratios more favorable than other important livestock-feed price ratios.

"Egg prices will decline seasonally, December-March period, and prices received by farmers for eggs probably will average below the 35.4 cents average in the corresponding period of the previous year . . . more eggs available for domestic purposes.

"In view of the tight world-supply situation, prices of fats and oils in the United States probably will remain at or near the maximum during 1945.

"The 1944-45 domestic supply of the four principal feed grains, as revised on the basis of November 1 conditions, totals 132.3 million tons, slightly larger than the 1943-44 supply, and only 6 per cent smaller than the record 1942-43 supply. The supply of feed grains probably is large enough to meet all requirements, and provide some addition to reserves which were reduced materially during 1941-43 feeding years.

"The U. S. wheat acreage goals for 1945 are 67.6 million acres, which would be an increase of 900,000 acres over the acreage seeded for the 1944 crop. Assuming an average yield, that would produce a crop of about 835 million bushels.

"The size of the wheat disappearance depends on the progress of the war. But a crop of this size, with some reduction in the carryover, is expected to cover requirements. . . . Yields have been above average continuously since 1939."

Home-Front Problems

(Continued from Page 4)

The Friday morning program brings "What About Our Rural Schools?" by F. B. Ross chairman Committee on Education, State Legislative Council, Emporia.

"Legal Protection of Water Rights," by Paul W. Applegate, state director of the National Reclamation Association and member of Governor's Water Rights Committee, Wakeeney.

"The Corn Borers," by D. A. Wilbur, department of entomology, Kansas State College.

Friday afternoon, an important address, "Livestock Diseases and Their Control," will be given by Charles W. Bower, D. V. M., past president, American Veterinary Medical Association, Topeka. After that will come report of resolutions committee, election of members, and installation of the new board at the secretary's office.

Other meetings at Topeka during the week include: Kansas Fairs Association, January 9-10, Convention Hall, Jayhawk Hotel. Kansas State Dairy Association, January 10, Jayhawk Hotel. Kansas State Poultry Breeders' Association Convention and Exhibit, January 8-12, Municipal Auditorium.

Adds Another Honor

Another honor was added to the list December 30, for Walter Lillieqvist, of Barber county, who was given the W. G. Skelly Award for outstanding achievement in agriculture. Kansas Farmer chose Mr. Lillieqvist in 1942 as a Master Farmer, and in 1936 he won the Kansas poultry management award.

Smallest Electric Fence

A miniature "electric fence" is used by entomologists in the Du Pont pest control research laboratory to keep crawling insects from getting away during the time they are confined for experimental work.

Crawling insects in the laboratory are given the freedom of open, pan-like boxes containing growing plants on which they feed. The upper rims of the 4 sides of the boxes are covered with 2 narrow metal strips, the kind usually used on linoleum. Small wires, carrying a low voltage of electricity, are attached to the 2 bands, making of them a barrier similar to the electric fence on the farm. When insects come into contact with the electrified strips they soon give up their attempts to escape.

DR. PORTER'S ANTISEPTIC OIL



MR. PLUG:

"For saddle galls and halter burns, I want a boss who quickly learns To use that Dr. Porter's Oil, For him I'd work, for him I'd toil."

MISS FILLY:

"It's sad to see you cut and bruised. I'd say that you've been badly used. But your sore legs and bruises too—Will soon, with Porter's Oil, like new."

It's no news to wise stock owners everywhere. They use Dr. Porter's Oil for all kinds of minor animal hide injuries. Halter and collar burns, cuts and bruises. Over ten million bottles sold. Be sure to get the genuine. Use exactly as directed. So good the boss uses it too.

The GROVE LABORATORIES, INC.
ST. LOUIS 3, MISSOURI
Makers of GROVE'S COLD TABLETS

FREE

RAISE SOUND PROFITABLE PULLETS THIS YEAR

New 1945 Book on Chick Raising

Tells how you may grow the finest pullets you've ever raised. Shows how to save up to 50% on feed cost, at the same time raise big healthy pullets with stamina to lay several years. Gives full information on the rearing plan which has produced many World's Record egg-laying champions in the National Contests. A gold mine of valuable information on how to cash in on the profit opportunity for poultrymen in 1945. For your FREE copy write to THE OYSTER OATS CO., Dept. A-26, Chicago 4, Ill.

DEAF?

If you suffer from hard of hearing and head noises caused by catarrh of the head write us NOW for proof of the good results our simple home treatment has accomplished for a great many people. Many past 70 report hearing fine and head noises gone. Nothing to wear—no one need know—Send today for proof and 30 days trial offer. No obligations.

THE ELMO CO., Dept. 480, Davenport, Iowa

Burpee's GIANT 10' ZINNIAS

5 best colors—Scarlet, Lavender, Yellow, Rose, White

Dahlia-Flowered, 5 inch across, 2-ft. plants, easy to grow

All 5 15c-Pkts. of seeds postpaid for 10c

Burpee's Seed Catalog Free—All best Flowers and Vegetables

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TOMATO FREE TRIAL

Our 1944 Trials—33 varieties Tomatoes proved Victory Tomato earliest of ALL. Ripe Tomatoes red, thick, solid, in 48 days from plants. We are introducing it in every State. Try it.

40 SEEDS Free for Trial

Send Address on Post Card Now

1945 SEED BOOK Free

Vegetable & Flower Seeds

See Page 2 - New Flower Free Trial

MILLS SEED HOUSE Box A, ROSE HILL, N.Y.

STAMMER?

This new 128-page book, "Stammering, Its Cause and Correction," describes the Bogue Unit Method for scientific correction of stammering and stuttering—successful for 43 years. **B. N. Bogue**, Dept. 3712, Circle Tower, Indianapolis 4, Ind.

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When You Think of Hog Serum Always Think of PETERS SERUM

PETERS SERUM CO., LABORATORIES
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\$1 GARDEN SEEDS FREE

To the first 1000 who order through this notice, we'll send FREE \$1.00 in garden seeds. Write for our "Lucky 7" offer and catalog today.

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Don't let Eye Strain ruin Your Eyes!

Good eyesight, man's most precious possession, can be impaired by the strain of STUDY, reading, work under dim, yellow light. If allowed to continue, permanent injury to vision often occurs, and expensive treatments, glasses, etc., may be necessary.



Aladdin Light is restful to the eyes

Floods the entire room with beautiful white light; unexcelled by electricity for whiteness and steadiness. Economical, too! According to tests of many lamps by 33 leading Universities, it gives over twice the average light on half the kerosene (coal oil).

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He'll gladly show you the new Aladdins and colorful, long-life Whip-o-Lite shades. You will be amazed at the low price and how little money and care it takes to keep the ALADDIN at top efficiency for years and years.

MANTLE LAMP COMPANY
Chicago 6, Illinois

Aladdin ...Mantle Lamp...

To Relieve Bad Cough, Mix This Recipe, at Home

g Saving. No Cooking. So Easy.

You'll be surprised how quickly and easily you can relieve coughs due to colds, when you try this splendid recipe. It gives you about four times as much cough medicine for your money, and you'll find it truly wonderful, for real relief.

Make a syrup by stirring 2 cups of granulated sugar and one cup of water a few moments, until dissolved. No cooking needed. It's no trouble at all. (Or you can use corn syrup or liquid honey, instead of sugar.) Then put 2½ ounces of Pinex (obtained from any druggist) in a pint bottle. Add your syrup and you have a full pint of medicine that will amaze you by its quick action. It never spoils, lasts a family a long time, and tastes fine—children love it.

This simple mixture takes right hold of a cough. For real results, you've never seen anything better. It loosens the phlegm, soothes the irritated membranes, quickly eases soreness and difficult breathing.

Pinex is a special compound of proven ingredients, in concentrated form, well-known for its prompt action in coughs and bronchial irritations. Money refunded if it doesn't please you in every way.

OLDER PEOPLE!



Great Tonic Many Doctors Advise

How good-tasting Scott's Emulsion helps tone up your system; helps build stamina and resistance against colds—there is a dietary deficiency of A & D vitamins. It's easy! Simply take Scott's Emulsion throughout the year. It's great! Buy at your druggist's today!

Try SCOTT'S EMULSION
Great Year-Round Tonic

Best Building

(Continued from Page 1)

covered by straw. All of his houses are placed in a single colony and banked. Plenty of pasture makes use of these individual houses ideal for Mr. Good. He moves his colony to new ground each year and fences off a new section of pasture for the hogs. Also movable or easily changed are a straw range shelter and self-feeders placed on railroad ties to prevent bogging.

The 2-stall, Nebraska-type hog house is preferred by Harve Kinzie, Brown county hog man, who uses them in colony fashion, utilizing new pasture to the maximum. He likes the 2-sow houses because he believes they offer more sunshine and provide better ventilation. Also that 2 animals in the one house help keep the temperature higher when the weather is extremely cold. In his estimation it also is a little less work to care for 2 sows and their litters in a single house.

Has Unusual Layout

An unusual housing and feeding layout, but one that has proved highly satisfactory, is that of Roy Nelson, Labette county. It consists of straw-loft central farrowing house with 4 pens on each end and a loafing shed and feed room in the center. Each farrowing stall opens onto a concrete feeding floor which also has individual outside feeding pens for the sows. Partitions in between these outside pens are removable so, as the pigs grow, they can be put together for the run of the entire layout.

Both house and feeding floor are on a double slope to the south and east with pen doors at the low side of each pen so stalls and floor can easily be flushed off with water. There is a concrete ridge between each pen so sows can't push manure or other disease-carrying filth from one pen to another.

The farrowing house floor and the feeding floor are insulated against cold and damp with 4 inches of cinders, 2 inches of a mixture of concrete and cinders and a thin coat of plaster. The loafing shed in the center is equipped with a self-feeder. At the back of this is a grain and feed room with an outside opening for filling. Just in front of the shelter is a 6-foot concrete cistern which acts as a storage reservoir for water pumped from the well. This water, centrally stored for watering the hogs or cleaning out the house and pens, is cooler in summer and warmer in winter as the result of the arrangement used.

Can Go Two Ways

With this layout Mr. Nelson says he can go 2 ways with his pigs when they are 4 weeks old. He can turn them out on pasture which borders the feeding floor or he can provide green feed on the concrete. If kept on the floor they need fresh soil brought in to provide them with the iron sulfate otherwise obtained from rooting in the soil. Pigs fed on concrete also must be provided with an absolute balanced ration, free choice, says Mr. Nelson, since they have no opportunity to pick up anything not given them in the feed. It also is necessary to keep the concrete clean as disease conditions will develop rapidly where manure and filth are allowed to accumulate because there is none absorbed by the soil.

To offset this, Mr. Nelson finds that the layout is easy to clean ahead of the sows and is easy to keep clean if given close attention. The straw loft and ventilation provided by the house make it extremely comfortable for the sows and pigs and much more pleasant for the man who cares for them. The central feed and water accommodations add to the time and labor-saving accommodations.

Careful attention to the location of every house used for hogs is essential. Place the house where the water will drain away freely. If it is on a hillside dig a good ditch on the up-hill side and keep it open. If it is built on rather level ground make a filling so the floor will be at least a foot above the surrounding level. Provide ditches with good outlets on each side of the house and at a distance of several feet.

Moisture from evaporation or from unclean feeding quarters should not be allowed to accumulate and ventilation should be designed to keep the house dry without bringing in drafts or sudden changes of temperature. A temperature of approximately 50° to 60° F. is recommended. Sunlight is equal to ventilation in importance.

HE HAS YOUR BATTERY



Men's lives depend on supplies by air when advance combat units are cut off in enemy territory! Battery-powered parachute lights quickly guide these fighting men to essential food, ammunition and medical equipment. Batteries help light the way to Victory on every fighting front—that's why they are not available here at home. Use your batteries sparingly... always keep them cool and dry. Burgess Battery Company, Freeport, Illinois.

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ADDED... Nourse Friction Proof Motor and Tractor Oil is now Homogenized, an extra petroleum product is forcibly blended into Nourse Friction Proof Oil under controlled heat and pressure, giving it greater oiliness—greater film strength and greater heat resistance.

These added qualities assure you that Nourse Friction Proof Oil will protect Tractor and Car motors against the greater friction caused by present day high powered, high speed performance. Homogenized to meet modern motor needs, Nourse Friction Proof Motor and Tractor Oil provides better protection and lubrication under Winter motor operating conditions.

Stop at your Nourse Oil Dealer's today!

NOURSE OIL CO.

Kansas City 8, Mo.
Business Is Good

NOURSE Friction Proof MOTOR and TRACTOR OIL

Easy Way to Have Fine Flavored Home Cured Meats

To sugar cure 300 pounds meat just add one large jar Wright's Ham Pickle and 28 pounds salt to 10 gallons water—and pack your meat in it. After curing apply two coats Wright's Condensed Smoke, allow to dry, and your meat is ready for the table. Easiest method ever. Sure cure and finest hardwood smoke flavor. Wright's Smoke is also fine for barbecuing and other cooking uses. Products guaranteed. Dealers everywhere.

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WRIGHT'S HAM PICKLE

★ for Sugar Curing ★

WRIGHT'S Condensed SMOKE

★ for Smoking and Barbecuing ★

"GOOD FENCES Helped Put This Farm Back on Its Feet"



John McCrum
Portland, Ind.

"Up to 10 years ago, the fences on this farm were poor; there was very little livestock, and crop yields were low. Now, since completely refencing the farm, I'm able to carry 120 hogs and 50 beef cattle on 185 acres. And crop yields have steadily improved as a result of proper crop-livestock-legume rotations. Corn last year yielded 82 bushels per acre; soybeans, 38 bushels.

"RED BRAND Sure Lasts"

"Every rod of fence on this farm is RED BRAND. Although some of the fence is 10 years old, it still looks almost good as new. RED BRAND sure lasts!"

Present Keystone Fence... tho' not trade-marked "Red Brand" ... is TOPS in quality.

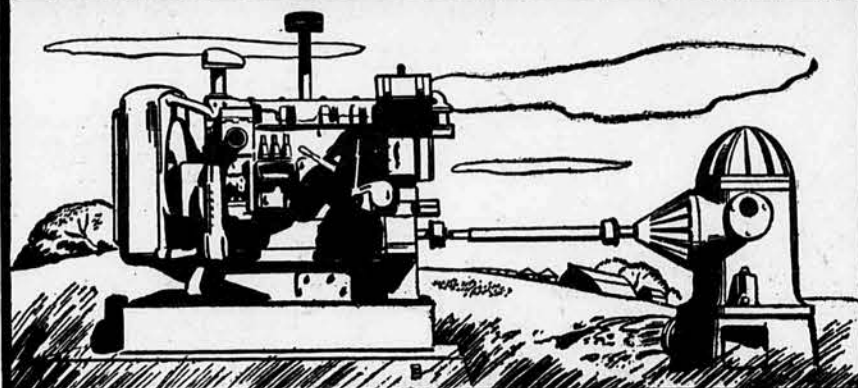
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IF IT'S CONCRETE WE MAKE IT
Let us tell you about the Silo that is built to last a lifetime. The very latest in design and construction. See the new large free-swinging doors and many other exclusive features. The Salina Silo has been giving farmers perfect service for 30 years. Get the Facts — Write TODAY.
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This Drive is used between the turbine pump and the power unit... connects the pump to your farm tractor or stationary engine using gasoline, natural gas or diesel fuel. The Johnson Right-Angle Drive connected to your tractor will assure you low-cost water whenever you need it... permits maximum use of tractor. Types and sizes to meet all specifications for any size acreage. Thousands of these Drives are successfully producing water on farms all over the United States.

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Poultry Business Shows Progress

Custom Hatching Is "On Way Out" Says Christie

SATISFACTORY growth and progress of the Kansas Poultry Improvement Association were reported at the annual Kansas Poultry Conference in Topeka by R. G. Christie, of Manhattan, general secretary.

Thirteen years ago, said Mr. Christie, there were only 58 hatchery members and 1,400 flock owners represented. Last year there were 100 hatcheries and 3,200 flock owners besides the R. O. P. breeders and turkey flock owners. The 1945 turkey flock members are estimated at 150 with 6 of them being in the R. O. P. program.

Total capacity of the 58 hatcheries in the association 13 years ago was 2,800,000 eggs and the average capacity was 48,000. Today the total capacity is 6,295,970 for an average capacity of 61,000 eggs.

Improvement in hatchery practices also is noted. Multiple testing for pullorum is one of the improved practices gaining in popularity. Five or 6 years ago it was not uncommon, says Mr. Christie, to hear a hatcheryman say his flock owners would not stand for a second test on their flocks. Today there are a large number of hatcheries who retest all of their flocks and reduce the reactor tolerance in all flocks to a low level. The number of hatcheries qualifying as pullorum controlled is increasing each year.

Custom hatching is on the "way out," says Mr. Christie, as hatcherymen who have discontinued this practice say "never again." Dropping custom hatching has resulted in better chicks, greater profits, and reduction of pullorum.

A reduction of from 10 to 15 per cent in the flocks being contracted for 1945 indicates there may be a shortage of hatching eggs in the spring, it was pointed out at the conference.

The practice of "dumping" baby chicks thru community auction sale rings came in for considerable discussion and the conference voted to have a committee appointed to work with the next Kansas legislature to work out some control method for distribution of chicks. A more efficient method of grading poultry also was urged.

Eustace Coombs, Sedgwick, was re-elected chairman of the Kansas Poul-

try Improvement Association, Jule Derousseau, Clyde, was elected vice-chairman, and M. A. Seaton, Manhattan, as college representative.

Hatcherymen attending the conference indicated they plan to reduce production for 1945 from 15 to 25 per cent.

Consideration is being given to putting into use a mobile laboratory for pullorum testing of turkeys in the state, as present methods have not proved entirely satisfactory. Every effort is being made to overcome the pullorum problem and the state association is buying and performing autopsies on reactors in an effort to gain all possible knowledge thru research, said Mr. Christie.

There was some indication that hatcherymen were convinced the premium for hatching eggs might have to be raised to insure holding of flocks, but some speakers on the program pointed out that high income taxes offered little inducement to flock owners for more profits than already were obtainable.

Poultry Winners in State Contest

WINNERS in the 3 divisions of the 1943-44 Kansas Poultry Flock Improvement Contest have been announced by the sponsoring agencies, Kansas State College Extension Service, county Farm Bureaus, the Kansas Poultry Improvement Association, and the Kansas City Chamber of Commerce.

First in the U. S. Kansas Certified Flocks division were Mr. and Mrs. Adolph D. Mall, of Clay county, whose 421 single comb Rhode Island Reds averaged 194 eggs a hen for a labor income of \$1,391.27. Second place went to Mr. and Mrs. Willard Colwell, Lyon county, and third place to Mr. and Mrs. W. A. Considine, Osborne county.

Mr. and Mrs. John Brunner, Dickinson county, won the U. S. Kansas Approved Flocks division with an average of 182 eggs on 288 birds for a labor income of \$839.19. Second place went to Mr. and Mrs. Ben Gray, Russell county, and third place to Mr. and Mrs. John E. Burton, Chase county.

Mr. and Mrs. Irving Brownlee, Pawnee county, won first in the division covering all other flocks. Second place went to Mr. and Mrs. K. E. Zeller, Potawatomi county, third place to Mr. and Mrs. L. H. Reece, Wilson county, and fourth place to Maude Long, Rice county.

Recognition certificates were awarded entrants in all divisions whose hens averaged 170 or more eggs. All awards will be made on Poultry Day at Farm and Home Week in February, Manhattan. Winners were determined on the basis of 20 per cent for records, 20 per cent for egg production, 20 per cent for net returns, 20 per cent for equipment, 10 per cent for brooding methods, and 10 per cent for marketing practices.

Leghorns Lead

Single Comb White Leghorns lead all other Kansas breeds in egg production during 1944, according to a summary of Kansas poultry demonstration record flocks for the year ending September 30. This breed had an average of 173 eggs a hen. Buff Orpingtons were lowest with only 125 eggs and the average for all flocks was 163 eggs.

White Plymouth Rocks, sometimes criticized for low-egg production, stepped up to third place with 164 eggs, within 3 eggs of Single Comb Rhode Island Reds, which ranked second with 167 eggs. New Hampshires, popular in recent years, ranked sixth with 151 eggs.

Proves His Point

You can't get high egg production out of hens not bred for production. That is the firm belief of Robert Chapman, Labette county farmer, who certainly has proved his point in his flock.

Mr. Chapman has the Massachusetts strain of Rhode Island Reds and gets cockerels from that state. He won't buy a cockerel with production percentage of less than 300 eggs a year.

A pen of pullets from the Chapman farm set an all-time record in the Oklahoma egg-laying contest of 1942-43 when his 13 entries averaged 258 eggs for the 357-day contest. The average of all pens in the contest was 170. One Chapman entry laid 320 eggs. During the contest his pullets cleared \$58 above feed costs.

In the 1941-42 contest 13 pullets from the Chapman flock laid 3,358 eggs for a point total of 3,297.35. The next year his pullets laid 3,363 eggs for a point total of 3,486.10.

EASY!

**For Flocks
Needing a
Tonic Appetizer**

Just Mix

AVI-TAB

in the Mash

Easy to use in either wet or dry mash. Birds like it... eat hearty... respond quickly. Used and recommended by thousands of progressive feed dealers, hatcherymen, poultry raisers—for birds of all ages. A genuine Dr. Salsbury product. So, when your flock needs a tonic appetizer, try AVI-TAB. Watch how those birds respond! See your Dr. Salsbury dealer, now, for Avi-Tab—hatcheries, drug, feed, other stores.

Dr. Salsbury's Laboratories, Charles City, Ia.
A Nation-wide Poultry Service

GET THE GENUINE

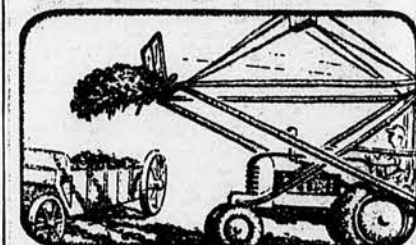
Dr. SALS'BURY'S AVI-TAB

TONIC APPETIZER FOR POULTRY

MAKE FARMING EASIER AFTER THE WAR

Any tractor, two-plow or larger, fitted with Hydraulic Farmhand, can do 26 hard, heavy farm jobs. With one hand you can lift a half-ton 1 inch to 21 feet through smooth, safe, long-lived hydraulic power. Replaces 4 to 6 men, 2 to 3 teams in haying or harvesting. You can load manure or gravel—800 to 1,000 pounds in a shovelful... move rocks, pile stumps, pull posts or raise small buildings. Proved by 5 years farm experience.

Only a few Hydraulic Farmhands available now... plenty after the war is won. Write for illustrated folder of haying, harvesting and 24 other heavy farm jobs you can do with Hydraulic Farmhand after the war.



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The New K-M Silo First in every feature you want. Beauty, Strength, Durability. Vibrated Curved Staves, Waterproof Cement, Triple Coat of Plaster. Ten-year guarantee. 20 years' experience building silos.

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Write, Phone or Wire us direct; or better still, come and see us. Place your order now for early 1945 erection.

KANSAS-MISSOURI SILO CO.
Topeka, Kansas
Kansas' fastest-growing Silo Company—
There is a reason.

Burpee's VEGETABLES

5 of Burpee's Best—Carrot, Lettuce, Beet, Radish and Tomato—10c-Pkt. of seeds of each, all 5 postpaid for just 10c—send dime today!

Burpee's Seed Catalog Free.
W. ATLEE BURPEE CO.
648 Burpee Building, Clinton, Iowa

Corn Yield

A yield of 124.4 bushels of corn an acre in Republic county, where the crop became almost a "thing of the past" during the 30's, is reported by George Frankamp. It is believed to be the highest yield ever produced in the county, and possibly in that section of the state.

Other high yields were reported by Homer Cardwell, 90.06 bushels; Fredrick Baxa, 88.39 bushels; and Junior Wilkes, 70.38 bushels.

Knows Farm Machinery

George Krieger, who has been in charge of the farm machinery division of the War Production Board, and recently special assistant to Donald M. Nelson, has resigned and will return to the Ethyl Corporation.

Before joining WPB in November, 1942, Mr. Krieger was head of the agricultural division of Ethyl Corporation.



George Krieger

His technical service department with headquarters in Detroit. Over a period of years in that position, he was instrumental in the development of the modern gasoline tractor and is

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widely known as an expert on use of farm machinery.

A native of Virginia, he was graduated from Virginia Polytechnic Institute in 1926, and entered the employ of the Standard Oil Company of New Jersey at the Bayway, N. J., refinery research laboratories. In 1929, he joined Ethyl Corporation as an agricultural engineer. He has held important posts in the American Society of Agricultural Engineers and the Society of Automotive Engineers, and is an honorary life member of the American Agricultural Editors' Association.

In his new position with Ethyl Corporation, he will be in charge of rural marketing and special development work as assistant to Julian J. Frey, general sales manager.

Must Stop Flood

Something drastic must be done and soon to curb the activities of the Marais des Cygnes river, so Army engineers have been asked by Representative Scrivner, Kansas congressman, to work out a flood-control project at Ottawa.

There were 3 floods on the streets at Ottawa during 1944, 11 since 1940, and 30 in the last 40 years. Damage to the city and to farm lands along the stream has been terrific.

Need Larger Acreage

Seeding sweet clover on 4 times the present acreage in Kansas is recommended by E. A. Cleavinger and L. E. Willoughby, Extension agronomists at Kansas State College, who say that much is needed to check depleting soil fertility. The state now has about 1/4-million acres but needs more than a million, they maintain.

During its short period of growth, sweet clover will add more nitrogen to the soil than any other legume in a similar period, and in the opinion of these specialists is the best supplemental pasture and soil-improvement crop that can be grown in Kansas.

Sweet clover, they point out, is adapted to a wider range of climatic conditions than the true clovers or alfalfa; is more tolerant of poor drainage, overflow seepage, and alkali and, in the semiarid regions is more drought-resistant than alfalfa or red clover.

Copies of a new circular, Sweet Clover in Kansas, may be obtained by writing the Farm Service Editor, Kansas Farmer, Topeka.

Cogswell Heads Grange

C. C. Cogswell, of Pretty Prairie, was re-elected master of the Kansas State Grange at the annual convention held recently at Manhattan. Ray Teagarden, of LaCygne, was re-elected as overseer and Charles E. Butcher, of Liberal, was elected as lecturer.

A recognition pin for outstanding work performed in 1944 was presented to Joseph Musil, Riley county deputy.

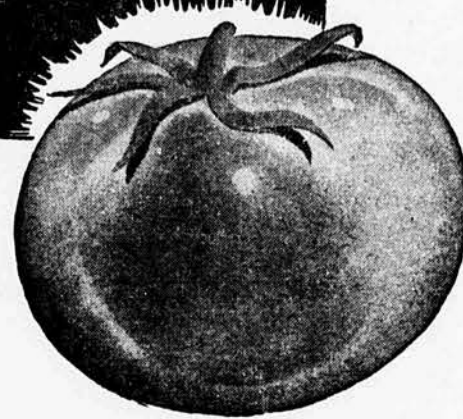
In a speech before the convention Master Cogswell urged all 3 major farm groups, the Grange, Farm Bureau, and Farmers Union, to join hands for the purpose of working out farm problems. He blasted CIO efforts to woo the various farm organizations and stated that farmers should avoid joining with the nation's radical elements.

Stop Pest Invasion

Those receiving packages from servicemen overseas can perform an important wartime service by destroying materials which are likely to carry insect pests and plant diseases, says the U. S. Department of Agriculture. Once these pest and diseases are established they could do serious harm to our farms, gardens, forests, lawns and flower beds.

Since seeds, plants, bulbs and roots can be sent home by servicemen, there is one rule those receiving them can follow. If such packages have been government inspected, and therefore are free of any danger, they will be stamped on the wrapper "Entry Permitted" or "Inspected and Released." Any packages not so stamped—and some do get thru—should be sent to one of the quarantine inspection stations of the Bureau of Entomology and Plant Quarantine, at 209 River Street, Hoboken, N. J.; 207 Federal Building, Laredo, Tex.; 22 Federal Office Building, Seattle, Wash.; or 2 Agriculture Building, San Francisco, Calif.

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along with your free tomato seeds. Get yours today. Appreciate if you send along 3c stamp to help with mailing.



HENRY FIELD

MAIL COUPON TODAY

HENRY FIELD,
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Ads for the Classified and Livestock Section must be in our hands by **Saturday, January 13**

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Albrecht, Vern Smith Center
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 Drips, A. H. Haddam
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 Gies, Harold Arnold
 Gimple, Leona & Verne Burr Oak
 Heart of America Assn. Kansas City, Mo.
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 Lafin, L. E. Crab Orchard, Nebr.
 Latzke, Oscar C. Junction City
 McFarland, Kirk Kansas City, Mo.
 McKenney, J. F. King City, Mo.
 Nebraska Aberdeen Angus Breeders' Assn.,
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Peirce, Harry E. Partridge
 Penney & James Hamilton, Mo.
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 Pontius, C. R. Eskridge
 Rosenfeld, Mrs. Joe Junction City
 Swartz Bros Everest
 Sulter Farm Company Kansas City, Mo.

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 Atwood, Arthur Silver Lake
 Banker, J. H. Salina
 Barber Co. Hereford Breeders' Assn.,
 Marvin W. Pearce, Secy., Medicine Lodge
 Brethour Bros. Hutchinson
 Carey Salt Co., The Hutchinson
 Carey Bros. Manhattan
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 C-K Ranch Brookville
 Cornwell Hereford Farm St. John
 Cottrell, Fred R. Irving
 Dellford Ranch El Dorado
 DeNoon, Ralph E. Olathe
 Doran's Old Homestead Council Grove
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 Fleming, Peter B. Hillsboro
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 Gibbs, Sam Industry
 Gill, Scott W. Harper
 Gimple, Verne Burr Oak
 Hanes, Earl Castleton
 Hanna, C. W. Jetmore
 Hargis, W. H. Belton, Mo.
 Harvey Co. Hereford Breeders' Assn.,
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Haven Hereford Breeders' Assn. Haven
 Johnson, Elmer Smolan
 Jones Hereford Farm Detroit
 Lovett, Albert Quinter
 Luft, John Bison
 Kansas Hereford Breeders' Assn., Manhattan
 No. West Kansas Hereford Breeders' Assn.,
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Kleinschmidt, Louis Hope
 Krontz, Clinton, S. Haven
 Krehbiel, Harvey L. Pretty Prairie
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 Malone, R. L. Lyons
 Miller & Manning Council Grove
 Martin, E. L. Oklahoma City, Okla.
 Moffitt, John J. Lincoln
 Morris County Hereford Breeders' Assn.,
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Mosley, H. R. Andover
 Osborne County Breeders' Assn. Portis
 No. Oklahoma Hereford Breeders' Assn.,
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 Premier Hereford Farm Wolcott
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 Reno County Hereford Breeders' Assn.,
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Roberts, Carl W. Leavenworth
 Roberts, Morris Hoisington
 Ross Farms Ottawa
 Rusk, Ray & Son Wellington
 Schlickau, Harry Argonia
 Schrag Bros. Pretty Prairie
 Sundgren, Julian Falun
 Taylor, Thomas & Sons Great Bend
 Wabunsee Co. Hereford Breeders' Assn., Alma
 Waite, Leon A. & Son Winfield
 Walsten, Walter Inman
 Winsor, R. O. Leon
 Woodrow Farms Independence

Polled Hereford Cattle

Goernandt Bros. Aurora
 Kolterman, Lester H. Onaga
 Porterfield, E. E., Jr. Hickman Mills, Mo.
 Ravenstein, John & Son Cleveland
 Riffel, Harry Hope
 Riffel, Isaac Woodbine
 Roth, Vic Hays
 Sahlin, Edward Ogallah
 Shields, Martin Lincolnville
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 Sweet, H. C. Stockton

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 American Shorthorn Assn. Chicago, Ill.
 Atkinson, H. D. & Son Almena
 Bellows Bros. Maryville, Mo.
 Bert, N. E. Detroit
 Bowen Bros. Hoxie
 Bowser, J. E. Abilene
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 Clodfelter, O. S. Udall
 Coffey & Sons Axtell
 DeGeer, F. E. Lake City
 Dickinson, Lloyd Moran
 Diver, Dwight C. Chanute
 Estes, H. W. Sitka
 Good, Emerson Barnard
 Hedstrom, Edwin Riley
 Herrington, J. B. Silver Lake
 Homberg, A. W. & Son Ellis
 Johnson Bros. Delphos
 Kansas Shorthorn Breeders' Assn., Manhattan
 Lacy, E. C. & Son Miltonvale
 Lamb, Emerson Wilsey
 Leslie, Frank E. Sterling
 Leslie, Ora L. Beloit
 Meall Bros. Cawker City
 Merryvale Farms Grandview, Mo.
 Miller, Clyde W. Mahaska
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 Nebraska Shorthorn Breeders, Cambridge, Nebr.
 Nelson, Arthur New Cambria
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North Central Kan. Breeders' Assn. Riley
 Price, Everett Oakley
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 Reno County Breeders' Assn. Sterling
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 Strahm, G. W. Elk City
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Polled Shorthorn Cattle

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 Alexander, Dwight Geneseo
 Banbury & Sons Plevna
 Bird, Harry Albert
 Edwards, E. O. Talmage
 Fieser, Earl Norwich
 Hanson, Robt. H. Jamestown
 Hegle, W. A. Lost Springs
 Love, W. A. Partridge
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Milking Shorthorn Cattle

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 Barton County Milking Shorthorn Breeders'
 Association Great Bend
 Breeden, Leo Great Bend
 Brown, Dale A. Eads, Colo.
 Brungardt, Lawrence Gorham
 Cook, Clarence B. Lyons
 Craig, Max Osage City
 Dickinson, Lloyd Moran
 Ediger, Ben Inman
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 Gore Bros. Oswego



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"Better Livestock for Kansas"

KANSAS FARMER

JESSE R. JOHNSON,
 Livestock Editor

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 Withers, A. L. Leavenworth
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 Lyons, J. M. Coffeyville
 Red Polled Cattle Club of America,
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 Ross, W. E. & Son Smith Center
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Jersey Cattle

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Beal Bros. Iola
 Benn Dairy Clay Center
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 Bloss, Burton & Sons Pawnee City, Okla.
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 Muse, J. K. McPherson
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 Tankersley, C. W. Clay Center
 Todd, J. F. Pretty Prairie
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 Boll, Mrs. Archie L. Ames
 Chestnut, Pat Denison
 Jenkins, Gerald M. Wichita
 Kale, Fred E. Hawatha
 Longview Farm Lees Summit, Mo.
 Lyn-Lee Guernsey Farm Hillsboro
 Meyerhoff, H. W. Palmer
 Missouri Guernsey Breeders' Assn.,
 Columbia, Mo.

Nelson, J. L., Cedar Drive Farm Wichita
 Penner, Arthur H. Hillsboro
 Penney, J. C. New York, N. Y.
 Peters, Kenneth Ellinwood
 Peterson, C. A. Kansas City, Mo.
 Ransom Farms Homewood
 Rupp, Mrs. Carrie I. Ottawa
 Sasaki Farm Salina
 Schruben, Wm. H. Dresden
 Schultz, W. L. Hillsboro
 Tankersley, C. W. Clay Center
 Thisher, Elwood Junction City
 Tucking, Ernest Nortonville
 Unruh, Orlando Moundridge
 Van Horn, Keith W. Sabatha
 Wiebe, Jacob H. Whitewater
 Woods, Mort Ardmore, Okla.

Dairy Cattle

Brush, Lawrence Wichita
 Givens, Harry Manhattan
 Kolterman, Ewalt Warsaw
 Morris, R. A. Wichita
 Mueller, H. E. Hugo
 Nelson, J. H. Lawrence
 Plainview Stock Farm Springfield, Mo.

Duroc Jersey Hogs

Albrecht, Verne Smith Center
 Anderson, Albin R. Courtland
 Bohlen, Wm. Doran
 Danner Easthills Farms St. Joseph
 Farris, Fred & Sons Fayette
 Givens, Harry Manhattan
 Good, Wallace Sedgewick
 Hadorn, Edward Savannah
 Heidebrecht, C. O. Inman
 Hilbert, W. H. Corns
 Hook, B. M. & Son Silver Lake
 Huston, W. R. American
 Kettler, Allen Park
 Mar-Jo Farm Hutchinson
 Miller, Clarence Abilene
 Miller, Irwin A. Hope
 Rader, P. A. Atlat
 Roepke, Arthur Waterville
 Poppe, Herman Han
 Schulte, Ralph Little River
 Sheehy, C. M. Richards
 Shepherd, G. M. Lyons
 Stallard, Minor & Son Olathe
 Stuckman, Chas. Kirks
 United Duroc Record Assn. Peoria
 Voth Bros. Bush
 Wreath, Geo. Manhattan
 Wetta, Geo. J. And
 Zimmerman, Robt. L. Alta Vista

Berkshire Hogs

Gilliland, Roy Holton
 Headings Bros. Hutchinson
 Luttrell, Fred M. Paris
 Willems, G. D. Inman

Hampshire Hogs

Bergsten, R. E. & Sons Randolph
 DeNoon, Ralph Olathe
 McClure, C. E. Republic
 O'Bryan Ranch Hiattsville
 Ploeger, Warren St. Mary
 Quigley Ranch Empire
 Scheel, Dale Empire
 Summers, Chas. & Son Landon
 Timmons, K. S. Wichita

Spotted Poland China Hogs

Beal, Irwin Mt. Hope
 Billman, Carl Holton
 Blatscher, Henry G. Valley City
 Brown, D. W. Manhattan
 Davis, Wayne I. Manhattan
 Fieser, Earl Norton
 Fieser, Everett Norton
 Konkel, Dale Havana
 Ross Farms Ottawa
 Slater, R. W. Savoy

Poland China Hogs

Bauer Bros. Gladstone
 Davidson, Paul Sny
 Groninger & Son Ben
 Hartman, J. J. & Sons Ben
 Malone Bros. Ray
 Mott, Gene Ray
 O'Hara, Raymond St.
 Rindt, Hubert Herin
 Roediger, Roy Long
 Rowe, C. R. Sear
 Saylor, Ray & Son Man
 Wiswell, A. L. & Son Ol
 Wittum, F. E. & Son Cal

Hereford Hogs

Lyons, Bert Sac City
 Peterson, M. H. Ass
 Regnier, Paul Fairbury
 Schlickau, Harry Ar
 South and West Hereford Hog Breeders' Assn.,
 Schell City
 Swenson, Raynold Bridge
 Yalehurst Farm Peoria

O.I.C. Hogs

Alvey, A. L. Kansas
 Peterson, L. C. & Sons Osage

Chester White Hogs

Buehler, Wm. Sterling
 Cole, Lloyd Mer
 Madden, Joe Maryville
 Rindom, F. O. Lin

Hampshire Sheep

Cox, Mr. and Mrs. Edwin Fayette
 Danner Easthills Farm St. Joseph
 Drumm Farm Independence
 Jenkins, Orville Em
 Missouri Hampshire Breeders' Assn.,
 Lincoln

Schlickau, Harry Ar
 Summers, Chas. & Son Lase
 Walker, E. L. Pe

Shropshire Sheep

Chappell, H. H. & Son Green Castle
 Ficken, H. L. Me
 Lacey, Clarence & Sons Me
 Schrag, Herman H. Pretty P
 Spohn, D. V. Superior
 Watts, Geo. W. & Sons Yates

Oxford Sheep

Luttrell, Fred M. Paris

Southdown Sheep

Paulsen, F. H. & Son Fair

Horses—Jacks

Baugh, B. H. Sed
 Eshelman, H. G. Sed
 Kirk, Glen M. Overland
 Mackey, Joe Mo
 Mills, Warren H. St
 Sweet, H. C. St
 Watts Bros. Lecon

Auctioneers—Sale Managers

Cole, Charles W. Well
 Lawson, Lefty Junction
 Mills, Frank C. To
 Powell, Bert Abilene
 Tonn, Harold Peabody
 Veon, Kenneth Lincoln

O'Bryan Ranch Hampshires

Now have for sale a few Late Spring Boars, 10 and up; Bred Gilts, \$100; Weanling Pigs, \$35; Related Trios, \$100.

Bred Sow Sale—February 24
O'BRYAN RANCH, HIATTVILLE, KANSAS



Hampshire Sows and Gilts

For sale—Twenty (20) high grade and registered Hampshire young sows and gilts, safe in pig to an outstanding registered Hampshire boar. All the above cholera immune, healthy and meat type. Hampshire are the best mothers and America's best growing breed of hogs. Phone 97, August, for appointment.

MARK E. SALTER, DOUGLASS, KAN.

Wigley Hampshire Farms

ST. MARYS, KAN.
BOARS: BOARS: BOARS: Choice fall and winter boars. Every one registered and from register of Merit. Qualifying litters. On average 40 and 24.

BOARS Scheel's "Better Type" HAMPSHIRE

Best of bloodlines, easy feeding and good kind. Visit our farm or write for description and prices.

DALE SCHEEL, EMPORIA, KAN.

Fancy Serviceable Duroc Boars

to 14 mos. old, quick maturing, low built, deep, heavy hammed, cherry red. Fall and winter boars bred for February, March, April farrowing. Immured, Reg., priced right. Herd sires, Parade, Proud Cherry Orion, Builder's Duroc Ace are tops in quality and breeding. Write or write describing your wants. Phone 3, Lyons, G. M. Shepherd, Lyons, Kan.

PROCS

A few yearling sows of Col. Orion breeding, out of Proud Cherry King dams. Bred to a winter-bred dam. They are strictly tops in conformation. One yearling boar by Ben Fancy and one boar of Proud Wave Ace dam. Registered. Immune.

W. HOOK & SON, SILVER LAKE, KAN.

TER: Duroc Boars and Bred Gilts. Indi-

vidually they are blocky. None bettered. For particular farmers and breeders. W. R. HUSTON, AMERICUS, KAN.

Registered Hereford Hogs

High-winning herd National Show. Home of the Champion Boar, Pigs, Bred Gilts. J. VALEHURST FARM, PEORIA, ILL.

SPOTTED POLANDS—

FOR SALE—BRED GILTS and FALL PIGS. Bred 3 choice gilts bred to "Keepsake's" dam, junior champion Kansas Fair 1944. Also September and October boars and sows. They are nicely marked, good type, thicker, shorter-legged kind, good type. Bred 3 choice gilts each during January. All hogs registered and immune. Farm 12 miles west of Topeka on all-weather road. One Elmont.

H. E. HOLLIDAY & SON, Topeka, Kansas

WITTUMS' Better-Feeding POLANDS

75 short-legged, broad-headed, wide, deep-bodied fall pigs. Boars and gilts. F. E. WITTUM & SON, Caldwell, Kan.

Bauer-Type Poland Boars

Black, short-legged, fine selection of fall and gilts. Bred sow sale February 17. TER BROS., GLADSTONE, NEBRASKA

Poland China Bred Gilts

Bred to Champion Supreme by Nation Wide Kansas Chief by Chief of Staff. Also spring and fall pigs. M. ROEDIGER, LONGFORD, KAN.

SPOTTED POLAND BRED GILTS

One litter sow. Fall pigs. Vaccinated and from top placing sows at Hutch. State Fair. L. & EVERETT FIESER, Norwich, Kan.

SPOTTED POLAND CHINA HOGS

offer boars, gilts and weanling pigs. We had 17 times at state fair. Get your orders in. DALE KONKEL, HAVILAND, KANSAS

Dual-Purpose CATTLE

Rebred Red Polled Bulls

have them for sale. Priced right. Age 9 and younger. 15 miles east of Wichita. Yards, M. D. Ayres, R. 1, Augusta, Kan.

Dually Milking Shorthorns

calves, including one of serviceable age, for sale. From Dually now head some of most noted Eastern home of two National Champion cows—each the of several generations of Dually breeding. JOHN B. GAGE, EUDORA, KAN.

Valley Milking Shorthorns

all ages, reds and roans. Some polled, some horned. 8 are service age. Sired by Elm-Star and Maplelawn Ensign and out of producing and blocky cows. W. Wassenberg, R. 3, Marysville, Kansas

BRING REG. MILKING SHORTHORNS

and Bull Calves, from Record of Merit and sired by University of Connecticut Herd Federal Accredited Bang's and T. Ralph Luper, Larned, Kansas

Bring Milking-Bred Shorthorn

of quality and breeding, 12 to 18 months and a few cows. HENSTON BROS., BREWSTER, KAN.

CUST DELL FARM MILKING

SHORTHORNS, offering bulls from calves to 20 months with R. M. breeding. W. S. Mischler & Son, Hockington (Osborne County), Kansas,

Dairy CATTLE

SLUSS OFFERS BROWN SWISS BULLS

We have a few serviceable age bulls for sale. Some of these bulls were sired by the grand champion, State Fair, Hutchinson, 1943. I have been breeding Brown Swiss for 25 years. (Phone 53F3.)

G. D. SLUSS, R. 1, EL DORADO, KAN.

24 High Grade Guernsey Females

For sale immediately: These are all heifers, 14 are two-year-old close springers. All are from good producing cows and are T. and Bang's tested. Phone 8F55

Pat Chestnut, Denison, Kan.

2 REGISTERED GUERNSEY BULLS

One service age, one younger. Butterfat's Gallant McArthur, born May 19, 1943. Sire, Meadow Lodge Reg. Superior 281788. Dam, Butterfat's Noble Rose 508939. He is a sure breeder. We also offer Butterfat's Gallant McArthur 2nd, born September 8, 1944. Sire, Jo-Mar Torador's Crown Prince 307467. Dam, Butterfat's Noble Rose 508939. An exceptionally good calf. Write for prices.

GLENN TOWNE, OSBORNE, KANSAS

Registered Guernseys

FOR SALE
Offering 1 bull coming 2 years old whose dam has 4 consecutive records of 486 lbs. butterfat on twice-a-day milking. Heifer calves from 2 to 18 months old. Inquire of Dan R. Wohlgemuth, owner.

LYN-LEE GUERNSEY FARM, Kansas Hillsboro

BULL CALVES FOR SALE

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

H. A. DRESSLER, LENO, KAN.

Serviceable Holstein Bulls

from Billy daughters and sired by sons of proven sires. Come see them or write to K. W. PHILLIPS, R. 4, MANHATTAN, KAN.

Star Jersey Bull

8 Credits

14 months old. Sire: the 3-star bull, Eagle Ivanhoe of Oz, whose Gold Medal dam gave 14,310 lbs. milk and 795 fat, 365 days. Dam of calf, Fay Coronation Ruby 1311923, classified "Good Plus." E.L.R. record 8,190 milk and 400 fat, 365 days at 3 years old. Also some good foundation cows, tested and classified.

Frank L. Young, Cheney, Kan.

"OF OZ"

—the four little letters of the alphabet which mean so much to Jersey breeders the nation over! It means ROTHERWOOD, the Kansas Farm to which and from which flows the richest blood of the breed!

ROTHWOOD JERSEYS, Hutchinson, Kan. A. Lewis Oswald John Craig Oswald

Beef CATTLE

Look Us Up at Denver

See Our Angus Exhibit

A 5-bull group of 1943 calves and a single entry (Faidley Master Quality 744030). All sired by Applewood Quality 3d 551089. The same bull that sired the two bulls we sold at Denver last year, 51½% above the average of the sale. Also showing some 1944 calves.

QUALITY ABERDEEN ANGUS

Hiram Faidley Farm, Burr Oak, Kan.

Registered Angus

BULLS AND FEMALES FOR SALE
A choice lot of registered Angus bulls and females ranging from calves to mature animals. Bulls up to two years old. One or a car load. Choice bred of Earl Marshall and Prizemere breeding.

L. E. LAFIN, Crab Orchard, Nebr.

Reg. Angus—Popular Breeding

For sale: Few cows and heifers bred to Applewood Bandellor 100th or Revere of Wheatland 58th. Also bull and heifer calves for sale sired by these bulls.

HAROLD GLESS, ARNOLD, KAN.

WALTER WALSTEN, auctioneer and Here-

ford cattle breeder of Inman, reports a very successful sale of his cattle held on the farm December 8, considering bad road conditions. Something like 200 farmers and cattlemen assembled for the occasion. The 1944 bull calves, the oldest 11 months old, sold from \$100 to \$147.50. The younger calves brought from \$85 to \$90. The heifers sold some lower. Demand was heavy for catalogues, and with better roads perhaps a higher average might have been made. Six head went to Larned. The grade cattle sold very well. Frank Mills, Charles Davenport and Mr. Silver were the auctioneers.

IN THE FIELD



Jesse R. Johnson
Livestock Editor
Topeka, Kansas

Looking back over his "yesterdays" the average Kansas livestock grower probably will agree that 1944 was one of the best years he has had. His problems were many and varied. The spring was cold, backward and rainy. Feed was scarce and labor scarcer. But plentiful midsummer rains and Kansas sunshine, matched his energy and resourcefulness, a combination that never fails. Backed by years of better livestock advocacy, good prices for commercial stock and big crops of every kind, the demand for replacement of breeding animals was the best it has ever been.

Native grasses, unchecked by summer drouth, remained until wheat was ready for grazing. War production plants and subsidy payments were helpful factors in creating the unusual demand for dairy cattle. The demand for hogs was stimulated by the shortage caused by early spring grain scarcity.

Twenty-five-year public sale records were broken, without extreme top prices, such as prevailed in the first World War. Kansas buyers were more in evidence than ever, and in many of the high-average sales not a single animal left the state. These exceptions were few and then usually when sales were held near the border.

With limited supplies of tires and gasoline, together with white paper rationing, Kansas Farmer was limited in its ability to render some of the services of the past. But with the excellent co-operation of the breeders and by breaking some past traditions, we carried more livestock advertising than in past years. Of 150 public sales advertised, 63 were for beef cattle, 42 dairy cattle, 12 dual-purpose cattle, 24 hogs, and 9 for sheep.

The C-K RANCH, near Brookville, established itself to a greater degree than heretofore with Kansas cattlemen when it made a \$427 average on 77 lots on December 16. Kansas buyers liked these Herefords so well they outbid all competitors and kept nearly all of the animals in Kansas. Top bull sold for \$1,000 to T. L. Welsh, Abilene; L. L. Jones, Garden City, bought one of the good bulls at \$975; and another was purchased by T. L. Welch for \$625. Forty-eight bulls averaged \$360, and 29 female lots averaged \$538, with \$845 paid for the high-selling lot in the female division, the cow going to Frank Putnam, Salina, at \$570, and her heifer calf to Roy Dillard, Salina, for \$275. The average made by A. W. Thompson, auctioneer, indicates the popularity of C-K Ranch Herefords.

The NEBRASKA BREEDERS' sale of Shorthorns, both horned and polled, held at Columbus, December 14, averaged \$204 on 65 head. Thirty-five bulls averaged \$213 and 30 females \$172. A. B. Outhouse, Broken Bow, Nebr., purchased the highest-selling animal at \$470. The 65 head selling included many young animals and several were not in high flesh. A good crowd attended and the sale was ably managed by Thomas Andrews, Cambridge, Nebr. J. E. Halsey was the auctioneer.

Bad roads interfered with the ELWOOD THISLER Guernsey sale, held on the farm near Junction City, December 15. Limited buyers from a distance, together with a good many cows with defective udders, cut down averages. Prices ranged up to \$175, but the large number bred to freshen too far away kept cows-in-milk buyers out of the buying. The herd bull, Meadow Lodge Climax's Favorite, selling in his 2-year-old form, sold for \$300, going to H. M. Longfellow, of Hiawatha. The cows generally sold around \$100. Heifers sold better in proportion. Bert Powell was the auctioneer, assisted by Francis Maloney.

The W. L. FICKEN Shropshire sheep sale, held at LaCrosse, was poorly attended owing to condition of roads. The offering was of good quality and breeding. Top animals sold up to \$50, that price being paid by Paul Ryding, of Falun, and Leroy Harvey, Wakeeney. The males averaged \$22 and females \$20.25. Fifty-four head sold, all of them staying in Kansas.

Trend of the Markets

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

	Week Ago	Month Ago	Year Ago
Steers	\$15.00	\$16.25	\$15.50
Hogs	14.50	14.40	13.50
Lambs	14.50	14.65	15.00
Hens, 4 to 5 Lbs.	.23½	.23	.23
Eggs, Standards	.41½	.43½	.34
Butterfat, No. 1	.46	.46	.47
Wheat, No. 2, Hard	1.70	1.69	1.68
Corn, No. 2, Yellow	1.13½	1.13½	1.13½
Oats, No. 2, White	.77	.80	.85
Barley, No. 2	1.09	1.13	1.16½
Alfalfa, No. 1	31.00	31.00	34.50
Prairie, No. 1	16.00	17.00	20.00

Beef CATTLE

Buy Ely Herefords



We have all classes of cattle for sale. Now offering 25 yearlings and 2-year-old bulls. We are now getting the first calves from our Turner bull, Bocaldo Tone 72nd, which are outstanding. Our other bulls are Rupert Tone 19th by Hazford Rupert 25th and Royal Rupert 3rd, a son of Rupert Tone 19th. Ely Hereford Ranch, Attica, Kan.

40 Prince Domino HEREFORD

Cows, Heifers and Calves
These cattle are on wheat pasture temporarily, one mile south of town. I have sold my farm and have no place to winter them. MORRIS ROBERTS, HOISINGTON, KAN. Phone 553J Great Bend, mornings or evenings

Polled Herefords

Bulls, cows and heifers, also some good dehorned cows with calves at side. All registered. Domino, Advanced Domino, Harmon and Kendale bloodlines. These Herefords are in the rough and offered at attractive prices. J. M. PARKS, 1305 Wayne, Topeka, Kan.

Cedar Nole Hereford Farm

Bulls from 7 to 18 months, sired by M. L. F. Dandy Domino and Yankee Domino. Heifer calves same breeding. Bred heifers carrying service of Beauty Mischief 6th. RAY RUSK & SON, WELLINGTON, KAN.

WALNUT VALLEY HEREFORD RANCH

—offers at private sale 2-year-old junior herd sire of straight WHR breeding. 25 bull calves 9 to 13 months old, all by WHR Contender Domino 1st or WHR Worthy Domino 41st. 12 yearling heifers and 25 heifer calves. Leon A. Walte & Sons, Winfield, Kan.

POLLED HEREFORDS

REGISTERED BULLS, 8 months to serviceable ages. Extra good bone, type, quality and breeding. JESSE RIFFEL, ENTERPRISE, KAN.

Banburys' Hornless Shorthorns

We have 10 weaned bulls and up to 800 lbs. on our sale list. BANBURY & SONS, Plevna (Reno County), Kansas Telephone 2807

Polled Shorthorn Bulls and Females

Choice young bulls, from calves to serviceable age. Also cows and heifers. Everything Bang's tested. HARRY BIRD, ALBERT, KAN.

Good's Shorthorns

8 Shorthorn bull calves for sale, 7 to 14 months old, sired by Will-O-Pat Prince by Imp. Calrossie Prince Peter. EMERSON GOOD, BARNARD, KAN.

Shorthorn Bull and Heifers

10 to 18 months of age, nice colors, best of type and breeding. Also few cows with calves. E. C. and GLENN E. LACY & SON, Miltonvale, Kan.

★ AUCTIONEERS ★

Buyers Pay the Auctioneer
If he is capable, understands his audience and knows values. His fee is reflected in increased profit to the seller.
HAROLD TONN
Haven (Reno Co.), Kan.

Frank C. Mills, Auctioneer

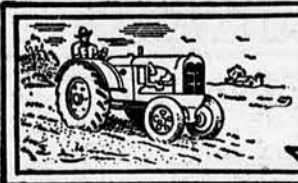
Livestock Salesman
Alden - - - Kansas

BERT POWELL

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

Public Sales of Livestock

- Aberdeen Angus Cattle**
February 8—Eylar Ranch, Denton, Kan. Sale held at Horton, Kan.
April 12—Penney and James, Hamilton, Mo.
May 4—Krotz and Swartz, Horton, Kan. M. J. Krotz, Sale Mgr., Odell, Nebr.
- Hereford Cattle**
February 12—Morris County Hereford Breeders' Assn., Council Grove, Kan.
February 22—Kansas Hereford Breeders' Association sale at Hutchinson, Kan. J. J. Moxley, Secy., Manhattan, Kan.
February 26-27—American Hereford Assn. Round-up sale, Kansas City, Mo.
April 10—Northwest Kansas Hereford Breeders. H. A. Rogers, Atwood, Kan., Sale Manager.
- Ayrshire Cattle**
February 1—Homer Huffman, Abilene, Kan.
- Duroc Hogs**
February 3—Nebraska Duroc Breeders' Association, Lincoln, Nebr. W. A. Waldo, Secretary, Weeping Water, Nebr.
February 8—Clarence Miller, Alma, Kan.
March 3—Wreath Farm and Germann, Manhattan, Kan. Sale at Wreath Farm, Manhattan, Kan.
March 20—Harry Glivens, Manhattan, Kan.
- Poland China Hogs**
February 17—Bauer Bros., Gladstone, Nebr.
February 26—C. R. Rowe, Scranton, Kan.
- Hereford Hogs**
February 19—Osborne County Hereford Hog Breeders' Assn., Osborne, Kan. Chas. Booz, Secretary, Fortis, Kan.
- Hampshire Hogs**
February 24—O'Bryan Ranch, Hiattville, Kan.



The Tank Truck

News from Your Conoco Agent about Lubricants, Farm Fuels, and Service



"OIL-PLATING must have saved the motor..."

HOW TRACTOR RAN FOR MORE THAN 1 Hour without Oil!

HERE'S A STORY of motor oil experience that will make any tractor owner sit up and take notice. It's contained in a letter from Lester Sondgeboth, who farms 200 acres near Mendota, Illinois.

"One day last summer," Mr. Sondgeboth writes, "I was combining quite a large field of oats with my five-year-old Model C Case tractor and International Harvester combine. All at once I noticed the oil gauge showed no pressure. I stopped the motor and investigation revealed that one of the three bolts which secures a plate on the crankcase had come loose and fallen out allowing the oil to drain from the motor."

"I retraced the path of my tractor in the hopes of finding the bolt and to check where I had started to lose oil. Could not find the bolt but was able to estimate that the tractor had operated for over an hour without oil."

"After securing another bolt the crankcase was again filled with Conoco Nth . . . and work proceeded. The rest of that day was a long one for me as I expected the motor to fail any minute. . . . Nothing happened however and the tractor still operates perfectly." And Mr. Sondgeboth concludes his letter by stating, "OIL-PLATING must have saved the motor."

What OIL-PLATING is—How it Works:

Now maybe OIL-PLATING had a little help from the last few drops of liquid oil in the bearings of that tractor engine. You'll draw your own conclusions from a knowledge of what OIL-PLATING is and how it goes to work inside your engine.

OIL-PLATING is a surfacing of lubricant that's fastened and held to inner parts of your engine by a special ingredient in Conoco Nth motor oil. That added ingredient sets up a force that you might almost call magnetic, because it makes metal attract OIL-PLATING!

From the very minute you start running your engine with Conoco Nth motor oil in the crankcase, you'll begin to have OIL-PLATING to protect working parts from needless harm. And all the while you use Nth oil, there'll be OIL-PLATING fastened direct to fine-finished surfaces—night and day—running and standing!

OIL-PLATING helps in Day-to-Day Operation too!

You may well agree with Lester Sondgeboth that OIL-PLATING deserves the credit for saving his engine. Still you'll want to know how OIL-PLATING works any of the time—for it's only once in a blue moon that you run into an emergency. Well sir, we won't tell you any more about Nth oil! We'll leave that to some of the many farmers who use Nth oil right along.

Fritz Ludwig (right) and his son Luverne have used Conoco products for seven years.



Here, for example, is part of a letter written by Fritz Ludwig, who has used Conoco products since 1937 on his 320-acre farm near Sioux City, Iowa:

"Since using Conoco products," Mr. Ludwig writes, "I have reduced my operating expense considerably. Repairs are practically nil compared with the cost of keeping my tractor in op-



In addition to the diesel tractor he's driving in this picture, Fred Hirschy operates five gasoline tractors!

erating condition previous to the use of your products. Your pressure lubricant is tops—it stays put, lasts longer and does a real lubrication job. . . . You can well appreciate my gratitude to the salesman who started me out in using Conoco oils and greases."

Another enthusiastic user of Conoco products is Fred L. Hirschy, who uses five gasoline tractors and one diesel on his 25,000-acre ranch near Jackson, Montana. His experience with Conoco goes back seventeen years, and he writes:

"We have used Conoco products all the time and have had real 'money saving' lubrication. It is with great satisfaction that we write you. . . ."

Still another "booster" for Conoco is C. V. Welch, whose 300-acre rice farm and stock ranch lies near Raywood, Texas. His letter says, in part:

"Before Conoco products were available in this territory I used various brands of petroleum products. . . . and every year I had repair bills that were caused primarily by faulty lubrication. . . . for the past three years I have used Conoco Nth, Conoco HD



Conoco Salesmen Harold Sonntag and Leo Hochstatter help Lester Sondgeboth solve a tractor lubrication problem.

oil, Conoco transmission oils and greases, and Conoco gasoline exclusively, and . . . they have given me 100 per cent satisfactory service."



C. V. Welch is really convinced of Conoco quality and says he'll "continue using Conoco products indefinitely."

Get Your Own Engines OIL-PLATED!

They say about persimmons that you'll never know how they taste till you've tried one. The same thing applies to Nth oil and other Conoco products for farm lubrication—you'll never know how good they are till you've used them in your own equipment. Call Your Conoco Agent today, so that he can arrange to stop at your farm soon. He's got a full line of the oils and greases your equipment needs—and he can advise you on proper care of anything that's lubricated. He's got a FREE Conoco Tractor Lubrication Chart for you, too, just made for your own model tractor. And whether you want lubricants or advice or the help of that Tractor Chart, there's no obligation in phoning Your Conoco Agent, Continental Oil Company.

AT YOUR SERVICE WITH:

Conoco Nth motor oil—Conoco HD oil
Conoco transmission oils—Conoco pressure lubricant
Conoco Pumplube, Racelube and Coglobe
Conoco Sufind grease, cup grease and axle grease
Conoco Brenz-z-z gasoline—Conoco tractor fuel
Conoco diesel fuel—Conoco kerosene and distillates



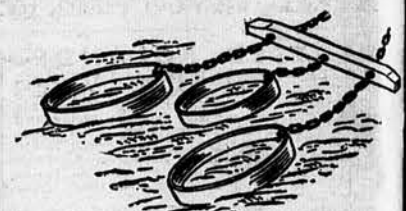
DO YOU WANT SOME EXTRA CASH?

Do you want to help yourself and help Uncle Sam, too? There is one crop growing on many farms which can be harvested and sold right now for ready cash. That crop is timber! Uncle Sam must have sawlogs and pulpwood to win the war! Mills are paying top ceiling prices for wood and you make more money when you do your own cutting and hauling. But, find a buyer for your pulpwood or sawlogs before you start to cut. Get the advice of your county agent. He will tell you how to thin and improve your woodlands and sell your extra trees at top prices. When you have time to spare from other farm work, remember, it's patriotic and profitable to send wood to war. But first, ask your county agent what to cut, how much to cut and where to sell it. See your county agent today.

\$ DOLLAR-AN-IDEA

Ideas that help to make work easier on the farm front are worth a dollar in any man's money. Send your original ideas to *The Tank Truck* in care of this paper—and win \$1.00 for each of your ideas printed!

Earl Stevens of Lacon, Illinois, recommends using old iron rims from wagon wheels instead of a harrow behind a disc. He says they do as good a job as a harrow, and drag a lot less dirt, cutting fuel consumption and allowing the tractor to be driven in higher gear. The diagram shows his method of hitching.



"I save much time and a messy house when cleaning the stove pipes," writes Mrs. Ray D. Robertson from Madison, Nebraska. "I put a paper sack on bottom and top, thus . . . no soot is to be cleaned up."

The illustration at right shows a gadget rigged up by D. Stedman of Summerfield, Kansas, using two discarded mower blades. In cutting ears of corn in half to feed cattle, he simply strikes the ear against the knife edges.

