

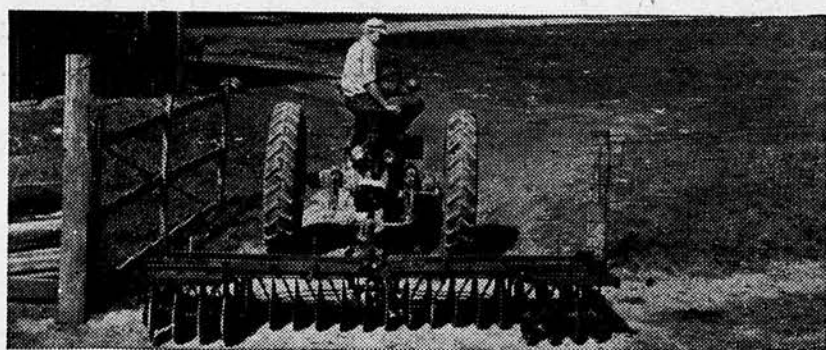
Kansas Farmer



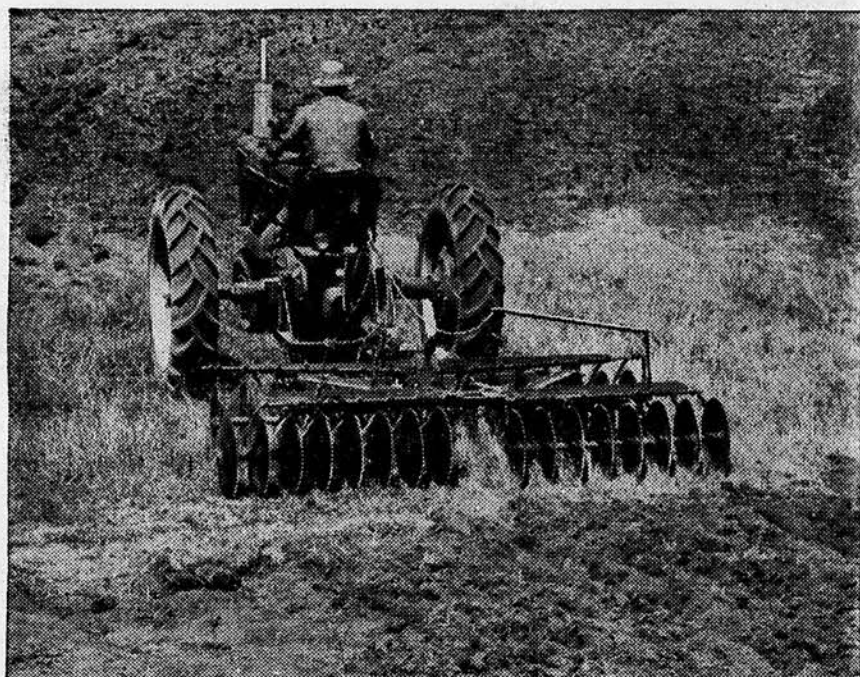
- **Up or Down for Poultry and Eggs?** . . . Page 5
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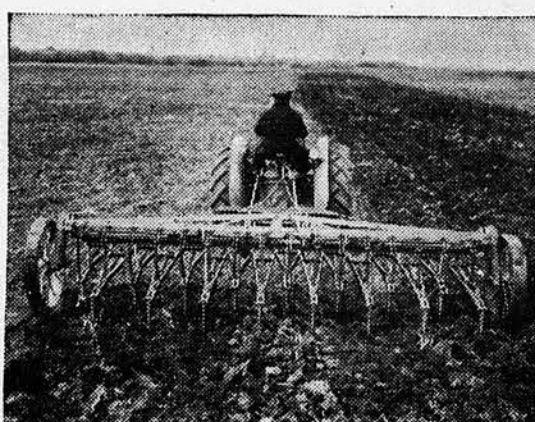
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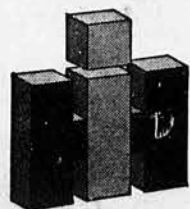
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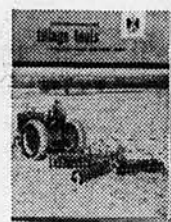


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Farm Matters

AS I SEE THEM

MOST New Year's "predictions" the past week have been optimistic—"business will be good." These predictions are especially optimistic from government officials.

Many who are, sometimes rather loosely I believe, classified as "economists" and also "economic advisers" likewise are predicting a high level of business activity. However, most of these latter qualify their optimism by saying "for the first half of the year." Then some of them indicate that sometime during next year the domestic demand for many classes of goods will be overtaken by plentiful supplies.

That, of course, already has happened in agriculture. Wheat, corn, cotton are in surplus supply, also several other farm products. Acreage allotments have been proclaimed on wheat and corn. In the field of manufactured goods, however, there still remains a backlog of unsatisfied demand for civilian goods built up during the war years. To match this demand there also are billions of dollars in accumulated "liquid" savings in the hands of millions of individuals.

So, there seems to be reason for what Secretary of Commerce Sawyer calls a "tempered optimism."

A lot of statistics can be and are being pulled to show that everything is lovely.

But it seems to me a vital factor is left out of a good deal of these statistics on savings, production and stock market operations.

That is the undoubted fact the people of the United States are living in a "propped up" economy, supported also by a good many government-pegged prices and wages.

Our economy, our business operations in production and distribution, in buying and selling, are propped up by abnormal peace-time military expenditures. And by government gifts of foreign aid, billions and billions of dollars. Also by government-supported farm income, and by government loans to business enterprises.

Then, too, the Federal Government is pouring out billions of dollars in deficit spending—spending dollars it never has collected. Government is living beyond its means.

So we have a situation in which business—including prices and wages—is "pegged" at a relatively high level by the continuous expenditure of public funds, tax-raised or borrowed. That is not a healthy situation, and cannot go on forever without disastrous consequences.

I sense a tax revolt coming. Not only here in Kansas, but all over the nation. Friends in Washington tell me the mail of senators and representatives in Congress increasingly deals with taxation, and more and more of the letters are demanding tax relief. I note that Senators George, of Georgia, and Millikin, of Colorado—Democrat chairman and ranking Republican member of the senate finance committee—have come out strongly in favor of repealing the wartime excise taxes. That should be done.

But the problem cannot be solved just by reducing taxes. We as Americans should not

demand that the government collect less money from us in taxes, and at the same time demand that the government pass out more money to us as individuals, and spend more and more billions for projects in which we are interested.

I ran across a letter which Capt. Eddie Rick-enbacker, World War I ace and an outstanding American, wrote to some friends. In it he comments:

"A philosophy alien to our American way of life, liberties and freedoms is penetrating the hearts and souls of our men and women, namely, something for nothing or more for less. . . . If we continue on this highway of alien philosophy and do not rededicate ourselves to the obligation and responsibilities that go with the heritage of citizenship in this great land of ours, the United States, with all its glorious history and present prestige, will follow the road to ruin of other great empires thruout the age.

"I think it is well for all of us to do some pretty straight and purposeful thinking as we enter this new year of 1950."

Important to Farmers

I WANT to call your attention to the annual meeting of the Kansas State Board of Agriculture, scheduled for January 11 to 13 in Topeka. It will be a worthwhile get-together of real farm leaders.

As we start this new year of 1950 many Americans are expressing misgivings about what the future holds for personal, state and national life. Unfortunately in some quarters there is a tendency to admit defeat concerning the multitude of economic policies and changes that are being created almost daily. This attitude of avoiding the unpleasant or radically new and merely drifting with the mass is a dangerous one, and perhaps could be named as the cause of many of the ills of economic and political nature today.

As a group, perhaps American farmers have more individual problems and are being faced with more drastic changes in the immediate future than any other class in the Nation. Our farm people here in Kansas are no exception; parity prices, production controls, surplus farm commodities, new farming methods and production of new farm goods all pose serious, far-reaching difficulties.

However, as the new year starts, the people in Kansas are gathering to attend this 79th annual meeting of the Board of Agriculture, and they will exert a positive influence in shaping the future of state and national agricultural policies. It is during this meeting, as well as others thruout the year, farmers of Kansas demonstrate their fundamental belief; that if

there is to be any improvement in world conditions or economic life it is necessary for the individual, working with other individuals, to accomplish such improvements.

For the last 78 years the Board of Agriculture meeting has been a highlight of our farm people. It brings to the state outstanding leaders, technicians and specialists in all phases of agriculture and related subjects. From the program I received from J. C. Mohler, secretary of the Board, indications are that this year's agenda for the annual meeting will make it another outstanding gathering of top-notch speakers and authorities.

In one sense, I shall attend this 79th annual meeting with a certain amount of sadness. This is the last meeting my close friend J. C. Mohler will serve as secretary. Effective in January he will retire from the position he has held since 1913. His career in Kansas and American agriculture has been long and served during a time when great improvements in agriculture and agricultural living were realized. During the time J. C. Mohler was secretary of the Board a new high in the philosophy of how agricultural laws should be administered was established.

Knowing members of the Board of Agriculture as I do, however, I feel confident these outstanding farm leaders will select an able man to assume the important duties of the Secretary of the Board of Agriculture.

During this annual meeting more than 100 of our best farm leaders will be in Topeka for the meeting. Incidentally, I might add that it will be a great pleasure for me to visit the meetings and renew my friendships with many of these men whom I have known over the years.

One highlight speech will be when Hon. Governor Val Peterson, of Nebraska, speaks on the Missouri River Basin Development Plan. In recent times this plan has received considerable attention, both favorable and unfavorable. It is important and I believe needs careful study. The fact that our farm people recognize that the Missouri Basin must be considered as a unit, and not just by individual states, is indeed an indication of the far-sightedness of Kansas farm leaders.

I shall be looking forward to the week of January 11, for it might well be termed "Farm Week," for Topeka. Not only will the Board of Agriculture be in session but the Kansas State Dairy Association also will hold its annual meeting on January 11. There is a fine list of dairy speakers on the program and I know you dairymen will want to be in attendance.

I am looking forward to these meetings, hearing the discussions and renewing my acquaintance with you farm people from every corner of this great state.

Arthur Capper
Topeka.

"Slugging Match" Comes Later

WASHINGTON, D. C.—More farm orations than farm legislation are in prospect during the second session of the 81st Congress, which opened here this week. This session of Congress is expected to be more of a preliminary, or curtain raiser, for the 1950 Congressional campaigns the coming summer and fall.

The campaign promises to be a slugging match between the Truman Fair Deal—Organized Labor—City Machine combination on the one hand, and the Conservative—Private Property and Free Enterprise—coalition of Republicans and conservative Democrats on the other.

The "trophy" being fought for consists of some three-score congressional districts recognized generally as agri-

cultural, and a half-dozen senate seats in states with relatively large farm populations. Plus, of course, Sen. Robert A. Taft, of Ohio.

Re-election of Bob Taft would not be taken as bringing to a complete stop the Truman "Fair Deal" program for a Socialist-Labor Welfare State. But Taft's defeat would fake the heart out of the opposition.

Administration strategy as announced before the session opened is to bring up the FEPC (Fair Employment Practices Commission) bill in the Senate. It is known that Senator Taft is opposed to the FEPC, while favoring

some of the other so-called "Civil Rights" legislation backed by President Truman. Presumably the FEPC is to be thrown into the congressional arena to show up Senator Taft as opposed to certain pressure-group programs—and as really reactionary, of course.

Washington will be surprised if the present session enacts any major farm legislation, or makes any major changes in the existing farm program. The Administration will go thru the motions of trying to get the so-called
(Continued on Page 23)

KANSAS FARMER

Continuing Mail & Breeze

Topeka, Kansas

Vol. 87, No. 1

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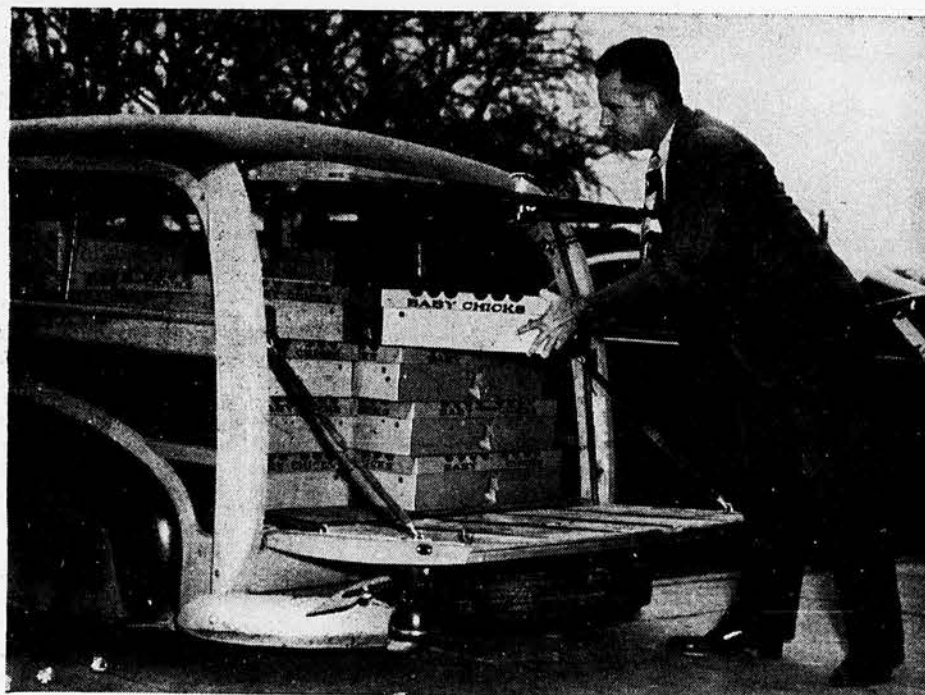
Member: Audit Bureau of Circulations, Agricultural Publishers Association, National Association of Magazine Publishers.

Published the first and third Saturdays each month at Eighth and Jackson streets, Topeka, Kan., U. S. A. Entered as second class matter at the post office, Topeka, Kan., U. S. A., under Act of Congress of March 3, 1879.

Three years, \$1; one year, 50 cents. Copy 5c.

UP or DOWN for Poultry and Eggs?

By Ed Rupp



HEADED FOR THE OZARKS (Above): John DeForest, Peabody hatcheryman, loads 3,200 chicks in his station wagon. Destination is Arkansas for the broiler industry.

WILL poultry and eggs be up or down in 1950? Just try to answer that question—and wind up in the same spot as political prophets of the last national election. Several hundred Kansas hatcherymen are wondering about that right now. So are thousands of farmers in the state who buy chicks regularly each spring.

There is an Old Country saying about the rooster as a weather prophet. In its translation it goes something like this: "When the rooster crows from atop a manure pile, either the weather will change, or it will remain as it is." We are just that sure about poultry prospects for 1950. Either they will change, or remain as they are.

But seriously, it looks as if poultry in Kansas has been climbing steadily up the ladder to the compartment-type nest in the last 25 years. Look back to the 1920s. In actual dollars poultry contributed 45 to 50 million dollars to state farm income. It hit a low of about 18 million in

The Cover Picture

As far as we know, Kansas hatcherymen have never stepped into the delightful business of naming a Hatchery Queen for the state. Maybe we can start the ball rolling by making a nomination, our cover girl for this issue. She is Betty Beeton, who works in the front office of the John DeForest Hatchery, Peabody. Betty has worked several years at her job, but before long she expects to marry and make her home on a farm near Peabody.

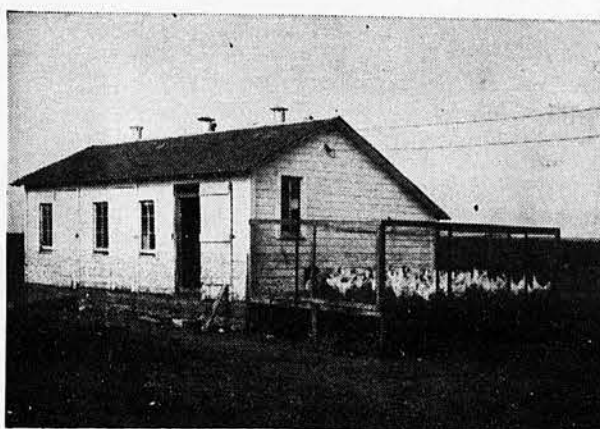
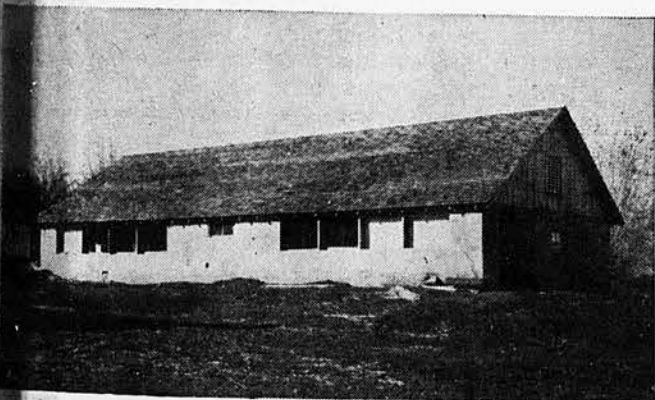
Besides the usual qualifications for a Queen, we feel the Hatchery Queen also should be able to sell baby chicks. And don't you get the feeling, looking at Betty on the cover, that she has just asked you, "Have you placed your order for chicks?" And she has popped the question in a most appealing manner.

1933. But things have been happening in the last few years. From 1941 to 1943 actual dollar income from poultry skyrocketed from 32 to 80 million dollars. That's quite a jump. Maybe a little leveling off the last few years wasn't so bad. After all, 70 to 75 million dollars a year isn't just chicken feed. And that's what has been happening in Kansas. Poultry each year in Kansas produces about the same income as dairy products.

On a national scale, poultry is big business, too. It ranks in fourth place as a major farm commodity. You might find it hard to believe, but wheat ranks in fifth place.

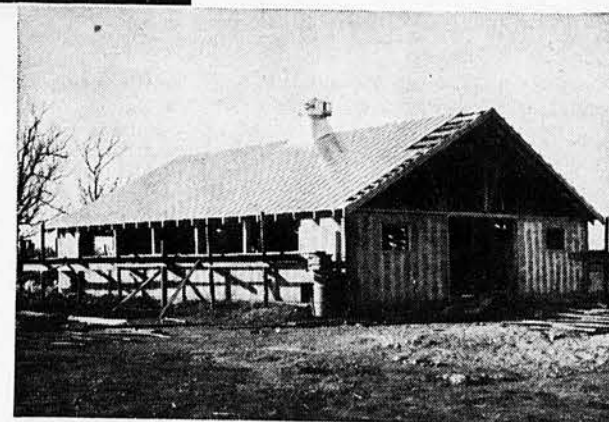
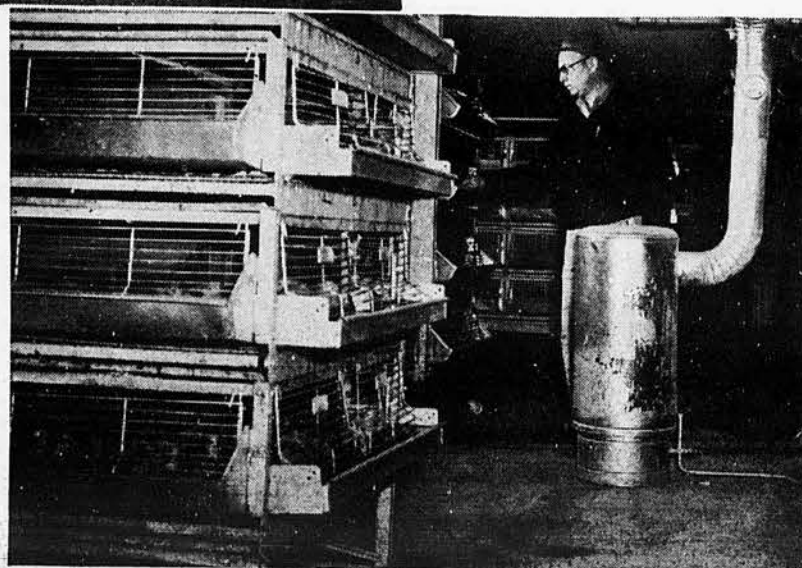
A year ago breeding flocks were down. Poultrymen had reduced flocks some because of unfavorable feed price-egg price ratios. Some hatcheries were hard pressed to find sufficient eggs for hatching to meet demand. Breeding flocks seem in better supply this winter than a year ago. But to get [Continued on Page 22]

FIRST FARM IMPROVEMENT (Below): A new laying house, 24 by 52 feet, was the first improvement built on the Menno S. Goertzen farm, Marion county, after they moved there last summer. Poultry will be a steady business each year on this farm.



HOW TO INCREASE EGG CAPACITY (At Left): John Patterson, Chase county, uses brooder houses for layers early in the season. By spring, flocks are culled down and brooder houses are available for small chicks again.

LAYING HOUSES ARE DEEPER (Below): This new laying house on the farm operated by Leo Reid, Marion county, is 30 feet deep. Twenty feet or more in depth, along with open front, is important to flock health. Large door in end will permit using manure spreader to clean the house.



BATTERY-STARTED BROILERS (At Left): G. F. Hines, Osage county, has battery capacity for 4,000 broilers in this store basement. All heat comes from the small oil-burning stove. After 3 or 4 weeks broilers are moved out to growing rooms.

Man of Many Jobs

Typical of Western Kansas' Interesting People

By DICK MANN

WHEN he pulls on his boots in the morning it must be difficult for Willard Mayberry, of Elkhart, to remember who he is going to be for the day. He could be Farmer Mayberry, Publisher Mayberry, Car Dealer Mayberry, Lecturer Mayberry, Politician Mayberry, or just plain Mayberry.

It's the versatility of Western Kansas people which makes that section of the state so interesting. Those who stay there very long usually branch out into varied enterprises. But none has branched more often or into more unexpected directions than this man Mayberry.

Altho born in town, son of a school-teacher, Willard Mayberry comes from a line of what he calls "land lovin'" people. His 2 grandfathers, upon their discharge from the Union army, made a beeline for Kansas to file claims—one near Lyons, the other in Pawnee county.

Willard's father, James Mayberry, went to Oklahoma in the late 1890's and pre-empted land in the southwest part of the state. He also taught in Central Normal School, at Edmond, and later in Epworth University, Oklahoma City. The family moved back to Emporia in 1913 when the elder Mayberry got homesick for Kansas.

So it was that Willard grew up in Emporia, attended Emporia State Teachers College, and went forth to teach English and history. He taught 2 years at Ponca City, Okla., and was principal of the Great Bend high school 3 years.

An Eye on the Land

But even while teaching, young Mayberry had one eye on the land. His father had purchased several quarters in Southwest Kansas and asked Willard to look after them. Willard did, and while doing so, liked the country out that way so well he bought 3 quarters near Elkhart.

It was only natural, then, that the call of the land took him out of the schoolroom in 1927 and he moved to Elkhart. From there he could manage his farm and still look after his father's holdings near Meade.

That same year, tho, he branched off again and purchased the Tri-State News, a weekly newspaper at Elkhart, which he still publishes. Farming and newspapering kept young Mayberry fairly content until 1933, when his interest in politics developed to a point where he was appointed private secretary to Governor Alfred M. Landon. This meant Politician Mayberry had to leave Elkhart for a 4-year period—a rather critical time for Willard and Southwest Kansas folks—as it turned out.

"I had a mighty tough time keeping my holdings," Willard recalls. "I bought largely on credit and, during the 4 years from 1933 to 1937, it took everything I could scrape up from other sources to keep my farm and my newspaper going."

Willard refers to those wind-blown days as "the dirty thirties." "Things really were tough out there when I went home after the Landon term," he says. "They were so tough, in fact, I took a flyer into another newspaper deal—a partnership in a paper at Liberal—and moved there for a year. I was still holding my interests in and

around Elkhart, but I had to find some place else to make some money."

Always interested in the water problems of Southwest Kansas, while in Liberal Willard joined with several other men to sink a pilot irrigation well at the edge of town. "We were trying to find some method of stimulating people's faith in the country," Willard recalls. "It was strictly a promotion stunt and we made a big thing out of it. Governor Alfalfa Bill Murray, of Oklahoma, came to dedicate the well and about 5,000 persons turned out for the event."

The irrigation stunt did have some practical results, however. From the well a 120-acre tract was irrigated experimentally for 2 years. Main crops were sorghums, sugar beets and soybeans, with some melons and sweet potatoes.

"We proved irrigation water could be lifted 300 feet profitably at that time," Willard recalls. "Hand labor needed to farm the crops was the biggest headache and resulted in abandonment of the project later. The tract we used is now part of the expanded Liberal residential section."

History has proved that Farmer Mayberry and his partners were on the right track. Well irrigation has spread now thruout the Southwest and is doing much to stabilize feed production in that area. There also are spots where considerable irrigation truck farming is proving profitable.

Possibly the turning point for Willard was 1938. That year he resumed full operations at Elkhart and leased the land near Meade to a tenant so he could devote all his time to the Elkhart holdings.

By 1938 many farmers and ranchers around Elkhart had used up their last resources. The only reason some were still there was they didn't have any way to leave.

"Land was such a burden that a popular joke of the area," Willard says, "was about the fellow who thought he had purchased a quarter section of land. When he got his deed he found the seller had pulled a fast one by giving him a full half section."



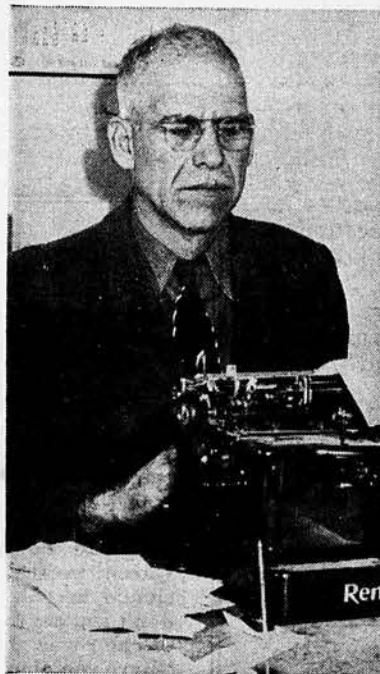
Farmer Willard Mayberry, Elkhart, likes to take an active part in his farming operations. Here he is ready to head for the field.



Topsoil moisture conditions are being studied by Farmer Mayberry, left; John Schmidt, his foreman; and E. B. Garnett, a hired man on the Mayberry farm.



Mrs. Mayberry, right, gets across a point during breakfast as Willard and daughter, Jocelyn, listen. Another daughter, Marilyn, is a freshman at Washburn University, Topeka.



Editor Mayberry knocks out a hot editorial on his trusty typewriter. Publishing the Tri-State News is one of his varied activities.

Willard was more fortunate than most. He still had some money and, more important, a lot of cars and trucks over in his car agency. He couldn't sell the vehicles and his farmer customers couldn't leave the country because they didn't have either money or transportation.

What happened then was both sides did what came naturally. Car Dealer Mayberry traded his cars and trucks, plus whatever cash it took, for equities in more land. Whether you call it faith in the country or plain gambling, Farmer Mayberry's judgment paid off. Things did turn for the better and, like others who stuck it out and expanded, Willard has prospered.

"But I'm no great shakes as a farmer," Willard explains. "Good farming these days is a complex business that takes a man's full effort for maximum results. I like to think of myself as an average farmer-stockman of my area. I practice summer-fallowing, the one big lesson we learned during the 'dirty thirties,' but aside from that my operations are designed to give me some profit and still leave me time for my other interests."

At one time Willard backed into the sheep business by trading 2 pickups and a truck, plus some cash, for a flock of bred ewes. He liked sheep and stayed in the business until 1946, when the herder problem drove him out. He now runs about 300 head of cattle on a year-around program utilizing home-grown roughages and grain.

During the war Farmer Mayberry put his efforts with those of Roy Connor, a well-known broomcorn farmer, to get a German POW camp at Elkhart to help with the broomcorn harvest. Willard hadn't been raising much broomcorn previously, but went into heavy production during the war because there was a shortage of this product. With excellent yields resulting and the German prison labor to harvest the crop, growers made a profit.

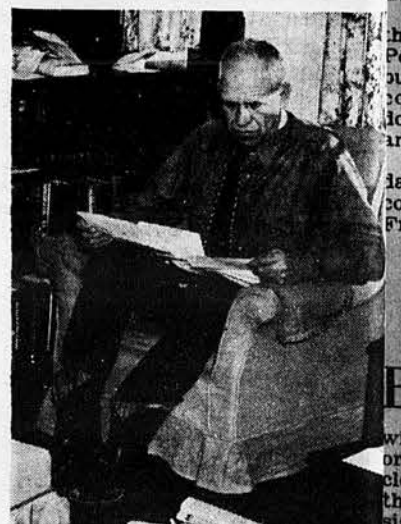
While he was secretary to Governor Landon, one of Willard's friends was

Ben Franklin, then state business manager but former owner of several cha tauqua circuits. A showman at heart, Mr. Franklin conceived the idea of organizing Knife and Fork Clubs in cities thruout the United States. These clubs were composed of civic leaders who also were interested in national and international affairs. Mr. Franklin then acted as an agent to book outstanding speakers for the circuit.

He soon found almost everybody was an expert on some foreign country or some international subject, but nobody wanted to talk about America. So he came to Willard. That was back in 1941. Willard was sent out on a few trial speaking dates just to see what would happen. Plenty did. City folks liked Willard's 10-gallon hat, his cowboy boots, his booming voice, and his homespun philosophy. Farmer Mayberry had branched again. He now was a lecturer.

And what did Lecturer Mayberry talk about before all these city guests of wigs? Well, he talked about agriculture's contribution to America. He taught that his city listeners in no uncertain terms that the smell of the stockyards is a blessing to the county.

(Continued on Page 7)



Lecturer Mayberry studies some material for one of his famous "Drumbeats of the Soil" talks. He has appeared as speaker before groups in more than 300 cities in all 48 states.



Car Dealer Mayberry talks over a mechanical problem with his shop foreman, Paul Lewis.

mighty healthy smell, and that this Government and this Nation would not endure if the people forgot this simple fact. He called his message "The Drumbeat of the Soil" and, since 1941, has delivered variations of this speech in more than 300 cities in all 48 states. Briefly, the Mayberry philosophy is contained in a 4-point credo, as follows:

That the pace of American greatness is set by its creative imagination and its productive genius.

That this creative imagination and productive genius stems from unlimited opportunity, the incentive factor made possible by our government and tradition, and by a soil lovin' and soil tilling people.

That the strength of the Nation is in exact accord with the strength of its topsoil.

And, finally, that the rhythm of the people's progress is the drumbeat of the soil.

For the last few months Willard's cowboy boots have been tromping zig-zag paths across Kansas, too, as he fills speaking engagements before both town and country audiences. There is a lot of speculation in some quarters as to where those paths might lead. Some folks are predicting that, come next election, Willard's boots will be scuffing the back side of the governor's desk at the statehouse. Willard isn't saying. Maybe he is just making speeches for the sheer joy of talking and meeting people. Perhaps he is getting ready to branch again. You never can tell.

Allen Wins Bull Contest

ALLEN county dairymen scored 2,280 points to win first place in the 1949 Kansas Dairy Bull Project, sponsored by the Kansas City, Mo., Chamber of Commerce and the Dairy Department of Kansas State College. Johnson county was second with 1,460 points, and Franklin county third with 1,380 points.

Dairymen of the winning county will be guests of the Kansas City Chamber of Commerce at a dinner in Iola, February 7. At that time the president of the Allen County Farm Bureau will receive a bronze plaque in behalf of the county and the county agent, Joe Divine, will receive a gold watch.

Purpose of the contest is to improve the quality of bulls used in dairy herds. Points are given for each registered bull purchased by dairymen within the county during the year. Points are doubled if the registered bull replaces an unregistered animal.

In winning the contest, Allen county dairymen replaced 69 bulls. Johnson county reported 52 replacements and Franklin county 50.

Flying Farmers Head for Mexico

BACK to Mexico. That is where Kansas Flying Farmers will go for their 1950 vacation trip. Flyers will meet in Laredo, Texas, January 16, or early enough the following day to clear customs for Monterrey. After that there will be 12 days of planned sight-seeing, entertainment and relaxation.

A choice of 2 trips has been scheduled. Both trips will take flyers to different parts of Mexico than they visited last year. After meeting in Monterrey, flying farmers will hop over to Saltillo, January 18, to take in the inauguration of a new airport at this capital city of the state of Coahuila. The following morning the 2 groups will divide and start on their respective trips, meeting again in Monterrey January 27 and 28.

Last year 169 flying farmers from Kansas visited in Mexico, many for the first time. Many unable to go last year indicated their desire to see Mexico this year.

Expected among the flying farmers on their vacation trip this year are Governor and Mrs. Frank Carlson. Governor Carlson was made an honor-

ary member of the group at the annual meeting in Dodge City last May. Altho their time will be limited because of a busy week beginning January 22, Governor Carlson has made plans to be with the flying farmers as long as possible the preceding week.

More than 100 Kansas flying farmers plan to make the Mexico vacation trips this year. Arranging for the tour is a committee of 3 appointed by William Janssen, president, of McPherson. A. S. (Sonny) Neal, Little River, is chairman of the committee. Other members are John Poole, Junction City, and Sydney E. Walton, Shields. Mr. Janssen and Mr. Neal flew to Monterrey 2 weeks before Christmas to complete final arrangements for the trips with Jose F. Muguerza, who pleased many a year ago as host to the Kansans.

Leaving Monterrey, one group will go by airliner for long hops and busses or cars for short trips thru the historic lands west and northwest of Mexico City. This will be a leisurely sight-see-

ing tour to such places as San Luis Potosi, Leon, Guanajuato, San Miguel Allende, Guadalajara, Lake Chapala, Lake Patzcuaro, Morelia and then on to Mexico City.

The second group will fly by airliner direct from Monterrey to Mexico City for a few days, then to Acapulco for 6 days.

Coming . . .

Remember "This Was Life in Early Kansas" by Lela Barnes? How she told about the struggles of John and Sarah Everett? What grand folks they were!

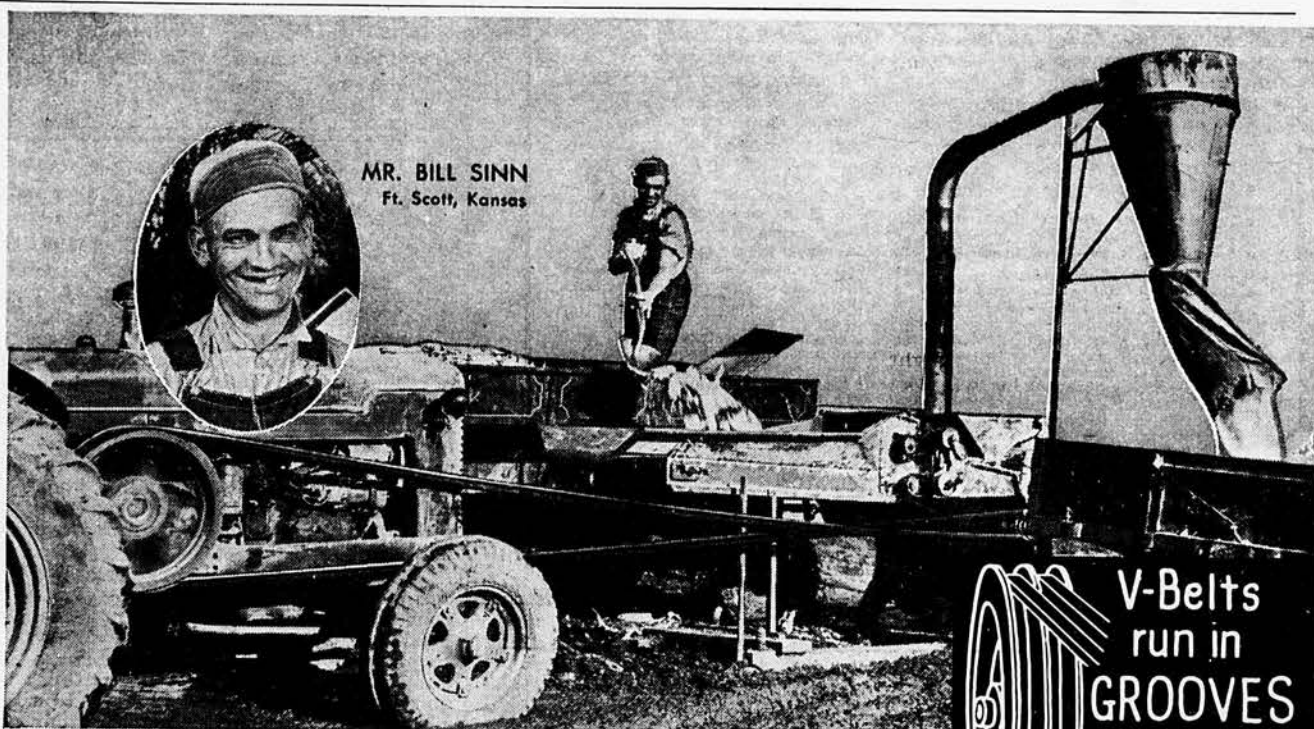
Well, here is good news. Watch next issue of KANSAS FARMER for another article by Lela Barnes. In her usual interesting way she tells what Kansas was like back in the 1850's.

And after that there will be another series by Mrs. Barnes, telling a great story from the "Wells" letters. You won't want to miss a single one.

—The Editor.

Costly Borer

The European corn borer last summer cost 6 states 280 million bushels of corn. USDA and state entomologists estimate the loss 2½ times that in 1948. Iowa was the big loser with 140 million bushels contributed to the borers. Kansas has the borer.



MR. BILL SINN
Ft. Scott, Kansas

"With V-Belts, I Grind in Half the Time . . . even in Rain or Snow!"

Let Mr. Bill Sinn of Ft. Scott, Kansas, tell you how much time and trouble he saves by using Gates VULCO ROPE V-Belts to run his hammermill from the belt pulley of his tractor. Mr. Sinn says:

"There's no comparison between a flat belt and these Gates V-Belts. The V-Belts run the mill at full speed. Do you know what would happen if I tried to grind in this mud with a flat belt? After I'd get that old, hard flat belt stretched out in the mud so I could put it on, I'd have to spend half an hour pouring sand on it so it would hold. And even then, I couldn't get it tight enough so it would do a job.

"Just the other morning, everything was covered with ice. It didn't take me 5 minutes to get set up and grinding with the V-Belts. And they stay on when it rains—but just let a few drops get on a flat belt and off it comes. With the Gates V-Belts I grind in half the time it took with a flat belt."

BECAUSE V-Belts run in grooves, they don't slip. That means your grinder gets full power and full speed—you can load it to full capacity and grind faster. And V-Belts can't come off—even in rain or snow—or in a high wind! You can grind when the weather won't let you do anything else!

Also, because V-Belts run in grooves, you don't have to be "fussy" about lining them up. This saves you a lot of time—especially when the ground is slippery.

Mr. Elmer E. Dirks Dodge City, Kansas, Says:

"Last winter I couldn't have ground with a flat belt with my hammermill set up out there to grind into the crib. It was so muddy and slippery that I couldn't have kept a flat belt tight enough to grind.

"When I did use a flat belt, it was always jumping off the pulley. I grind two loads of Kansas Orange Cane every week and even in good weather it took me about twice as long with a flat belt as it does with the Gates V-Belt Drive!"

Whether you use your tractor to run a hammermill, a feed grinder, an ensilage cutter, a pump, or any other farm machine—if you value your time or the time of your hired hands—you owe it to yourself to get the full facts about the Gates VULCO ROPE V-Belt Drive for running farm machines from TRACTORS.

TRD-501

Gates V-Belt Drives
To run Farm Machines from TRACTORS

To Get Full Facts MAIL this Coupon--TODAY!

The Gates Rubber Company
999 So. Broadway, Denver 17, Colorado

Without the slightest obligation on my part, I would like you to send me the full facts about the Gates VULCO ROPE V-Belt Drive for running Farm Machines from my tractor.

Name _____

Address or R.F.D. Route _____

Town _____ State _____

Make & Model, Tractor _____

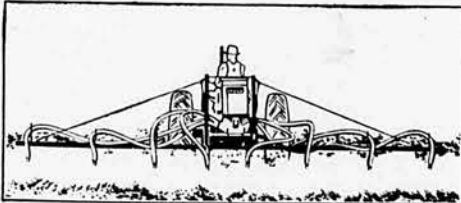
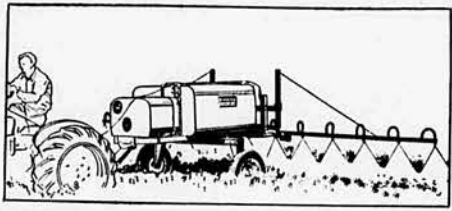
Make, Model, Grinder _____

Senator Capper on Radio

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

NEW! WITH UNMATCHED MONEY-MAKING FEATURES... Dobbins Power Sprayers and Dusters

Dobbins 250-gallon trailer sprayer with 13-nozzle spray boom.



Dobbins 8-row tractor-mounted crop duster.

Before you invest in a power sprayer or duster, see for yourself the crop-saving features of Dobbins units. With 47 new or improved power models, Dobbins offers you the most complete and versatile line of weed and pest control equipment available. Priced right, built to last, each multiple-purpose Dobbins unit will make money on any farm.

CHECK THESE REASONS WHY

In spraying equipment

- Brass feed line encased in protective steel boom
- Two-way hinged boom for safety, maneuverability
- Pump pistons of long-life stainless steel
- Pressures from 0 to 400 p.s.i.
- Oil-life crankshaft bearings on pumps
- Oil- and chemical-resistant synthetic hose

- Three-way shut-off valve for flexible operation
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Whether your control problems involve row crops, pasture lands, orchards, grain fields, vineyards, greenhouses, buildings, cattle, sheep, or poultry, you'll find equipment to do your jobs in the new 28-page Dobbins catalog. Write for your free copy TODAY.

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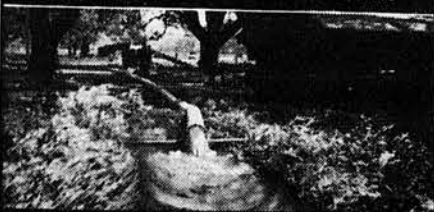
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SURFACE PIPE for Flooding



GATED PIPE for Furrowing

Put the right amount of water...

WHERE you want it
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with an **AMES**
PORTABLE EFFICIENT
IRRIGATION SYSTEM

Save time, water, work and money! Increase your profits! For full germination, sturdy growth, quality crops, maximum tonnage... install AMES lightweight irrigation equipment. Your choice... Galvanized or Aluminum. Widely used across the country. There's a low-cost AMES system to meet your requirements.

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W. R. AMES COMPANY, Dept. L, 150 Hooper Street, San Francisco 7, California
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How Wheat Is Doing

Snow, sleet and freezing rain over much of the state in late December gave a boost to Kansas wheat prospects. Before the moisture fell wheat over the state was considered in good condition, altho topsoil conditions were becoming dry. The December forecast made by Hubert L. Collins, federal-state agricultural statistician, indicated an average yield of 15 bushels for the state. Acreage is down about 15 per cent from last year. The forecast is for 207,105,000 bushels in 1950. That forecast will hold until April after wheat comes out of the dormant stage.

Deepest snow reported was at Clay Center. A fall of 9½ inches there produced about ½ inch of moisture, according to A. D. Robb, state climatologist. West of Manhattan precipitation was generally in the form of snow. East of there it was more sleet, and in the southeast corner of the state it changed to freezing rain. Only 4 inches of sleet in the Topeka area produced 1.27 inches of moisture. From 1 to 1½ inches of moisture were recorded from the freezing rain in southeastern counties.

Only a trace of snow was recorded in the northwestern part of the state, an area north and west of a line from Stanton county to Smith county. Topsoil there still is dry.

Subsoil moisture conditions are good, with the exception of an area just north of the central part of the state. Moisture will be particularly beneficial in that area which includes parts of Dickinson, Saline, Ellsworth, Lincoln and Russell counties. Moisture in this area ran from about 1/3 to nearly an inch from the recent storm.

Nearly Garden-Seed Time

By WILLIAM G. AMSTEIN, Kansas State College

SOON it will be time to buy our 1950 garden seed. This is one of the most important jobs. Yet I believe it is one of the most neglected points of the average Kansas garden program. Most farm gardeners as well as market gardeners have had enough disappointments in selecting seed to know the many problems that can be encountered. In addition to seed quality, good germination, freedom from disease as well as trueness to variety name are items to be considered.

Too many garden problems relate to our long-standing habit of taking whatever seed is offered, regardless of value. Seed firms vary greatly in their ability to provide our real needs. In some communities only high-germinating, good-quality seed of recommended or adapted varieties is stocked. In other areas seed is available on a price basis without regard to variety adaptations, quality or other useful items.

There is no one answer or measure as to what is a good seed house. I know of many hardware or general stores that handle only high-quality, disease-free seed of recommended varieties that possesses good germination. There also may be other seed sellers that do not handle any of the desirable items.

If possible learn the source of your seed. Just because it comes from a northern section or in bright-colored packages does not signify very much if anything as to its quality or adaptation. As gardeners you should learn to know where good seed comes from and who handles it. There are areas where the best seeds for certain crops are produced. Beans and peas from Idaho and California are good examples. Some seed houses buy a given variety from more than one source. Yet unless one has some desire to learn of these several sources little progress in obtaining improved seed will be made.

In most groups every seed stock has a stock or lot number. This code usually is marked on your package. If you save the empty packages after you plant the seeds, you will have a means of identifying them. Then if you want seed not only of the same variety but

of the same parentage and origin you will have the number or code to assist you in getting it. Also, if you are disappointed with the results you will have a means of identifying the seed to your dealer and he in turn can take it up with his grower and supplier. Recently, in talking with a representative of a nation-wide seed firm, I mentioned the trouble several of us had with certain beans last year. His first question was: "Do you have the lot number?" In other words, he could only trace the trouble down by this method since they had several contract growers supplying bean seed to them.

Surprising as it may seem, few seed firms grow a full line of crop seeds or varieties even tho they distribute them. Likewise, they often do not control the breeding stocks used. Yet some of these firms, by great care in selection of their growers or contractors, assemble the highest-quality seeds available anywhere.

Do not figure that you make a real saving by always buying seed on the basis of the low dollar price. Saving a few cents a package may not be any saving at all. By saving a small amount in seed cost you may cut your yield in half. However, just because you are asked a high price for seed do not expect it is guaranteed as what you want, either.

"Certified" as well as "approved" are terms often available in connection with seed. I expect in the future greater use of these terms will be made. Catalogs are one of the best sources of information on vegetable seeds. Certainly they will provide plenty of interesting reading this winter.

Most of us have come to depend upon one or two seed sources for the majority of our purchases. In many cases we have come to as good a choice as may be conveniently available to us. However, I still believe our failure to get seed of high germination, that is disease free, true to variety name and possessed of other needed values is often a primary cause for disappointment in our Kansas garden program. You can't be too careful about seed buying.

Get Census Questions Early

FARMERS will have a chance to answer most of the U. S. Census questions in advance under a new plan being tried this year. All R. F. D. box holders will get Federal census question sheets during the last 2 weeks of March.

Then, in April, all the enumerator will have to do is help the farmer finish his questionnaire and take the official population census at the same time.

There are about 100 questions for farmer attention and only a few will take books and records, it is claimed. Many of the spaces are answerable by "yes" and "no."

The Census of 1950 will employ 45,000 rural enumerators out of a total of 140,000 who will handle questions in

the special housing and regular population census.

Questions on the census sheet will relate to the person in charge, farm acreage, field crops, land uses, farm and off-farm experience, irrigation, forest products, pasture rentals, livestock numbers and sales of livestock and products, farm facilities and equipment, farm labor, farm operating expenditures, local farm conditions and land prices.

Handy Trowel

I find a worn-out plastering trowel handy for cleaning out hen's nests. It saves wear and tear on your hands.—Mrs. Elbert Luna.

The miracle of meat

ALL of us in the livestock-meat industry know that meat is appetizing, wholesome, satisfying. "It sticks to the ribs." People like it. But perhaps we don't all realize just what a miracle food meat really is. We know it's good—but do we know how good it is for people . . . how important to the health of individuals, to the health of the nation?

If you feed livestock or poultry you know the importance of protein in their ration. It's just as important in the human diet. Proteins are known as the *building blocks* of the body. They build and renew the living cells in muscles, tissue and blood.

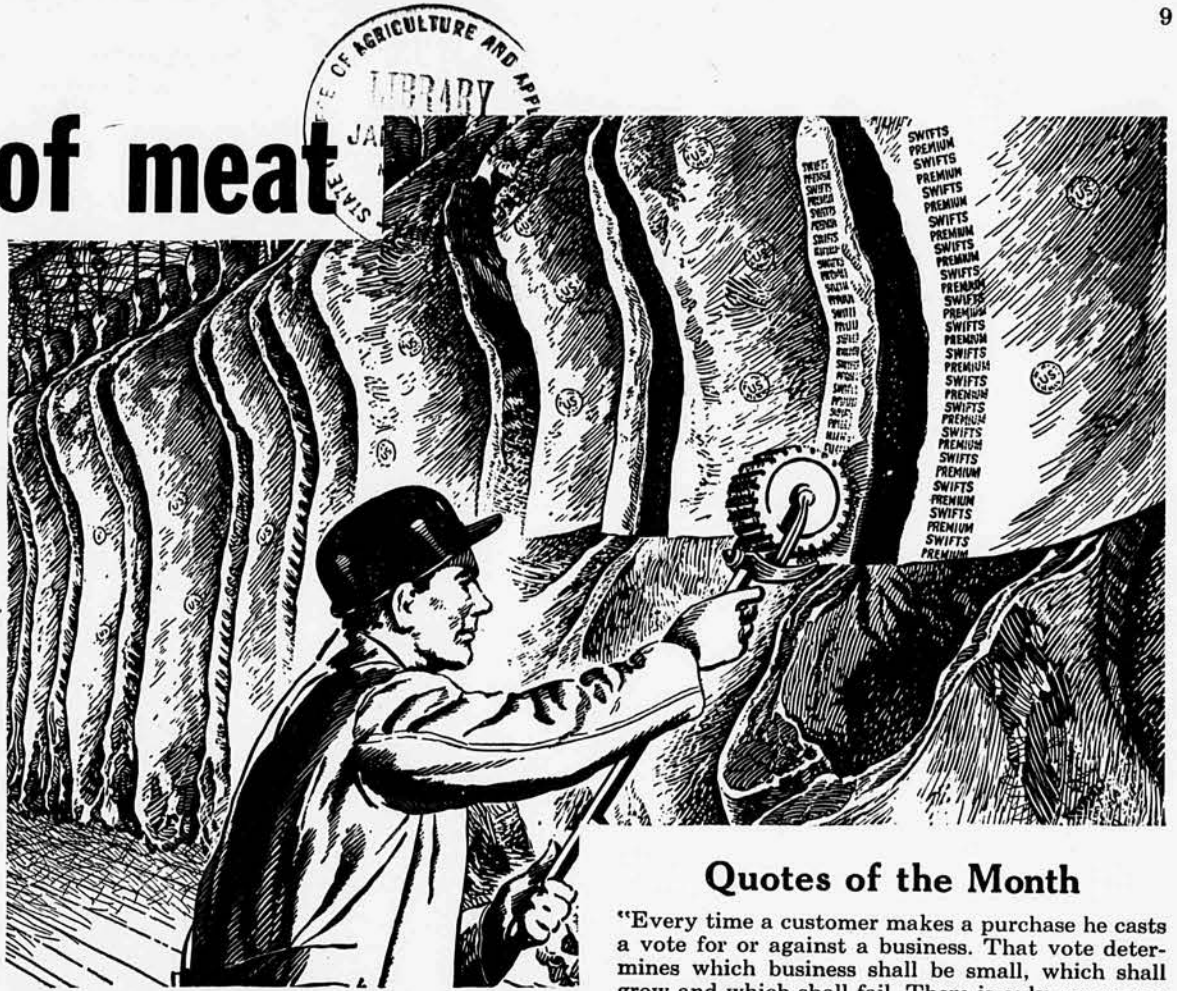
Meat supplies the essential protein in a form that our bodies can use most readily. The most valuable protein foods—meat and poultry, milk, eggs and fish—all contain what are known as amino acids. There are 23 different amino acids. Ten of them are absolutely essential to human health. All ten are found in meat. Important vitamins, too, like riboflavin, niacin, thiamin . . . and "APF" (animal protein factor), the newly discovered, very important vitamin B₁₂ that's found only in animal products.

Most of these new discoveries about the nutritional value of meat have been made in the past fifteen years. Credit goes to research scientists in the universities, in government service and in the privately financed laboratories of industry, such as Swift's Research Laboratories.

The more people we can tell the above facts, the better for all of us. First, the people who often eat meat and other protein foods regularly will be healthier. Next, with ample meat in their diet, they'll get more benefit from the cereals, fruits and vegetables and other foods they eat. And, of course, the more meat that's eaten, the better the demand for meat and the better the market for livestock.

Swift & Company has often said, "Nutrition is our business." It's yours, too! So when you talk with your friends and neighbors, tell them these facts about "meat, the miracle food." We will continue to tell them, too, by our advertising; and by passing along to them the findings of our Research Laboratories and Martha Logan Test Kitchens.

Every livestock producer and meat packer has a vital public interest and a private personal interest in promoting better nutrition in America. Let's work together in promoting it!



Quotes of the Month

"Every time a customer makes a purchase he casts a vote for or against a business. That vote determines which business shall be small, which shall grow and which shall fail. There is only one way a business can survive in America—that is by winning the votes that are cast daily by the American buyer."

Paul F. Clark, President, John Hancock Mutual Life Insurance Company

"You, a human being, cannot eat grass. But a cow or a sheep can, and they'll turn the grass into many things you can eat and wear. There you have the fundamental reason why this country should go on maintaining its herds of livestock at the highest possible level."

Chicago Daily Drovers Journal

"No more real service can be rendered than by improving agriculture."

George Washington

Where the Meat Goes...

It's a large country, this United States . . . with close to 150,000,000 people in it. They live on 5,859,169 farms and ranches, and in about 125,000 cities and towns. Most of these millions of people want meat. Last year they ate an average of 146 pounds of it apiece. That adds up to over twenty billion pounds—to be distributed all over the 2,977,128 square mile length-and-breadth of our country.



That's a man-size job. To handle it takes the services of over 4,000 meat packers (including Swift & Company) and 14,000 other commercial slaughterers of livestock in the United States. The average 1000-mile gap between where the livestock is produced and where the meat is eaten must be bridged. One end of our "bridge" reaches west of the Mississippi, where two-thirds of the meat animals are produced. The other end reaches the markets to the east, where two-thirds of the meat is consumed.

But that's only one of the jobs we do. Another important one is to match up the nationwide supply against the nationwide demand. From day to day the numbers and grades of animals marketed vary greatly (which accounts largely for the day-to-day ups and downs in livestock prices). Also from area to area the people's meat preferences vary greatly. In New York and Boston they want heavy beef cuts. Pork eaters in Los Angeles and Baltimore prefer the lighter, leaner cuts. And so it goes, all over the map. It's an important part of our job to see that the various grades of meat and kinds of cuts go where there is the highest preference and most demand for them. Thus Swift & Company renders a twofold service—both by bringing to consumers the kind of meat they want, and by bringing to producers the benefit of a nationwide demand.

F.M. Simpson.

Agricultural Research Dept.

Soda Bill Sez . . .

About the only opinion a man won't change is the good opinion he has of himself.



In life's battle of brains, it is tough to be unarmed. You will never be broke as long as your earnings keep ahead of your yearnings.

Farming as a Business

H. B. Howell, Ext. Farm Management Specialist Iowa State College, Ames, Iowa

Good farm planning anticipates changes. It includes not only decision on how to use available resources—your land, labor, and capital to produce an income—but also how to use the income after it is produced.



H. B. Howell

Studies of records kept on 51 Iowa farms (160 acres each) in 1948 reveal some fundamentals of successful farming:

1) Production or volume of business is of first importance. The high 17 farms averaged \$14,000 production per man; the low 17 farms only \$7,800.

2) The top farms used a combination of all resources—not just some of them—to get the greatest return. They fed enough grain to make efficient use of roughages; kept enough land in sod to maintain fertility; raised enough livestock and crops to keep man power fully employed; had enough machinery to do the work efficiently.

3) Good practices paid dividends. The best 17 farms produced \$177 worth of livestock for each \$100 worth of feed fed, while the comparable return was only \$117 on the low 17 farms. Top farms averaged 87 bu. of corn per acre; low farms only 67 bu. Good practices can easily increase crop yields and feed returns by 20 per cent.

4) Farm records, such as used in this study, help measure results; show up weak spots and make a sound basis for planning ahead. Your state extension service can help you set up the proper kind of records for your farm or ranch.

Swift & Company

UNION STOCK YARDS, CHICAGO 9, ILLINOIS

Nutrition is our business—and yours

OUR CITY COUSIN



"Gee, Country Cousin, 'tain't no joke . . . Old Nell's afire. She's breathing smoke!"

Martha Logan's Recipe for PORK AND NOODLES

(Yield: 5 servings)

1 pound ground pork 4-oz. package noodles
1 egg 2 quarts boiling water
Seasoning 1/2 cup diced green pepper
Flour 1 cup diced cooked rutabaga
2 tablespoons shortening

Combine pork, egg, and seasoning. Form into 1-inch balls. Roll in flour. Brown in hot fat. Boil noodles in salted water 10 minutes. Drain. Combine noodles, green pepper, and rutabaga. Place in greased 2-quart casserole. Place pork balls on top. Bake in a moderate oven (350° F.) about 40 minutes or until pork is well done.

Allis-Chalmers
WD
 demonstrates
 new
 earth-gripping
 traction



RELAX! let WD engine power do it
POWER-ADJUSTED WHEEL SPACING—uses power of the engine to change rear wheel width.

Seventeen new features include new hydraulic Traction Booster, Touch Hydraulic System, Two-Clutch Power Control, hydraulic comfort seat, light-pressure foot brakes, low pitch muffler.

WIDE-ADJUSTABLE front axle, dual or single front wheels available.

More than any development since Allis-Chalmers introduced the first tractor with rubber tires in 1932, the hydraulic Traction Booster increases the usefulness and pulling power of the farm tractor.

Its 4-cylinder hydraulic pump mechanism automatically shifts weight to the rear wheels as the load increases. The WD's quick-mounted plow, with two full 16-inch bottoms at your control, bites deep and stays deep. Mounted listers are also operated by the WD hydraulic Traction Booster system.

The WD actually gives new meaning to the word "tractor." Not only does it pull . . . the WD boosts traction when you need it. Adjusts its own rear wheel spacing with engine power. Lifts and lowers implements. Operates power take-off and belt-driven machines . . . and through its new two-clutch system, controls the power take-off driven machines independent of forward travel.

Here is down-to-earth power for your family farm. *It's years ahead. It's priced sensibly. It's Allis-Chalmers!*

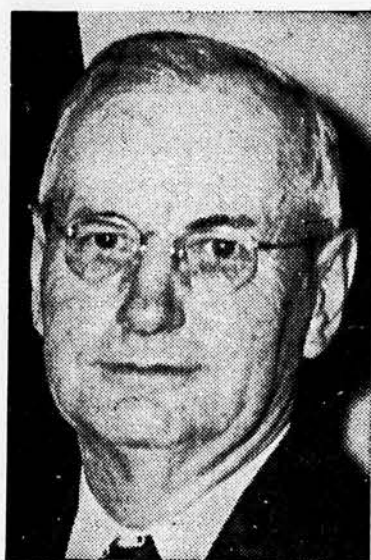
ALLIS-CHALMERS
 TRACTOR DIVISION • MILWAUKEE 1, U. S. A.

Board of Agriculture Meets January 11 to 13, in Topeka

By GENE SPRATT



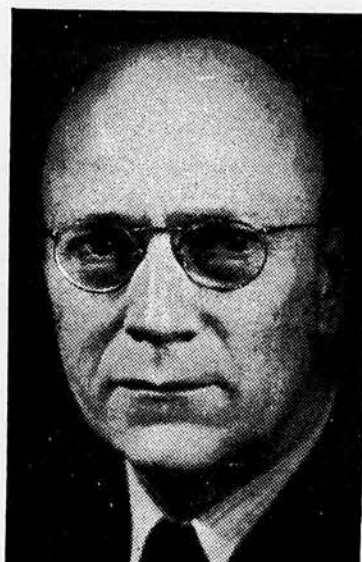
Herbert H. Smith



Perry H. Lambert



Prof. D. A. Wilbur



Dr. O. B. Jesness

FARM problems, from insects to proper utilization of water, will highlight the 79th annual meeting of the Kansas State Board of Agriculture, January 11 to 13, in Topeka.

Topping all farm gatherings in the state in size and interest has become a tradition of the Board's annual meeting. Speakers and general program features of the 1950 convention hold promise that the 79th get-together will continue this tradition.

Additional interest has been created in this annual meeting, because at that time J. C. Mohler will retire as secretary of the Board of Agriculture and turn his strenuous duties over to a younger leader.

Opening day of this 3-day affair will be concerned with registration for voting delegates, and a general organization meeting to appoint necessary committees and consider business matters necessary for completion of the Board of Agriculture activities during the convention.

Supervising activities for Wednesday and thruout the convention will be Herbert H. Smith, 1949 president of the Kansas State Board of Agriculture. President Smith is a farmer from Smith county who has served several years on the Board of Agriculture. (Editor's note: Those interested in reading about all Kansas State Board of Agriculture members may refer, please, to the December 3 issue of Kansas Farmer.)

Listen In . . .

WIBW radio station, Topeka, will broadcast—by tape recording—many of the speeches made at the 79th annual meeting of the Kansas State Board of Agriculture, January 11 to 13. Listen to WIBW announcements for exact time of this important feature.

The social spotlight is focused on Wednesday night when the annual Get-Acquainted dinner is held for delegates and others attending the convention. On hand for the dinner meeting will be Governor Frank Carlson to extend official welcome to delegates and farmers. As a tribute to the 57 years of public service to the farming industry of Kansas, Perry H. Lambert will honor J. C. Mohler, retiring secretary of the Board. Mr. Lambert has the longest record of service as a Board member and has been one of its greatest leaders, making him particularly well suited for his role as spokesman for the people of Kansas.

Featured speaker for the evening will be W. M. Ostenberg, superintendent of public schools at Coffeyville. His address, "Fools in Paradise," promises to be interesting as well as informative.

When President Smith calls the meeting to order on Thursday, January 12, the business phase of the convention will be officially started. First speaker at that time will be Prof. J. B. Fitch, whose subject is, "A Dairyman Talks About the Future." While serving as chief of the dairy division at the University of Minnesota he has been an outstanding leader in dairy circles thruout the United States for many years. With dairying facing rapid economic changes it is highly important that farmers plan carefully in outlining future dairy programs. Those who are interested in dairying should benefit from the material presented by Professor Fitch. It may help them with their future dairy farm policies.

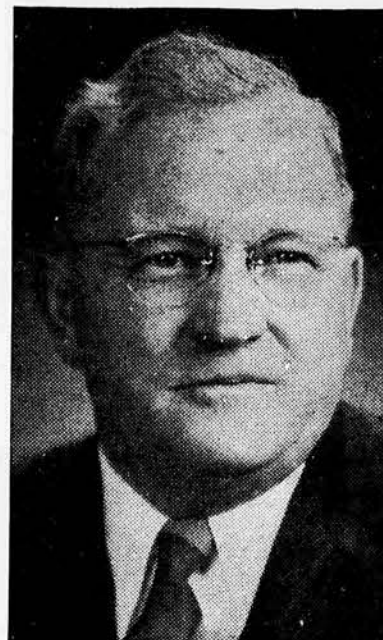
Another Minnesota speaker will discuss, "What We Want from a Farm Program," immediately following Professor Fitch's talk. Dr. O. B. Jesness, chief of the division of agricultural economics at the University of Minnesota, will review general agricultural economics. This part of the program should be highly interesting, for in addition to being an educator in agricultural economics, Mr. Jesness is now serving the USDA as a member of the

Advisory Committee on Foreign Trade, and has been an outstanding world leader in agricultural policies.

Thursday afternoon might well be termed Governor's Day. As a part of the program Governor Frank Carlson will introduce Governor Val Peterson, of Nebraska, who will present his address, "The Missouri River Basin Development Plan."

Water and the Missouri River basin has been one of the most talked-about subjects in farm meetings and general gatherings for several years. Governor Peterson will summarize much of the work that has been done and tell of factors involved in work of this type.

Safety and safety work will be featured on the final talk Thursday afternoon when Dr. Ned Dearborn, president of the National Safety Council, tells about "Safety in Six Easy Lessons." Little needs to be said about Doctor Dearborn and his qualifications,



Charles Figy

ing about "Insect Damage in Stored Grain." This topic is not only timely, but Mr. Smith is well qualified to undertake such a subject thru his experience and leadership in the Wheat Improvement Association.

A specific insect, the European corn borer, will be the topic presented by Prof. D. A. Wilbur, of the entomology department at Kansas State College. Professor Wilbur has been one of the leaders in research on this pest that is taking an increasingly heavy toll from Kansas farmers each year. As an entomologist and practical man, Professor Wilbur should bring out much profitable information.

Brucellosis, or Bang's disease, has long been a problem for stockmen thruout the nation. Michigan has one of the best records for state-wide control of this costly disease and Charles Figy, director of agriculture for Michigan, will tell about "Michigan's Bang's Program and the Use of Brucella M Vaccine." This strain M vaccine has created considerable comment among cattlemen in Kansas, and those attending the meeting will learn firsthand of the results Michigan has had in its usage.

Friday afternoon will find the convention delegates voting on resolutions as well as electing 4 new board members. Upon adjournment of the convention the new Board will meet at the office of the secretary to elect its officers and take up other business matters of importance.

Dr. Ned Dearborn

since he has been an outstanding leader and is recognized as one of the best authorities on safety in the United States.

As an added feature on this part of the program Doctor Dearborn will present a special "Award of Merit" to former Senator Arthur Capper and to Secretary J. C. Mohler for their individual leadership and untiring efforts in the interest of greater farm safety thru the years.

Final day of the convention will find Jess B. Smith, president of the Kansas Wheat Improvement Association, tell-

To Receive National Honors



J. C. Mohler



Senator Arthur Capper

BOTH Senator Arthur Capper and Secretary J. C. Mohler, of the Board of Agriculture, will receive the "National Safety Council's Award of Merit for Distinguished Service to Farm Safety" on Thursday, January 12, 1950, during the annual Board of Agriculture 3-day meeting in Topeka. This award is quite unusual, because the council does not make a presentation of this kind unless it is for exceptional service. Only 2 of these awards have been made to date for farm safety service. One went to Dr. H. H. Young, of the Mayo Clinic, Rochester, Minn., and another to T. A. Erickson, General Mills, Inc., Minneapolis, Minn.

Many states have adopted Mr. Mohler's farm safety ideas. Senator Capper, personally and thru his publications, has been a farm safety crusader many years. Individual farm safety champions in Kansas each year receive gold watches from him thru KANSAS FARMER as a token of his keen interest in their work.

New Flavors, New Looks

Give a Meal Appeal

By Florence McKinney

HAVE you given thought to the difference a flick of a spice box or a bit of chopped onion can make in the personality of a vegetable? Or what an added ingredient will do to a custard? It's the new flavor and the new look that appeals to family and guests. It's the thing that makes a good cook's reputation spread around the neighborhood.

Butter alone is flattering to all vegetables, but combined with something a bit unusual you can have a new flavor and a new look. Some good combinations include green beans with a nippy horseradish butter, a few drops of lemon juice to buttered peas, a sprinkling of grated cheese over shredded cooked cabbage.

Butter-Spiced Squash

3 acorn squash	4 teaspoons cinnamon
2 teaspoons salt	1 teaspoon nutmeg
½ cup butter	½ cup chopped nuts

Wash and cut the squash in halves, crosswise. Season with salt. Combine spices, chopped nuts and melted butter. Spoon a little of butter mixture into each squash half. Place in a covered baking dish with the bottom of the pan covered with a little hot water. Bake in a moderately hot oven (400° F.) for one hour, removing the cover for last half hour of baking time. Serve with extra spice-butter mixture. Serves 6.

Pumpkin-Maple Custard

3 eggs, slightly beaten	½ teaspoon cinnamon
¾ cup cooked or canned pumpkin	¼ teaspoon nutmeg
½ cup maple sirup	2 cups milk, scalded
2 tablespoons brown sugar	1 teaspoon vanilla
	1 3-ounce package cream cheese
½ teaspoon salt	milk pecans

Beat eggs slightly. Combine eggs, pumpkin, maple sirup, brown sugar, salt and spices and

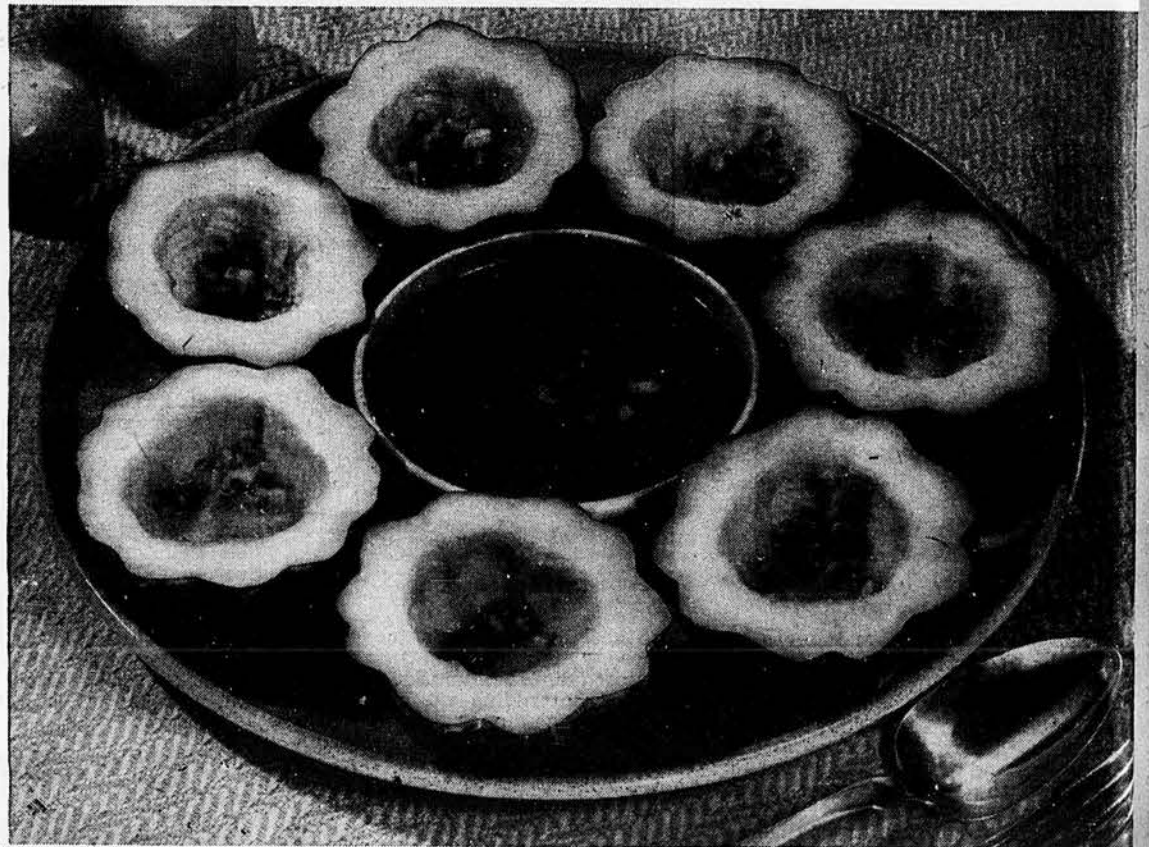
stir. Stir in scalded milk and vanilla, mixing thoroly. Turn mixture into 6 buttered custard cups. Place in shallow baking pan containing warm water. Bake in moderate oven (325° F.) for 45 to 50 minutes, or until a silver knife inserted comes out clean. Garnish with pecan halves and serve with a topping of cream cheese which has been softened until light and fluffy with milk. Serves 6.

This custard may be baked in an unbaked pie shell. For variation additional chopped nuts may be combined with the mixture before baking.

Honey-Coconut Pie

3 egg yolks, slightly beaten	1½ tablespoons grated lemon rind
1 cup water	3 egg whites
½ cup honey	dash of salt
1 package of lemon gelatin	1 cup shredded coconut, toasted
3 tablespoons lemon juice	1 baked 9-inch pie shell

Combine egg yolks, water and ¼ cup of the honey in top of double boiler. Stir and cook over boiling water [Continued on Page 13]



Above: Butter and spice will give acorn squash that special peeling flavor.



At Left: It's about like pumpkin pie but flavored with maple sirup for the different flavor.

for 5 minutes or until thickened, stirring constantly. Remove from heat. Add gelatin and stir until dissolved. Add lemon juice and grated rind. Chill until slightly thickened.

Combine egg whites, salt and remaining honey and beat with rotary egg beater until mixture will stand in stiff peaks. Fold in gelatin mixture. Add 1/2 cup of toasted coconut. Turn into cold pie shell. Sprinkle with remaining coconut. Chill until firm. To toast coconut, spread out in pan and brown slightly in moderate oven 350°.

Peanut Butter Cookies

1/2 cup peanut butter 1 cup raisins
1/4 cup butter 1 cup flour
1/2 cup sugar 2 teaspoons baking powder
2 eggs 1/4 cup milk

Cream peanut butter and butter together, add sugar and cream well. Add eggs one at a time, beating thoroughly after each addition. Add raisins. Sift flour and baking powder together and add alternately with the milk. Drop by teaspoonfuls onto a lightly greased cookie sheet. Bake in a moderate oven (350° F.) for 15 to 18 minutes.

Dates or figs may be substituted for

the raisins or combined to make one cup.

Dutch Apple Cake

Dutch apple cake has a long and honorable history. It may be used as a sweet hot bread for breakfast or supper or as a simple dessert. It is less expensive than standard cake because it uses less fat and sugar.

1 1/2 cups sifted flour 1/2 cup milk
1/4 cup sugar 3 medium apples
2 teaspoons baking powder 1/2 teaspoon cinnamon
1/4 teaspoon salt 2 tablespoons butter
1/2 cup fat
1 egg, beaten
2 tablespoons mild sirup

Sift together flour, 3 tablespoons of the sugar, baking powder and salt. Cut in the 1/2 cup of fat. Combine egg and milk. Add to dry mixture. Mix to a soft dough. Spread dough in a shallow greased pan. Pare, core and slice apples. Place on dough in rows of overlapping slices. Mix remaining sugar with cinnamon. Sprinkle over apples. Dot with butter. Bake in moderate oven (375° F.) for 40 to 45 minutes. Remove from oven and pour sirup over apple topping.

4-H Hawaiians Pose in Chicago



Left to right: Mary Hirabayashi, home demonstration agent; Haruo Honma and Jane Kamisato, 4-H Club delegates to the National Congress at Chicago flew to the United States to attend events for state and national winners.

❖ The Poet's Corner ❖

I Am Undone

I spoke on child psychology,
Those mothers understood
That if they would apply my rules
Their children would be good.

Then after meeting was adjourned
We held our social hop
One mother's children misbehaved
And simply wouldn't stop!

Her children wouldn't mind at all
They were a pain to see
And it was so surprising for
Those "brats" belonged...to me!

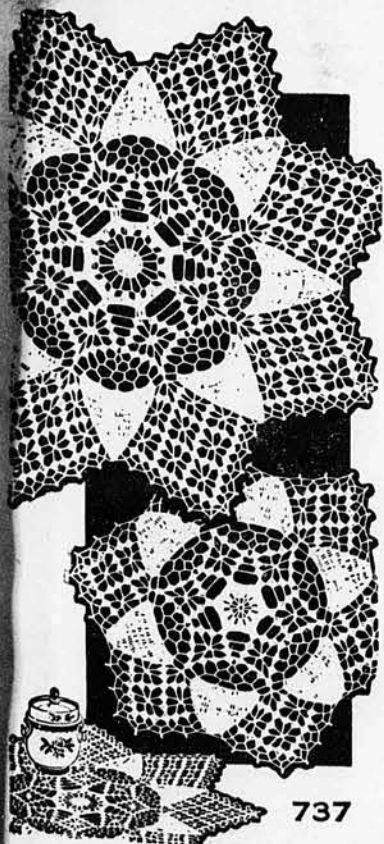
—By May Smith.

Not Historical Material

Tho it's nice reading letters
That mom wrote to pop,
Don't snoop in my drawers
When my heart-beats stop.

—By Mary Alice Holden.

Newest Favorite



737

Texture contrast and the spider-web design are the fashion. This doily has both. Either fine or heavy crochet cotton. You can match a lunch set to your buffet and table doilies with pattern 737.

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

I Love Life

I don't object to listening
To a singing amateur
But I do object to riding
With an amateur chauffeur.

—By Camilla Walch Wilson.

My Neighbor

I saw her coming down across the meadow;
She stooped to slip beneath the pasture gate,
Then paused a bit to watch the wild birds flying
Or pick some lovely flower of spring-time late.

She saw and waved to me when at a distance,
Treading the path with free and joyous air;
Coming at length up to my sunny doorstep
To sit, and rest, and visit with me there.
We talked of weather, garden, chicks, the planting;
Of work and plans—our neighbor who was ill,
And walked along the garden paths and flower beds
Exchanging plants our garden plots to fill.

There was no hint of gossip in her converse,
No trace of scorn or malice lurking there;
But ever a lilt of laughter in her accent,
Provoking smiles that lift a load of care.
And somehow when she went my heart was lighter,
The day no longer seemed so drab and bare;
Her joy a cloud in leaden sky had lifted,
And lo! the glorious sun was shining there.

—By Anna K. Leonard.

Kansas Day Program

To fill requests of other years by many of our readers, we have prepared a 4-page leaflet called, "Kansas Day Program." It includes many little-known facts about Kansas, some games to play which bring out facts about our state. Some table decorations are suggested. Also included are some early-day poems by Kansas pioneers and others, as well as a brief history of the Kansas song, "Home on the Range." All verses of this song are given, part of them little known.

To obtain this leaflet send 5 cents to the Farm Service Editor, Kansas Farmer, Topeka. Ask for the "Kansas Day Program," and be ready for Kansas Day, January 29.

Martha's Luster Pitcher

Some say she brought it all the way
From her Virginia home,
And brought the finest linens too
And a lovely black jet comb.

A linen cloth I know she had
'Twas woven all by hand,
With animals around the edge
In a firm wide band.

The pitcher set upon the shelf
In her little cabin room,
With luster gleam of gold and bronze
It helped to banish gloom.

Now whether it is true or not
There are some who claim,
She never used it at all,
Save when the preacher came.

—By Mary Holman Grimes.

February Entertainment

We have the following leaflets for our readers, suitable for February parties.

Mr. Ground Hog's February Party. Requires 5 characters and simple stage setting.

A Hearty Party for Valentine's Day. This includes plans for a party, games, decorations and refreshments.

That February Party. Ideas for clever games, a heroes' march and a general February party.

Order one or all and write to the Entertainment Editor, Kansas Farmer, Topeka. Price 3 cents each.

I USE RED STAR DRY YEAST
IN ALL MY BAKING RECIPES

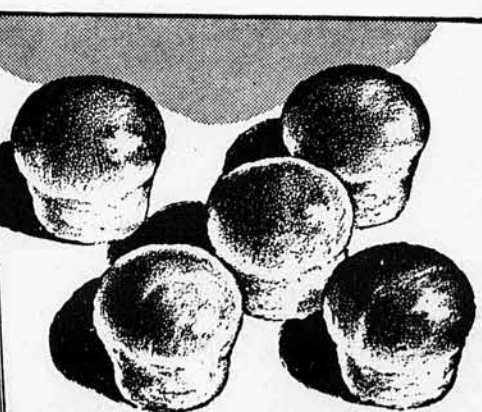
RED STAR
DISSOLVES
FASTER...IT'S
SPECIAL
ACTIVE

30 MINUTE ROLLS

2 packages Red Star
Special Active Dry Yeast
1 1/2 cups warm water (105°
to 110° F.)
1/2 cup sugar
1 1/2 teaspoons salt

1 egg
3 cups sifted all purpose
flour
2 tablespoons shortening,
melted and cooled to
lukewarm

Step 1: Dissolve yeast in warm water (105° to 110° F.) in large mixing bowl. Step 2: Add sugar, salt, and unbeaten egg. Add flour gradually. Beat well with electric mixer on low or medium speed, or by hand with large wooden spoon. Add shortening, beating until thoroughly mixed. Step 3: Spoon dough into well-greased muffin pans, filling about one-third full. Step 4: Let rise in warm place (90° to 95° F.) until dough has risen level with top of muffin pans (about 25 to 30 minutes). Step 5: Bake in moderately hot oven (375° to 400° F.) 20 min. Step 6: Remove from pans and serve warm. Yields 18 to 24 rolls.



Try this new way to faster, easier baking. Red Star Dry Yeast keeps fresh for months—right on the pantry shelf. It's always ready when you need it

Art Auction Brings \$6,000

All to Be Used to Help Crippled Children



HIGH BIDDER: Senator Arthur Capper and Raymond H. Gilkeson, editor of *Kansas Farmer*, take a look at "A Kansas Yearling," bought by Senator Capper and painted by Albert T. Reid for the benefit of the Capper Crippled Children Foundation.

THE art auction for crippled children brought \$6,000 for their treatment. It was held in Topeka, December 19, sponsored by The Capper Foundation and the Topeka Woman's Club. There's been nothing like it in the Midwest. Topeka was a-buzz with excitement as several thousand people streamed thru the exhibit the day before the auction. The generous Christmas spirit in the hearts of all for little crippled folks came forth in bids as high as \$320.

Folks just like to look at pictures and there is no predicting what your friends will choose. Some like water colors, others oils, some want an animal picture. Realistic landscapes perhaps are the favorites, and maybe they are popular because they're easy to live with. That's the layman's point of view . . . not the artist's.

Two-hundred and forty pictures were donated by almost that many generous American artists, who responded to an invitation from J. M. Parks, of the Capper Crippled Children Foundation. They were hung in the Topeka municipal auditorium for all to see; artists and would-be artists viewed them with discerning eyes, prospective buyers with the plan in mind to make a contribution to a good cause and get a picture in the bargain.

Seven auctioneers contributed their time to selling. Pictures were taken

from their hangings, placed on the easel under the spotlight and bidding began. First picture offered was "A Kansas Yearling," painted by Albert T. Reid, a now-famous, Kansas-born artist residing in New York City. Mr. Reid was the instigator of the entire project, suggesting the idea to former Senator Capper. Just as it should be, the highest bidder was Senator Capper.

A large oil painting, "Flint Hills Farm," by Clayton Henri Staples, director of art at Wichita University, brought the largest sum, \$320. Average price for all those sold the night of the public auction amounted to \$36. It was physically impossible to sell 240 pictures in a 3-hour evening and time ran out, leaving about 100 pictures still to be sold.

Since the sale, a good many pictures have been sold privately to the highest bidders. Mr. Parks is still selling to those who send bids by mail and to those who want a small private showing. Bids arrived by mail from people long interested in doing their bit to support the Capper Foundation for Crippled Children. Their bids are still good. Very few pictures sold for less than \$10, due to some spirited teamwork in the audience.

Mr. Parks, of the Foundation, is grateful to all those who contributed in any way, either by sending a picture or buying a picture.

Books On Review

City of the Bees

Frank S. Stuart, a Scotsman now living in England, worked 7 years as a beekeeper. He knows bees as he discloses in his new book, "City of the Bees." This book will appeal to all nature lovers, to all admirers of an exciting narrative told with real beauty.

Bees live in a society older than mankind. Mr. Stuart tells about a colony of wild bees during one complete year. It is the story of birth and death, tragedy and joy, victory and defeat, prodigious labor and enjoyment even greater than that of mankind.

It gives many facts hazy to the average reader about the queen, the workers, the drones, the birth of baby bees, their life span, their friends and enemies. A badger attacks the home of the bees, they acquired a disease.

Inside the covers of this book is the complete history of bee life from birth to death, told in an exciting, readable style. It is published by Whittlesey House, of the McGraw-Hill Book Company, New York City. Price \$3.

Jesse James Was My Neighbor

Homer Croy, former Missourian and now well-known writer, traveled over much of the Midwest and the South to get the facts for this new book. He visited with old-timers who had known the James Boys. He wanted to correct all the myths and errors and found that the truth about Jesse was more startling than the myths.

He peered into old scrapbooks, talked with an aged Negro woman who had been the house servant of Frank James.

In his humorous style Mr. Croy tells the story day by day . . . of the Civil War background which caused hatred between the free and slave adherents in Missouri, the boyhood of both the boys and their exploits in bank and train robbing and of their final end.

Jesse James Was My Neighbor is of interest to all those who still recall tales about the James Boys. It is published by Duell, Sloan and Pearce, New York City. Cost \$3.50.

The Earth Is Ours

Marion Pederson Teal, author of this book about an Illinois farm, is the wife of Ray Teal, who tells how they took over the run-down, eroded acres and the drafty dreary house, how they struggled against rats, the usual weather handicaps and "doubting" neighbors, who suspected them of "university ways."

Marion who had never been within 100 feet of a cow rushed to a library

with excitement to learn about farm life, when she learned they were to leave their New York City apartment home for life on the Illinois farm.

Whether your farm is 2,000 acres or a kitchen garden, you will be interested in reading this book. It's refreshingly different, filled with drama and a homely warmth of Christmas Eve at the country schoolhouse and the farm sales. It is published by Thomas Y. Crowell Company, N. Y. Price \$2.75.

Washington By-line

This is the intimate, personal, behind-the-scenes account of a famous newspaper woman's 20 busy years in Washington. The author, Bess Furman, was Nebraska born and bred, worked on Omaha newspapers, but moved on up to Washington with the Associated Press. During the war she was with the OWI, and since 1945 on the New York Times.

She went to Washington in 1928 when Herbert Hoover was president, she hobnobbed with first ladies, with cabinet wives, senator's wives and women bureaucrats. She gives the reader an account of what went on in Washington from 1928 up thru 1948. She writes about the people who make Washington, the Hoovers, Eleanor and Franklin D. Roosevelt, the Garners, Dolly Gann and Alice Longworth, Frances Perkins, Ruth Bryan Rohde, Evalyn Walsh McLean, and the Trumans.

She tells of her experiences with presidential campaigners and their womenfolk, how she had to buy low-heeled shoes to keep up with Eleanor Roosevelt, her experiences with government in the war. She's a delightful writer. It's a history of our country from 1928 to 1948, 20 years of a rapidly moving scene.

Washington By-line is published by Alfred A. Knopf, Inc., New York City. Price \$3.50.

St. Patrick's Day Fun

If your school or club or Sunday school class is thinking about a St. Patrick's Day party or entertainment, write for the following leaflets:

Peggy's St. Patrick's Day Party. Requires 8 characters. Is short and little stage setting needed.

A Bit of Irish Fun. Includes decorations, games and refreshments suitable for a St. Patrick's party.

Send your order to the Entertainment Editor, *Kansas Farmer*, Topeka. Price 3 cents each.

Kansas Delegation Attended 4-H Club Congress



STATE and national winners of various 4-H Club projects in Kansas pose for their picture while attending the National 4-H Club Congress held in Chicago from November 27 to December 2. Front row left to right: J. Harold Johnson, State Club Leader; Carol Jean Blackhall, Hans Bachler, Swiss exchange student who has been working on Kansas farms; Frances Calderwood, Eldon Mosler, Janice Murphy, Carl Dahl, Ellen Banman, George Walker, JoAnn Hunt, Mary Elsie Border, assistant state club leader.

Second row: Norma Karhoff, Faith Boone, Ronald Wedel, Nancy West, Kenneth McBurney, Everett Hoobler, Joan Engle, Allen Heath, Joyce Lauer, Kenneth Muller, Beth See, Pearl Swart. Third row: Junior Zahradnik, Mildred Flottman, Duane Traylor, Jean Morey, Harold Biegert, Lewis Murphey, Blanche Brooks, HDA; Beverly Kindler, John Hanna, assistant state club leader. Fourth row: W. G. Amstein, specialist KSC Extension service; Max LaRosh, Floyd Bacon. Not in picture, Lynn Apperson and Henry Tharp.

Sew To Save

9296
SIZES
2-8



9363
SIZES
10-16

9363—Three-in-one. Three-quarter sleeved blouse takes one yard of 54-inch material. Ribbon-trimmed blouse, one yard of 39-inch material; scalloped blouse, one yard of 35-inch. Sizes 10 to 16.

9296—Becoming little dress and easy to make. Sizes 2 to 8. Size 6 takes 1 1/4 yards; 3/4 yard contrast of 35-inch material. Panty pattern, too.

4609—A smooth-fitting skirt. Just one yard of 54-inch material. Waist sizes 24, 25, 26, 28 inches.

One yard
of 54"



4609
WAIST
24-28

4922—Slimming 3-way combination. Make a built-up skirt or regular skirt plus a matching jacket. Sizes 34 to 50. Size 36 jacket and built-up skirt requires 5 1/4 yards of 39-inch material.

4653—Well-cut, well-tailored shirt-frock. Sizes 12 to 20; 30 to 42. Size 16 requires 4 1/2 yards of 35-inch material.

9222—Just 3 main pattern pieces to this striking dress. Sizes 12 to 20 and size 40. Size 16 requires 4 1/2 yards of 39-inch material.



4922
SIZES
34-50



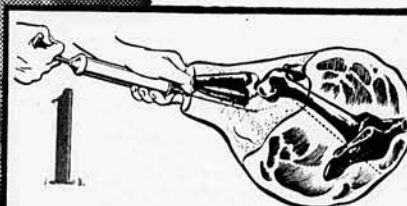
9222
SIZES
12-20
40



4653
SIZES
12-20
30-42

Send 25 cents for each pattern to the Fashion Editor, Kansas Farmer, Topeka.

It's so *Easy* to cure your meat **THE MORTON WAY**



1
START THE CURE AT THE BONE. Dissolve Morton's Tender-Quick in water and pump along the bone area. This rich curing pickle works fast — starts curing INSIDE.



2
RUB WITH MORTON'S SUGAR CURE. This special blend of salt, sugar, spices and other meat-curing ingredients strikes in, curing toward the center.

Why Morton-Cured Hams, Shoulders and Bacon Taste Better, Keep Longer

Morton's famous cure is *fast* — *positive*. That's why Morton cured hams have such a uniform, sweet-as-a-nut flavor from rind to bone. That's why they keep *longer*. You can also enjoy delicious bacon, Canadian bacon and other specialties cured the Morton Way. And for fine-flavored sausage, there's nothing like Morton's Sausage Seasoning. It's easy to use — every Morton product is *ready-mixed, ready to use*. Try the easy Morton Way — the sure way to good eating!



MEAT CURING BOOK 10¢
More than 200 pictures. Complete directions for butchering, curing. Send only 10¢ to Morton Salt Co., Box 781, Chicago 90, Illinois.



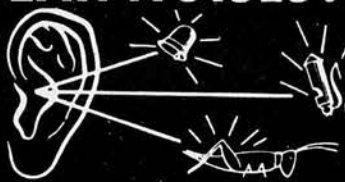
Write for this Valuable **FREE** Folder



Shows New, Easy Way to Cure Boneless Hams and Shoulders

Now you can cure *boneless* hams and shoulders at home! Ready to eat in 12 to 14 days. So easy to slice. Mild delicious flavor. Free folder gives easy step-by-step directions. Write for your copy today! Address — Morton Salt Co., Box 781, Chicago 90, Ill.

EAR NOISES?



If you suffer from those miserable ear noises and are Hard of Hearing due to catarrh of the head, write us NOW for proof of the good results many people have reported after using our simple home treatment. NOTHING TO WEAR. Many past 70 report ear noises relieved and hearing improved. **Send NOW for proof and 30 days trial offer.**

THE ELMO COMPANY
Dept. 407 Davenport, Iowa

Save Money On This Home Mixed Cough Syrup

Big 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 with 2 cups of granulated sugar and one cup of water. No cooking needed. (Or you can use corn syrup or liquid honey, instead of sugar syrup.) Then put 2½ ounces of Pinex (obtained from any druggist) in a pint bottle, and fill up with your syrup. This makes a full pint of medicine that will please you by its quick action. It never spoils, and tastes fine—children love it.

This simple mixture takes right hold of a cough. 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 quick action in coughs and bronchial irritations. Money refunded if it doesn't please you in every way.

FOR EXTRA CONVENIENCE GET NEW READY-MIXED, READY-TO-USE PINEX!

Burpee
HYBRID
Tomato

SEEDS FREE

Bear Up to Double Ordinary Kinds

Hybrid vigor makes the plants grow faster, bear earlier and for a longer season. Better quality too!

Smooth, Round, Scarlet-Red and Delicious
Thick-meat heavy fruits (½ lb. or more each), outstanding in quality and rich flavor, wonderful for salads, canning and every family use—profitable to grow for market. Excels on stakes or grown naturally. Offer good for limited time only—send stamp for postage and we'll mail you 10 seeds FREE. Or, to have more plants: 30 seeds 35¢; 100 seeds \$1.

Also Free Burpee Seed Catalog
W. ATLEE BURPEE CO.
664 Burpee Building
Clinton, Iowa

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with a "NAM-ON" Kit

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Paint your own name on the mail box, milk cans, egg cases, delivery boxes, lunch box, machinery, gun case, golf bag—dozens of uses.

Make practical gifts. \$2.50 value for only \$1.89 plus 11¢ tax and handling. Kit comes complete with full instructions and your choice of red, black or green paint.

Send check or money order today together with your printed or typewritten name. We will send your Nam-On Kit with full instructions. Be sure to specify color paint.

NAM-ON COMPANY
P. O. Box 799 Topeka, Kansas

Burpee GIANT
Ruffled
Fluffy PETUNIAS

25¢ PKT. 10¢

Gloriously ruffled, fringed, up to 6 in. across!

Scarlet, copper, rose, pink, mauve, and white.

SPECIAL, 25¢ Pkt. seeds, all colors mixed, postpaid for 10¢. Send Dime Today!

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W. ATLEE BURPEE CO.
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Reliable Advertisers Only Are Accepted in Kansas Farmer

Lest We Forget 1949

Here are a Few Events That Took Place

KANSAS Flying Farmers made history to start off 1949. A group of these flying farm folks flew to Mexico for a midwinter vacation tour. They were entertained by top Mexican government officials. The event was so successful another Mexican trip is planned for this year starting January 16.

Wheat- and corn-storage problems worried officials more than usual during 1949. There has been a tremendous expansion in commercial storage in Kansas, especially for wheat, but it was not enough. A considerable amount of on-farm and off-farm storage was built during the year thru Government assistance.

Soil testing became big business during the year. Cowley county started it by installing a complete soil-testing laboratory patterned along lines proved successful in Missouri and other states to the east. Five other counties followed suit, and Kansas State College put in a state soil-testing laboratory to work with county labs and to test for counties not having facilities. Thru these laboratories, farmers can get a true picture of their soil needs and thus take the guesswork out of fertilizing.

Another outstanding agricultural step from a long-range viewpoint was preliminary work done at Kansas State College in establishing the new artificial-insemination program, which is to get under way in March, 1950. Kansas Farmer brought you the only complete story on this event.

Glenn H. Johnson, then chairman of the PMA, reported that PMA practices "caught fire" during 1949. What he meant was that farmers were making such demands on the department thru practice payments that funds were running out. Mr. Johnson resigned as chairman of the state committee in December. He is succeeded by Emmett Womer, of Smith county.

During 1949 farmers continued their battle against huge reservoirs being planned for Kansas by Army engineers. Rumors had this or that project in all stages of success and failure during the year. One large reservoir, the Fall River reservoir, was completed and dedicated during the year. Residents near the big Kanapolis reservoir reported that thousands of persons were flocking to the area on week ends, but it still makes farmers somewhat ill to see rich bottom land being taken out of production.

Crops were threatened during 1949. The year was predicted as a "grass-hopper year" and widespread destruction was feared. There were more hoppers than usual but destruction was not as great as anticipated. Mosaic appeared in wheat during the year and damage was given widespread publicity, before being mostly discounted by a crew of experts who toured wheat areas. European corn borer was a different matter, however. This pest appeared in all corn-growing counties of Kansas and is becoming a very serious threat to future production.

Stored grains also had their troubles. Entomologists reported during 1949 that damage from insects of various kinds was running very high in much of the on-farm stored grains. An all-out attack on the wheat weevil is planned for 1950.

Airplane spraying of crops has become so widespread in so short a time that spray operators held their second annual meeting during 1949 to discuss problems connected with the work.

The poultry broiler industry underwent considerable expansion during 1949. Most satisfied growers were of 2 types—those growing and processing broilers for hotel and restaurant trade on a limited scale, and those growing live birds on large scale on contract basis with large processors.

Several changes in personnel of interest to livestock folks took place during 1949. Glenn Pickett, formerly of Kansas State College staff, replaced Will J. Miller as livestock sanitary commissioner for Kansas. A. D. Weber,

head of the animal husbandry department at Kansas State College, was advanced to associate dean of the agriculture department and associate director of the Kansas Experiment Station. Rufus F. Cox, a professor in the department, was promoted to head of the department.

The Soil Conservation Service did some limited soil surveys by air during the year. Fred J. Sykes, state conservationist, reported that in some cases a farm formerly taking hours to survey could be done in a few minutes by plane.

Flying Farmers made a hit by providing planes and pilots at some Soil Conservation field days. During these events the pilots took farmers up so they could get a better over-all idea of soil erosion.

J. C. Mohler, distinguished veteran secretary of the Kansas State Board of Agriculture, announced his retirement as of January 1, 1950. He thus ended more than 50 years in the state office, during which he had a profound influence on Kansas agriculture, and became one of the most beloved public officials ever to serve the state.

Raymond Bird, a farmer near Sublette, startled the irrigation world by inventing and putting on the market a self-propelled irrigation system, using the principle of the old water wheel. Kansas Farmer carried the only complete and illustrated story on this event.

Several disastrous winter storms struck Central and Western Kansas during 1949, causing widespread livestock losses. Western Kansas farm leaders demanded and got improved weather-forecasting service for that area.

Following the example of the Western Kansas Development Association, agricultural leaders of Southeast Kan-

Are You Concerned About ...

Blood Pressure

or

Healthy Old Age

Doctor Lerrigo has issued special letters about "Blood Pressure" and "Healthy Old Age" to be sent to you upon request. If you wish one of these letters, please name the subject and be sure to send stamped reply envelope addressed to yourself. Send your request to Editor, Kansas Farmer, Topeka, Kan.

sas have organized a similar group. They will work in close co-operation with the new branch experiment station being established in Labette county.

Congressman Clifford Hope urged Kansas wheat growers to join with those of other states to form a national organization to help formulate legislation dealing with wheat problems. His suggestion was well received and such an organization probably will result.

Dean Margaret M. Justin, of Kansas State College, was honored during the year for 25 years of service to the profession of home economics.

C. E. Skiver, director of the Kansas Wheat Improvement Association, announced that research on 3 wheat varieties—Comanche, Pawnee and Wichita—had paid a return the last 2 years of \$709.75 for each dollar invested.

Kansas farmers generously contributed toward another entire trainload of food for CROP.

Virgil Miller became secretary of Kansas State Fair in 1949. He succeeded Sam Mitchell, who resigned to go into private business. William H. Wegener, prominent Norton county farmer, sold his farm interests and

Who Said It?

Kansas Farmer editors are in a spot. And it looks as if our readers must straighten us out. Here's the problem:

The other day Editor Raymond Gilkeson and Associate Editor Ed Rupp got into an argument over this old saying—"When the rooster crows from atop a manure pile, either the weather will change, or it will remain as it is." It appears in the poultry story on page 5 this issue. Ray, whose ancestors were from Scotland, says the saying originated in that country. Ed is just as positive it started in Germany, because his folks were from there and he often heard them repeat it when he was a child.

They can't both be right so you be the judge and the jury. Where did that old saying originate? Please address your answers to Kansas Farmer, Topeka, Kansas.
—Dick Mann.

moved to Hutchinson to become an assistant to Miller. Mr. Wegener had been a member of the State Fair board.

Ammonium nitrate was spread efficiently by airplane in Cowley county during 1949. In a limited experiment it was found nitrate can be spread at the proper time even tho fields are wet.

Jesse R. Johnson, who had been selling livestock advertising to Kansas stockmen more than 50 years, retired at the end of 1949 as livestock fieldman of Kansas Farmer.

Kansas cash farm income was down 10 per cent in 1949 from 1948 figures, but farmers still took in 800 million dollars the first 9 months of the year.

Quite a few farmers in Kansas spent part of 1949 getting acquainted with displaced families from Europe. These families were placed on farms thru various church relocation programs.

The Seymour Packing Company launched a new type of poultry program based on raising combination broiler-layers. The plan calls for the farmer buying straight-run, heavy-breed chicks in January. The cockerels are sold on the high meat market and the pullets are brought into production for high egg prices the last 6 months of the calendar year.

Harry Lewis, formerly with the Perry Packing Company, Manhattan, joined the staff of the Kansas State Board of Agriculture when he became marketing assistant.

The official state terracing contest was held in Jefferson county in 1949. The big event, which drew some 20,000 persons, was sponsored by Kansas Farmer magazine, the Topeka Daily Capital, WIBW, and Federal, state and county agencies.

Balanced farming in Kansas got a boost when Kansas State College Extension service announced that county, district and state balanced-farming contest winners would be chosen.



"Tunkerville's about 5 miles from here. Just follow me. I'm going there, myself."

New..for Farming in the 1950's

*See it...
Try it...*

Low-Cost "VAC" Case Tractor
with NEW
EAGLE HITCH

**3-POINT
HOOK-UP**

-LATCH ON

-SLIP THE PIN IN

-AND GO

**NEW
LATCH-ON
IMPLEMENTS
HOLD THEIR DEPTH**

**NEW
HYDRAULIC
CONTROL**

ONE LITTLE LEVER DOES IT ALL

● Moldboard plows in one and two-bottom sizes, two-way moldboard plows, disk plows, disk harrows, disk hillers, listers, field tillers and other tool-bar implements—all are built for "latch-on" hook-up and uniform penetration with the Eagle Hitch.

The new hydraulic control has its pump right on the engine, independent of clutch and gears. It works instantly, moving or standing. Pump is permanently primed, the whole system self-bleeding—no air lock possible. It uses ordinary motor oil. This new control gives high clearance to Eagle Hitch implements, lifts and adjusts cultivators and other front-mounted equipment.



● Now you can hitch and unhitch rear-mounted tractor implements with no tugging or lifting. No need to leave your seat on the tractor.

Now you can have all the convenience of a rear-mounted plow, and yet plow at uniform depth regardless of tough spots and rough ground.

For a new thrill in easy farming, try the Eagle Hitch yourself. Just back the "VAC" tractor in position ahead of the implement and open the latches with the convenient cord. Touch the hydraulic control and see the open throats of the hitch take hold of the implement like an eagle grabbing a rabbit. Let go the cord, slip in the single pin at the top, and GO.

Follow the plow along the furrow. See how well it holds its depth when it hits the tough spots. See how steady it runs, even when tractor wheels go over humps and hollows. That's because the Eagle Hitch leaves the plow free to hold its depth, without help from hydraulic lift or gauge wheel.

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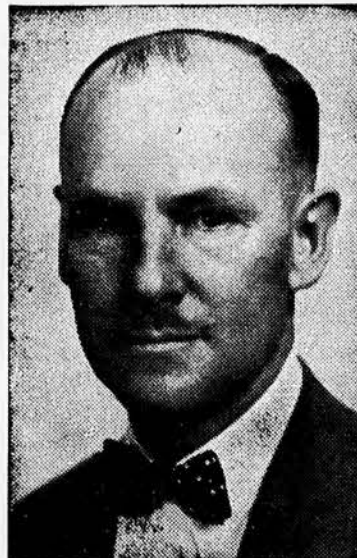
KESTER METAL MENDER SOLDER

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Chicago 39, Illinois

Dairymen Meet January 11 To Discuss Problems



T. F. Yost



Prof. F. W. Atkeson

DAIRYING and its progress in Kansas will be featured during the annual meeting of the Kansas State Dairy Association, January 11, in Topeka. A full program, including nearly every phase of dairying, has been arranged, according to Harry E. Dodge, secretary-treasurer for the association. More than 100 dairymen are expected.

Among highlights of the day's activities will be a talk by Warden L. Noe, legal adviser for the Kansas State Board of Agriculture, on "Legal Aspects of the Use of Vegetable Oils in Dairy Products." This topic, Dodge stressed, is particularly timely and highly important to representatives of the dairy industry. Owen M. Richards, general manager of the American Dairy Association, will tell of the national campaign to encourage greater use of dairy products and why it is of vital importance to dairymen.

Artificial-breeding work in Kansas will be the material presented by Prof. F. W. Atkeson, head of the dairy department at Kansas State College. This program, Dodge stated, is just getting under full sway in Kansas and is proving extremely popular among dairymen in the state, which makes this talk of particular value to the meeting.

In dairying, disease always is a problem. So the talk on cattle diseases and their control by A. G. Pickett, Kansas Livestock Sanitary Commissioner, should prove of benefit.

Pastures and their management is an important part of a well-rounded dairy program. T. F. Yost, state weed supervisor for the Kansas State Board

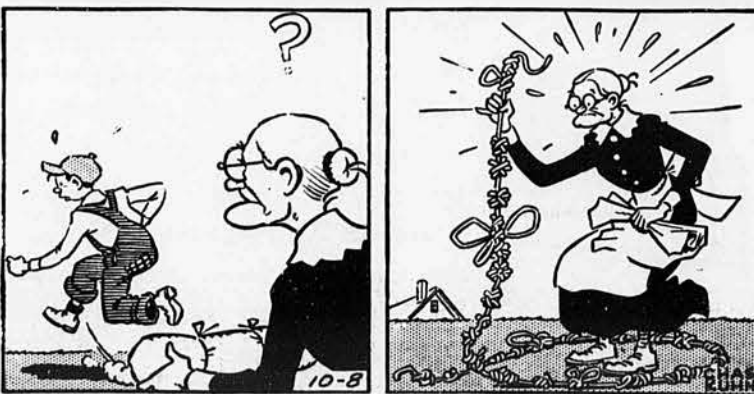
of Agriculture, will discuss chemical weed killers and new strides being made in this work. These chemical weed killers have proved a genuine boon to keeping pastures free of grasses, and farmers in general as well as dairymen are interested in obtaining all the information possible regarding their use and effect.

In summarizing the program Dodge stressed that all those interested in Kansas dairying are welcome to attend.



A. G. Pickett

GRANDMA . . . By Charles Kuhn



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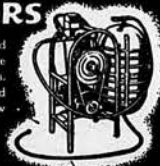
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Thoughts TO LIVE BY

Noble Resolutions

NEW YEAR'S day has just passed. It was an ideal time for making resolutions. Did you make one? Some people may have hesitated in the matter, because old resolutions were not kept. Why, therefore, make new ones? But that is a dangerous attitude at any time, and must be eliminated if growth is desired. Improvement comes only with effort. To fall is not fatal, but to give up is. He who would reach the summit in life must pick himself up when he falls and keep on climbing.

This year seems to be particularly auspicious for making resolutions. We are halfway thru the 20th century. Here we can pause to take inventory. In the first 50 years of this century, great mechanical progress has been made. The auto was an infant at the turn of the century. As it matured, it developed one of our largest industries and a network of highways and roads. The telephone, too, was so new when the century began that few people understood its great practical value. The airplane belongs to the 20th century. So does the radio. So does the atomic bomb. Some of these things are now so thoroughly established in life we wonder how we ever endured without them.

But the first half of this century has witnessed 2 destructive global wars. It has seen the rise of tyranny and the eclipse of democracy. It has also watched over the destruction of Europe and much of Asia.

In this country, we have experienced the greatest depression in our history, and now we stagger under a heavy burden of debt and taxation. Much of this load is carried because of the breakdown of moral standards. Nations and individuals have preferred the law of expediency to the law of God.

What will the latter part of the century be like. Will a third global war destroy the civilization that remains? Will the mechanical giant we created be too strong for our dwarfed moral natures?

Ah, we are more than spectators in this great drama. We are participants in this titanic enterprise. What can the individual do to improve conditions? There are many things, of course, which everyone can do, such as studying the causes of tension and prejudice and then working to alleviate them. Our individual support of the organizations working for peace is more effective than most people realize. But fundamentally, we can help most by being the best individuals we can be. Society will be no better than the people who compose it. Furthermore, we all feel a personal responsibility to our Maker to develop the good within us and retard the evil that cries for expression.

For these reasons, some people will resolve to face life soberly. That may be a big achievement. Others may decide to save their money to give it to worthy causes. If this puts a stop to wasteful practices and helps the worthwhile institutions, it will certainly be admirable.

Let me suggest three things that have commended themselves to me.

1. To keep alive mentally, I want to learn at least one thing each day. It may be just the meaning of a word, but it should be something worth remembering.
2. To keep alive physically, I intend to watch my diet. It is possible to commit suicide merely by overeating.
3. To keep alive spiritually, I purpose to do at least one thing each day to help somebody else. If such a service is gladly rendered to meet a human need, it is also an act of devotion to God.

—Larry Schwarz.

Coming Events

January 6—Coffey county, district sheep and swine school, Carl Elling, KSC; Glenn Thacker with Midwest Wool Coop., and representatives of the Kansas City and St. Joseph Stockyards Companies, Burlington.

January 7—Pottawatomie and Wabaunsee counties, 4-H officers training school, Wamego high school, 1 p. m., Roger Regnier, assisting.

January 9—Coffey county, livestock and crops school, Gene Cleavinger, Lot Taylor and Ray Hoss, Burlington.

January 9—Pottawatomie county, balanced farming supper for 1949 and 1950 co-operators, Westmoreland Legion hall, 7 p. m.

January 9—Johnson county, annual meeting DHIA, Olathe.

January 9—Seward county, crops and irrigation forum, Liberal.

January 9-10—Linn county, home improvement school, Mound City.

January 11—Ford county, annual meeting of Western Dairy Herd Improvement association, Dodge City.

January 11—Johnson county, horticulture and poultry meeting, W. G. Amstein and M. A. Seaton, Olathe.

January 12—Chase county, State 4-H leader meeting, Roger Regnier, Cottonwood Falls.

January 12—Barton county, district DHIA meeting, St. John.

January 12—Jewell county, district swine and sheep school, Carl Elling, Beloit.

January 16—Pottawatomie county, home demonstration unit leaders and 4-H leaders, meeting with Paul E. Collins, Extension forester, and Charles E. Parks, Extension landscape architect, Westmoreland Legion hall, 10 a. m.

January 16—Johnson county, Soil Conservation Service annual meeting, Olathe.

January 17—Ottawa county, poultry school, 2 p. m., Jackson, Farm Bureau basement, Minneapolis.

January 17—Mitchell county, Rural Life Group, Velma McGaugh, Beloit.

January 17—Wabaunsee county, farmstead

landscaping school with Collins and Parks, Alma.

January 17—Ottawa county, leaders training and clothing meeting, Minneapolis.

January 17-18—Sumner county, Farmers Institute, crops, outlook, dairy, livestock, beef and entomology, Wellington.

January 18—Lincoln county, Rural Youth Organization meeting, Lincoln.

January 18—Cloud county, poultry school, M. E. Jackson, specialist.

January 19—Jewell county, county poultry school, M. E. Jackson, Mankato.

January 19—Linn county, poultry school with M. A. Seaton and Leo Wendling, La-Cygne.

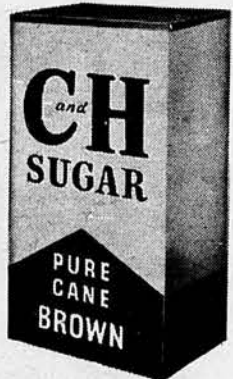


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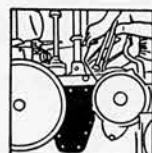
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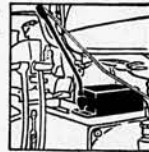
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Put new speed in your old model John Deere A or B. Makes it many times more useful. New Behlen Gear Box adds two extra speeds—9 and 15 m.p.h. Does not interfere with present gears. Just shift gear. Think of the time you can save. Precision-built. Fully guaranteed. Worth many times the amazing low price.

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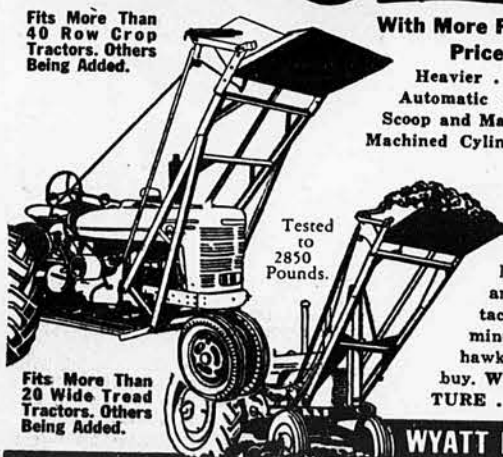
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Heavier . . . Stronger Construction. Patented Automatic Load Leveler. 48-inch Combination Scoop and Manure Fork. Single Oversized Precision Machined Cylinder. Bulldozer, Snow Scoop, Sweep-rake, Hay Crane Attachments.

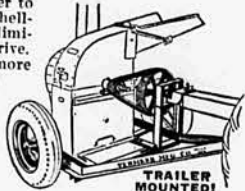
You can use the Jayhawk in barns, sheds, anywhere a tractor can go because it has no framework above tractor. The automatic load leveler keeps load always at correct angle to prevent spilling. You can attach or detach the Jayhawk in three minutes. No other loader has all the Jayhawk advantages. Compare it before you buy. Write for FREE JAYHAWK LITERATURE . . . today.

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It pulverizes, mulches and firms soil deep as plowed better than ever before, and smoothes the Corn Borer Miller in ground. Saves time, labor and horsepower preparing ideal seedbed. Leaves surface mulch without grooves, which greatly helps to prevent washing. This seedbed conserves moisture, saves seed because more of the seeds grow; and helps to increase yields of all crops. Great also for rolling in clover and grass seed and breaking crust on winter wheat in spring. Find out why it does the work so much better, easier and faster. Be sure you get the genuine WESTERN. Write for catalog and freight-paid prices direct to you.

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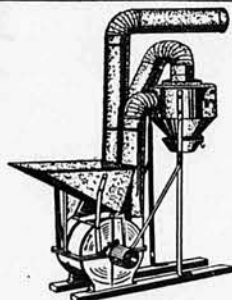
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Hulls oats 40 to 60 bu. per hour; cracks corn 2 grades 50 bu. per hour. Grows quick bone and muscle all young livestock and poultry. Write for circulars, "Road to Profit or Road to Loss" and "True Picture Story of 17 Scrub Pigs." (Why waste your oats, corn, and grain crops? Process it yourself better... at lower cost.) Write dept. KF-129 (Original)

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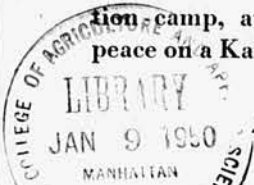
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Robbed of home and everything by Communists, thrown into concentration camp, at last the Putnins find peace on a Kansas ranch beginning...



A New Way of Life

By RUTH McMILLION

THE "displaced" Latvian family arrived in Clark county, Kansas, September 23, 1949, on the 10:33 a. m. train. Mr. and Mrs. John Stephens were there to meet them.

It was an exciting and anxious moment for the Stephens. And they realized, too, a crucial moment for the aliens, Mr. and Mrs. Karlis Putnins.

As the train rolled in, a slender, alert man peered at the station, made out the name ASHLAND, nodded to his companion and they stepped down.

Mr. and Mrs. Stephens hurried forward with a genuine American greeting and handshake. Mrs. Putnins smiled warmly as did her husband, then he courteously bowed, kissed Mrs. Stephens' hand in a polite European manner, greeted their daughter, Mary Belle, likewise, and patted the little granddaughter.

Karlis Putnins is blond, clean-cut and sharp. Katrine Putnins is charming, and her sweet smile complimented her small, ample figure.

It was a happy, excitable moment touched with reserve, for the story behind this couple was a sad one, and after their trials this new world was surely a question in their mind.

They had lost all to the Communists. Their brother and sisters sent to Siberia, the Putnins had been taken from their lovely home in the capital city of Riga and had spent long months apart in concentration camps. Karlis had been forced to do farm work and Katrine and their lovely daughter, Lucy, worked in the forest. After the war Karlis spent 13 months going from camp to camp in search of his family.

Now, after collecting their few pieces of baggage, the Putnins left with the Stephens to have coffee at their spacious town home before going to the 3,700-acre ranch 15 miles north of Ashland, which was to be their new home.

All Wept With Her

Thruout the morning the Putnins showed no emotion, only happiness and an eager manner. It was not until Mrs. Stephens took them into the cheery, gay cottage they had remodeled from a schoolhouse that they awakened. Here when Mrs. Stephens ushered them in and said, "Now this is your home," Katrine looked around her and wept, and they all wept with her.

The Putnins are fortunate in having the Stephens, for thru them they will come to realize the true meaning of Democracy and our American way of life. Always have the Stephens given much to their community in time and effort, and they are determined the Putnins shall be happy here. The Stephens are lucky, too. For altho the Putnins have been well educated and have lived a full life, they are now most eager to learn and to serve with a genuine sincerity devoid of bitterness and pride.

Katrine's grandfather was a German baron and her father was a landowner. In her home Katrine had thick rugs, her furniture upholstered in white and her bedroom furniture of mahogany. She had an extension table

which seated 36, sterling silver service for 48 and 4 sets of Haviland china. Katrine's comforters were down-filled, satin-covered, with a separate case for each. They had a ballroom. Katrine's evening wrap was of ermine and velvet. Karlis often wore cutaway coats and Katrine had many diamonds. In Latvia, before the Russians came, Katrine spent much time in charity work.

Upon arriving here Katrine was overwhelmed to learn she would have to cook. Having come from a family of means the Putnins had a full-time cook, a full-time housekeeper and a gardener.

When Karlis signed up to come to America the woman in charge told Katrine that Karlis was the worker and she would just come with him. The Stephens had not specified "a cook"; they had asked for a man and wife to help at the ranch, assuming the wife would cook as American women do.

How-be-it, Katrine said "I will learn to cook," and Mrs. Stephens, a gracious hostess known for her culinary art, is teaching Katrine. Now Katrine makes all the pies and several other dishes. Whatever she cooks the Stephens say is delicious.

Katrine could read the recipes but

in every spare moment, and when the Stephens urge them to rest Karlis says, "No, we must study our English."

On their first Sunday here they asked whether it might be possible for them to go to church to give their thanks. They are Lutheran, but as there was no Lutheran church near, the Stephens took them to the Presbyterian. Upon entering the pew, both Karlis and Katrine knelt in their silent prayer of thanksgiving.

Both are devout and would like to attend church each Sunday, but are distressed at the expense it might mean to the Stephens to make the 60-mile trip after them and back. They say it is too "dear" but add that when someone is already at the ranch, going into town, they would love to go.

The Putnins are very considerate of costs and expenses and extremely frugal. They save all peelings, cabbage cores, and grind them for the baby chicks which are doing unusually well under Karlis' nurturing and care.

There Are Obligations

The Stephens applied for a displaced family thru the Church World Service. There are certain obligations one must assume and guarantee when entering into a contract of this nature. First, the American must be endorsed by 3 persons, he must guarantee to keep the DP's a year and to pay the prevailing wage. He is obliged to pay their traveling expenses which consist of fare, meals and baggage after arriving in the U. S., this expense to be withheld from the DP's salary.

When Karlis arrived his first concern was this debt to the Stephens and the importance of repaying them. But



WELCOME TO AMERICA: Katrine, Karlis and Lucy Putnins like their new homes in the United States. Father and mother are on a Clark county farm and daughter Lucy is in New York.

the meaning of the words confused her. What did "sift" mean? What did work to a "meal" mean. As Mrs. Stephens explained and showed the process, Katrine rewrote their meaning in Latvian in her cookbook.

In Riga, Karlis kept books for the Latvian government on exports and imports and figured the rate of exchange. His father owned a grocery store and his godfather was a manufacturer.

Karlis had hoped to come to the eastern part of the United States, as their only child, Lucy, age 29, and her maternal grandmother, had come to New York as displaced persons to the home of a Latvian doctor. Here, Lucy is practicing her profession as a dentist. She also is an accomplished musician. In Latvia, Karlis waited but no applications reached him from eastern U. S. Midwesterners far exceed all Americans in taking displaced persons, he said.

Speaks 4 Languages

Karlis speaks Latvian, Russian, German and English. He has been studying English for a year and speaks and understands it quite well, but speaks with an English accent, for he listened to the English broadcasts while in occupied territory endeavoring to learn the language.

Now Karlis carries a notebook and when a word is spoken that is new to him he asks for an explanation, then writes it in his book for future study. When Katrine arrived she spoke English falteringly, having learned some from Karlis. But after 5 weeks here she was conversing surprisingly well. Both Katrine and Karlis study English

Mr. Stephens assured Karlis he was not indebted to them at all.

Karlis and Katrine arrived in the U. S. via New Orleans and came thru Wichita. While spending the night in the Union Station waiting for their morning train, a night ticket agent learned their story, took his car and made a tour of the city with them, showing them places of interest and the city highlights.

The Putnins find the American people very, very kind. Karlis is amazed he has not been scolded a single time since starting work. One day while trimming trees he broke the saw and was extremely worried about it. Katrine broke a dish and appeared to be almost frightened. They can scarcely understand that in America these things are of small consequence. And are amazed that Mr. Stephens and son, Jack, a World War II pilot, work on the ranch. Karlis says in the old country the landowner rides around on a horse and gives orders.

Karlis never uses alcohol and never smokes but says in the old country they always had wine with each meal, never water. They had never tasted ice tea before but are quite enthusiastic about it.

The Stephens feel the Putnins really are happy. They both sing at their work and Karlis not only rakes the yard, orchard and pigpen but even sweeps them. Mrs. Stephens says he has the farmyard so clean they can scarcely find a stick. Katrine has a wonderful sense of humor and laughs and jokes the whole day long.

Recently the Stephens made arrangements for Katrine's mother to come (Continued on Page 21)

from New York to live with the Put-

Both Karlis and Katrine are 53 years old. Karlis was 53 October 2 after arriving. It was Sunday and the Stephens made an occasion of it by having dinner, a big birthday cake and asked guests to drop in who brought small gifts. The crowning event was that Stephens had made arrangements with Lucy in New York to call her parents. When her call came thru they put Karlis on one phone and Katrine at another. With this 3-way hookup it was a joyous reunion. The Stephens could not tell what was being said in Latvian, but from the tone and excited comments it was a wonderful occasion.

Katrine was 53 October 15, and Mrs. Stephens had guests drop in at the ranch as a surprise. She again had a birthday cake and guests brought gifts for Katrine. Each kindness brings tears to the Latvians' eyes and much laughter.

Stephens' gift to Katrine was a lovely, dark-green tailored dress. One day Mrs. Stephens said, "Katrine you need a pretty pin to go with that dress." Katrine had worn and shown only costume jewelry from her country. Quickly she hurried to her home and returned with a beautiful brooch set with a diamond. This, she said, was the only one of her jewels the communists did not get. It was pinned under the lapel of her coat.

Soon after Katrine's birthday members of the Presbyterian church gave a personal-gift shower for the Putnins, accompanied by a bountiful covered-dish dinner. Two gifts which particularly appealed to Karlis were a flashlight and a dictionary. After the dinner Karlis read aloud their story which he had conscientiously written in English. Following are excerpts from his story:

"MY COUNTRY is Latvia, at the Baltic Sea. Latvia was a small, beautiful and rich country, blessed from our Lord with many goods. Our big neighbors were Germany and Russia, the small ones, Poland, Lithuania and Estonia. Latvia was an independent free democracy with about 2 million population. We had our own money. We had a President and a Parliament of 100 members. Our last president was displaced to Russia by the Communists.

"MY HOME. We lived in Riga, the capital of Latvia (about 376,000 inhabitants). We had our own house, with a garden. I married Katrine in 1916. We have only one daughter, Lucy, born in 1920."

Karlis has practically lost 16 years of his life because of war. In World War I he fought with the Russians, was taken prisoner by the Germans and not re-established in Riga again for 6 years. In the second war the Russians came in June, 1940, the Germans in July, 1941, and the Russians again in 1944.

"THE OCCUPATION OF LATVIA BY COMMUNISTS. We had in our Latvia a happy and well-off life until 1940 June, when the Communists Red Army took our country by force. Then began our trouble. Many people have been regular arrested at midnight, just from bed, and nobody hears of them more.

"Then came the night on the 14th of June 1941. There were arrested all over Latvia about 35,000 people (families

and single). They had been separated (male, female and children) put into freight trains and transported to Siberia by locked doors. Many of our friends and my relatives (brother and sisters) have been transported with this first group to Siberia.

"MY RESCUE. I and my family must be sent to Siberia with the 2nd group on 28-29 of June, but the war between Germany and Russia interrupted this action."

Before the Germans came the Communists had made a list of those to be done away with. Those written in black were just to be sent to Siberia, those listed in red were to be shot. Karlis later learned that he, Katrine and Lucy had been listed in red but the coming of the Germans saved them.

"THE OCCUPATION OF LATVIA BY GERMANS. All citizens of Riga were going to meet them with flowers as a gratitude for the delivering from Communists. But the German occupation was not better than the Russian. The 'NACCI' gave not back us our independence, our democracy, our human rights but treated us very bad. Many of the Latvian patriots were put into the concentration camps in Germany. Many were killed. The youth has been taken to Germany by force, for labor allotment, 'as volunteers,' where they lived in labor camps in very bad conditions.

"MY TRANSPORTATION TO GERMANY on 2nd October 1944, when the Red Army came near Riga. The German representatives gave order that all citizens of Riga immediately must leave Latvia. Who do not that will be shot down as a friend of Communists. On the 3rd October, 1944 we leave Latvia by the cargo ship 'Donau'.

"When the Red army came near Berlin the Burgomaster of Damerow ordered that when the church bell chimes

all inmates must leave the village. And so one day began our horrible trip, together with the backwards raving part of the collapsed German Army. The American troops arrived in Helsen, all foreign workers were delivered from the bad conditions.

"OUR ARRIVAL IN U. S. A. On the 20th September we arrive in the port of New Orleans, on the 21st of September I set foot on the land of the U. S. A.

"Mrs. and Mr. Stephens are very good to us and so also are all members of his large and nice family. We are treated like members of their family. We were so happy that there are also good people in the world and not only bad ones such as the Communists.

"HOW I LIKE AMERICA. I have not much seen of America but the power and the glory of America is well known all over the world. The U. S. A. means for us the beginning of a new life, and I am lucky that I may live and work in the world's biggest democracy. When all people in America are so kind as the people in Ashland, then I like them very much for the possibility to begin a new life here. I have to be indebted to Mr. Stephens, my sponsor and to Mr. Dukelow, the minister who wrote the application. Thanks to our Lord who blessed this good work. On my first Sunday in Ashland, in the church was a Thanksgiving to our Lord for my arrival in my new homeland the mighty U. S. A. I have also my hearty thanks to utter to Mr. Dukelow, the minister for his visits in our home and for the Holy Bible he presented me."

Now Karlis and Katrine are working on their naturalization papers, studying and striving to become citizens of our United States. An old life is behind. A new one ahead. May it be filled with good things and happy experiences for these new friends.

You Own This Cave

Has 16 Acres Under \$100,000 Roof

IF YOU could cut out a 16-acre corner from one of your fields, then dig a hole that size, you would have some idea of the immensity of the big cave being used by the Government for storage purposes near Atchison.

Carved out of solid limestone rock over a 100-year period, the cave does actually have 16 acres of floor space. It was leased by the Federal Government shortly before the end of the war for storage of surplus commodities. At present it contains 23,000 tons of prunes, 8,000 tons of dried eggs and 1,400 tons of raisins, yet is not filled to capacity.

The natural year-around temperature within the cave is 55 degrees. Refrigeration units have been installed to pull temperatures down to between 32 and 34 degrees above zero.

Delbert Case, manager of the cave, reports considerable research is being done on control of humidity and on length of time such perishables as dried eggs can be stored. Some dried eggs in the cave have been in storage 18 months, Mr. Case explains, and are still good. It had been previously thought such dried eggs could not be kept for more than 3 months.

The Atchison cave is not being used

to compete with commercial storage facilities, it is explained by the manager. Rather it is being used to store commodities not easily handled by commercial storage.

Some idea of costs involved in preparing and using the old stone quarry as a food storage vault is indicated by the fact that it cost \$100,000 just to repair the roof of the cave so it would be safe. The floor has been covered with a concrete top so it is level.

Food containers are moved around inside the cave by small electric motors pulling flatcars. All are mounted on rubber wheels. The same motors that pull these loads are equipped with hydraulic lifts for stacking and unstacking the barrels and boxes of food.

Most of the food stored in the cave is for overseas shipment. Another cave, even larger, is being built now by private interests who hope to lease it to the government. Mr. Case says costs of operating such underground storage vaults are much less than for above-ground storage, because of the natural constant temperature and because there is so little depreciation.

Start Dairy Plan

Farmers in 2 counties recently organized artificial-insemination associations to work in conjunction with the state center at Kansas State College, Manhattan. The 2 counties are Miami and Wilson.

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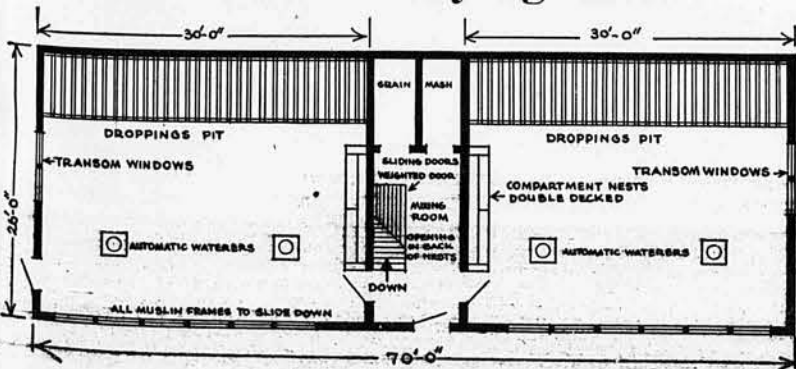
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New Kansas Laying House



BUILD them deeper. That is one recommendation for new laying houses. This floor-plan drawing of the new Kansas strawloft laying house shows 2 pens each 26 by 80 feet in size. Feed room is in the 10-foot compartment between the pens. Eggs also are gathered from this compartment from the community-type nests, then are taken down into the egg cellar below for cooling. An alternate plan calls for double 5-foot doors at each end to permit entrance of manure spreader or truck. This drawing was made from Kansas State College Extension service circular L-2. The circular gives a detail plan of this building. Write to Service Editor, Kansas Farmer, Topeka, Kansas, for a copy.

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NEW Jayhawk HYDRAULIC LOADER

Up or Down

(Continued from Page 5)

the type of chicks you want, when you want them, it still would be a good idea to place your order early.

A small-size revolution has taken place in the poultry industry. And it is still going on. The chicken business has changed remarkably in our time. Remember the old 12- and 14-foot laying houses? And the resulting frozen wattles and combs? The 20-foot, open-front laying house helped put a stop to that. Now the new recommended Kansas straw-loft laying house is 23 feet deep. And we have seen poultry houses under construction on average-type farms that are 30 feet deep.

Along with that deepening of poultry houses, they are longer, too. That means more chickens for the individual farm. It seems more farmers each year are following Extension recommendations: Have 300 or more layers for efficient production, or cut down small enough to supply eggs for family needs only.

Size Is Important

That recommendation seems to have been sound. Look at records collected by Marion Pearce, Farm Management fieldman in Association No. 2. Where the average hens per farm were only 40, total egg receipts per hen were \$2.84 annually. Now look. Where the average flock size was 101, total receipts per hen jumped to \$5.07. Average flock size of 223, total receipts \$5.43 per hen. Average flock of 330 hens, total annual receipts per hen were \$6.67. The same condition held true among Kansas poultry record keepers, mostly specialists in the business. Efficiency seems closely related to the size of the enterprise.

But there still are some rough places to smooth out in the poultry picture.

We asked M. E. Jackson, Extension specialist in poultry, "Are there too many eggs?" His answer was, there are too many low-quality eggs, but not enough top-quality eggs.

Support price has tended to hold the price up on low-quality eggs. As a result it seems to have depressed the price on quality. There is not enough

spread between prices of grade-A large eggs and lower grades.

Despite this discouraging influence, more farmers are becoming quality-conscious. And Kansas egg buyers seem to be swinging gradually over to a uniform terminology to designate buying grades. In the long run that will help promote quality production. Buying eggs strictly by A, B and C designations will help clear some confusion from the egg market.

"Get in and Stay"

If there are any "don'ts" in the poultry business, it would seem to be "don't try to outguess the market." If you are going to have poultry, get in, get in right, and stay in year after year.

Mr. and Mrs. John Patterson, Chase county, have been in the poultry business 25 years. It has been their main source of farm income. A couple of years ago, Mr. Patterson says, we lost money on poultry. Eggs were about the same price as now, corn was twice as high as now. Sure, they cut down the size of their flock that year. But they came right back the following season. And they are nearly up to capacity again now with about 1,000 layers.

The Pattersons, who have ranked high in the state several years in flock-improvement work, have one central laying house. Then they increase their capacity by using several smaller buildings, including brooder houses. As the flock is thinned down by culling, pullets can be moved from the smaller houses. By spring, and brooding time, brooder houses again are available for small chicks. That plan permits wider use of poultry equipment on the farm.

When Mr. and Mrs. Menno S. Goertzen moved to their newly-purchased farm in Marion county this year, among the first improvements made was a new poultry house. And while building, they decided to make it large enough. Their new laying house measures 24 by 50 feet.

On the farm operated by Leo Reid, Marion county, a new 30- by 40-foot laying house was constructed last fall.

A new 20- by 52-foot house was built last year on the Ed J. Schallehn farm, Lyon county. Double-deck community nests were built into this laying house. These nests were set away from the wall with entrances all along the back side. This arrangement is intended to prevent crowding in the nest. They plan to install dividers in the compartments next year.

Mrs. Schallehn expressed what well may be used as a motto for farm poultry producers. Get in and stay, she suggested. Don't get in and out. In other words, stick with a program and don't try to outguess the market year after year.

Mrs. Russell Baker, Osage county, puts it another way. We always plan to fill available space for layers. We always figure chickens pay their way. There is room for about 600 layers on the Baker farm.

There is much evidence of progress in state-wide laying-flock circles. Most new construction of laying houses does seem to be along the line of increased capacity and efficiency. That will make for more economical production.

Broilers Coming Along

But there is another side of the poultry business that is developing, too. Broilers. At first glance it is difficult to understand how Southern broiler plants—Arkansas, Oklahoma and Southern Missouri—can buy chicks from Kansas hatcheries, buy feed from up North, then market the broilers back here in Kansas. How can they compete with Kansans who do not need to pay the transportation costs on chicks, feed or the finished product, the broilers?

It looks like the answer lies in the fact that the broiler industry was developed in the South when building prices were quite low. Then, with large establishments, they can guarantee a large number of broilers each week. Buyers can afford to pay the price under such conditions. Better than they can take the older, more sporadic supply of farm-raised meat chickens.

But wait! Kansas is coming along, too, in this new broiler business. First records kept on broiler receipts in this state were in 1934. Total that year was \$195,000. There has been an almost steady increase each year since 1934. Total receipts in 1948 amounted to \$1,013,000 from broilers in this state alone. And it looks like the total for 1949 will show another increase.

The broiler business in Kansas is growing up. And for stability in the industry it probably is just as well that it grows up gradually. It requires volume, management and that certain something called "know-how" if it is to be a stable enterprise. Not to mention risk capital.

Only a few years ago broilers were brought into the state from as far away as Georgia. Apparently none came from there last year. More Kansans each year are getting into this specialized business. But at the same time the market has been expanding, too. According to best estimates available, 1 chicken per capita was consumed in the United States in 1936. By 1948 that figure had increased to 6.4 chickens per capita.

Availability of ready-to-cook poultry in all major markets has had a lot to do with that increase. Gone are the days when Mrs. Housewife had to get

Hubby to chop the chicken's head off. Then pick, singe and dress the chicken. Meat markets all over have them ready for the skillet now.

Nearly every News Letter sent out by C. D. McClaskey, educational director, Kansas Poultry Institute, seems to mention one or more new broiler enterprises sprouting up. And these are not all confined to the eastern side of the state. Some are taking root in the wheat country of Central and Western Kansas.

A New Producer

One newcomer in the business is Marvin Broadhurst, Harvey county. He started in the poultry business with 15,000 turkeys this last year. Then in fall he decided to utilize what equipment he had to raise broilers. His plans were for 3 sets of 10,000 broilers in each set. Mr. Broadhurst used colony houses that were available, about 14 by 14 feet in size. Then he had some old laying houses which he converted to broiler production.

G. F. Hines, Osage county, is another new broiler producer. He started his first chicks last fall. With present equipment he has a goal of between 30,000 and 35,000 broilers a year.

In many ways, his equipment and management plans look favorable for a stable business. He will have a definite number, and quite a large number, of broilers available at regular intervals. That will be an aid in marketing. To pay top broiler prices, buyers must have a steady supply for their customers.

Mr. Hines starts his broilers in batteries in the basement of his Farm Service store in Burlingame. The battery room measures 24 by 60 feet. Present capacity of his batteries is about 4,000. But there is room for more batteries to increase the capacity to 10,000 or 12,000. Chicks are kept in these batteries 3 to 4 weeks. Then they are moved out to 20- by 100-foot growing houses for the finishing touch.

The basement battery room is heated with a single oil-burning stove. It is extremely economical. Mr. Hines says it was taking only about 1 gallon of fuel oil a day during the fall. It is ventilated regularly. Every half hour a time clock starts a fan that forces fresh air into the basement for 30 minutes. Getting that ventilation system adjusted properly seems to have had an effect on mortality.

When chicks reach 3 or 4 weeks in age, they are ready for a change of feed, anyway. So Mr. Hines just moves them out to the growing houses at that age.

There are many other new broiler plants in the state. There are several close to Wichita, several around Topeka. A broiler plant at Lawrence has expanded. New ones have gone in at Beloit and Kiowa.

They are springing up all over. But for the most part farmers do not have the time to properly care for a broiler project on their farms. However, if broiler capacity continues to increase in the state, it should improve the market on that type of hatching egg.

Our neck may be hanging out longer than the neck of a New York dressed chicken when we say it, but it certainly looks like 1950 will be another good poultry year in Kansas, even tho egg prices apparently will be lower. Maybe as good as 1949 when hatcheries did a lot of replacement business.

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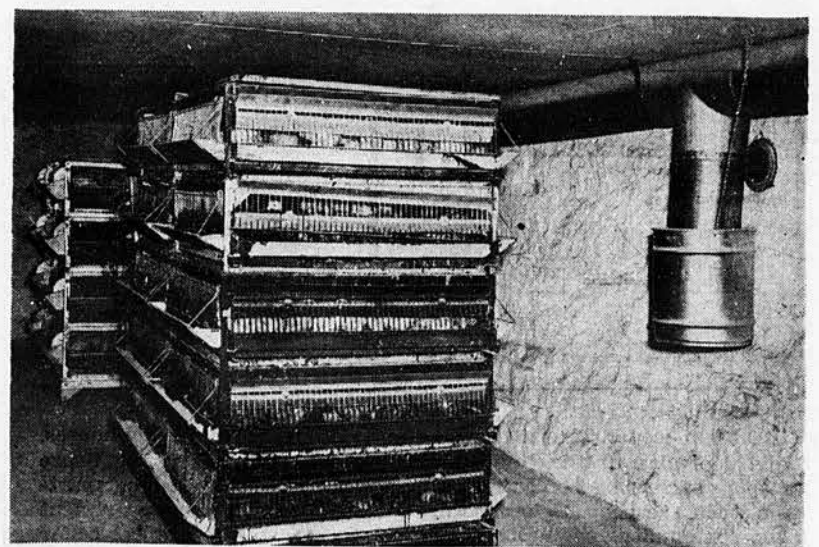
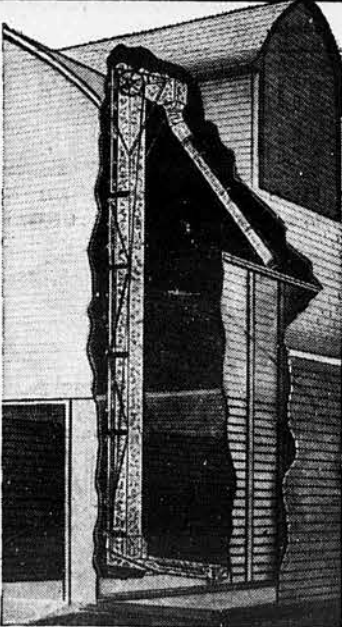
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CHICKS NEED FRESH AIR: Proper use of the ventilation system, part of which appears at right, helped G. F. Hines, Burlingame, cut death loss among his basement-started broiler chicks. Air is forced down into the bucket and back up to the ceiling to cut drafts to a minimum. This ventilation system is turned on automatically every half hour for 30 minutes.

"Slugging Match" Comes Later

(Continued from Page 4)

Brannan Plan into law. But the motions will be more for the purpose of winning farm support in November than with any idea of getting it enacted this year.

If the Republicans can win back even a score of farm districts they lost in 1948, and pick up 3 or 4 Senators (in addition to holding what seats they have) they figure the Socialist-Labor Welfare State program will be effectually blocked for the time being. Then the whole issue can be fought out in 1952, in the Presidential election. Provided, of course, the Republicans nominate an opponent instead of another "Me Too" Fair Deal candidate for President.

On the other hand, if the Fair Deal Democrats can pick up a dozen House seats, and defeat 3 or 4 Republican senators—say Taft of Ohio, Millikin of Colorado, Donnell of Missouri and one other—they believe they can cram the Truman program thru the 83rd Congress, and have no effective opposition party in 1952.

Thru expansion of marketing activities of the Commodity Credit Corporation, and all-out control of farm production thru the Brannan Plan, the Federal Government would then have practically full control of the food supply; thereby control of both farmers and consumers. And thruout history that has meant real power.

Thru repeal of the Taft-Hartley Act, and federal legislation prohibiting use of injunctions against any and all strikes (such as the recent transit strike in Cleveland, for instance) Organized Labor would gain control of electric power and communications, and become the master of industry, for a brief period. Then the Central Government would take over Organized Labor in the name of a Labor Government, as in Britain.

With a strong Central Government controlling food, power and communications, the United States would be an entirely different country. It might be Utopia, as leaders in the Welfare State movement proclaim. Or it might be something entirely different from Utopia, as the people behind the Iron Curtain are learning, and as some in Britain are beginning to worry about.

Foregoing are some of the bigger stakes in the 1950 and 1952 elections. The present session of Congress looks like a preliminary round ahead of the big slugging match ahead. There promises to be considerable in-fighting, probably some blows beneath the belt; considerable gouging and some biting and clawing. But probably no knock-outs; no referee decisions. There is no referee until the voters go to the polls.

Various interpretations have been placed on the Agricultural Act of 1949, provisions of which became effective last Saturday at midnight.

Following are some excerpts from A Digest of the Act, put out by the Production and Marketing Administration of the Department of Agriculture, which is charged with its administration:

"The Agricultural Act of 1949 makes price support mandatory for the 'basic' commodities: corn, cotton, wheat, rice, tobacco and peanuts; also for certain designated non-basic commodities: wool, mohair, tung nuts, honey, Irish potatoes, milk, butterfat, and the products of milk and butterfat. Price support is permissive for other non-basic commodities at the discretion of the Secretary of Agriculture.

"Support levels—

"Corn, cotton, wheat, rice and peanuts:

"(In 1950) 90 per cent parity is mandatory to co-operators (producers who do not knowingly exceed their acreage allotments) if marketing quotas have NOT been disapproved and if acreage allotments or marketing quotas are in effect. Fifty per cent of parity would be available to producers who comply with acreage allotments if producers disapprove marketing quotas. Not more than 90 per cent of parity nor less than the level of support between 75 and 90 per cent of parity called for by the 'sliding scales' set forth in the act (the exact level within this range being discretionary with the Secretary of Agriculture), is mandatory to co-operators if producers have NOT disapproved marketing quotas and if no acreage allotments or marketing quotas are in effect.

"The sliding scales referred to above fix the minimum level of support between 75 and 90 per cent of parity in accordance with the total supply and the normal supply at the beginning of the marketing year. (Note: Sliding scale table will be printed in Kansas Farmer in a later issue.)

"(In 1951) Not more than 90 per cent of parity nor less than (1) 80 per cent of parity or (2) a level between 80 and 90 per cent of parity as called for by the sliding scales (exact level at the discretion of the Secretary), is mandatory to co-operators if marketing quotas have NOT been disapproved and if acreage allotments or marketing quotas are in effect. Fifty per cent of parity would be available to producers who comply with acreage allotments if voters disapprove marketing quotas. Not more than 90 per cent of parity nor less than the level of support between 75 and 90 per cent parity called for by the sliding scales (discretionary as before), is mandatory to co-operators if producers have NOT disapproved marketing quotas, and if no acreage allotments or marketing quotas are in effect.

"(In 1952 and after) Not more than 90 per cent of parity nor less than the level of support between 75 and 90 per cent of parity called for by the sliding scales (discretionary), is mandatory if producers have NOT disapproved marketing quotas. Fifty per cent of parity would be available to producers who comply with acreage allotments if producers disapprove marketing quotas.

"Tobacco—(In 1950 and after) 90 per cent of parity is mandatory to co-operators if marketing quotas are in effect, except that fire-cured tobacco will be supported at 75 per cent of burley rate and dark air-cured tobaccos, including Virginia sun-cured tobacco, will be supported at 66 2/3 per cent of the burley rate.

"No support will be available if producers disapprove marketing quotas. . . ."

"Other price-support provisions applicable to basic commodities:

"1. For the years 1950-53 inclusive, support prices for basic commodities will be based on parity prices calculated by the 'old' or 'new' parity formulas, whichever results in the higher price. It appears that use of the old formula will be more advantageous to producers of wheat, corn, cotton and peanuts, while use of the new formula will mean higher prices in the case of rice and tobacco. Beginning in 1954, only the new formula will be used. (Note: Old and new formulas, with comparative tables, will be printed in a later issue.)

"2. Price support for nonco-operators is discretionary with the Secretary of Agriculture at a level not in excess of the level for co-operators.

"3. Price support for co-operators outside the commercial corn-producing area is 75 per cent of the level of price support to co-operators in the commercial corn-producing area."

(Note: PMA's interpretation of the Act—the official interpretation—as to non-basics will be printed in a later issue. So you will want to save this article.)

A Sewing Aid

Fit a flat, thin board in a drawer of the sewing machine. Drive shingle nails thru the board, so points are on top side. This is a very good spool holder, keeping the thread from tangling.—R. H.

No Belt Trouble

There's a big V-belt manufacturer who has solved the problem of using your tractor to run your hammermill, feed grinder, ensilage cutter, pump or any other farm machine without any belt trouble. On some jobs, particularly in grinding feed, only half the time is required, according to satisfied users. If you would like further information on the subject, write to Kansas Farmer, Dept. RRM, Topeka, Kansas.

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Protect Your Motor
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ANY CAPACITY
300 TO 2500 GALLONS PER
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HOGS

KANSAS DUROC BREEDERS'



ASSOCIATION BRED SOW and FALL BOAR SALE

Tuesday, January 31

at the fair grounds
Manhattan, Kansas

40 Bred Sows — 10 Fall Boars

A show and judging contest will be held in the morning. Sale at 1 P. M. For catalog write

Lee J. Brewer, Manhattan, Kansas
Bert Powell, Auctioneer

SHEEHY'S ANNUAL DUROC BRED GILT SALE

Sale at the
Wetly Brothers Heated Sales Pavillion

Nevada, Mo. — Jan. 25

Selling 50 High Quality Bred Gilts

Most of the offering is sired by Missouri Blend and Eureka Ham. Bred to Enchanter Prince by the Enchanter, senior and reserve grand champion Missouri 1949. Diamond Way by Red Diamond 1st junior yearling boar Missouri 1949. Red Trend by Modern Trend. Three very good boars. These boars are mated to gilts with size and quality.

Write for catalog to
C. M. SHEEHY, Richards, Mo.

GOLDEN ANNIVERSARY SALE

Feb. 7, 1950

50 years breeding Durocs on the same farm. This is the 50th sale of 50 choice bred gilts. A few select boars. Write for catalog.

Vern V. Albrecht

Smith Center, Kan.

EXCELLENT DUROC GILTS

Sired by or bred to Super-Spotlight, Perfect Trend and Lo-Thickmaster. Many bred to Deet's King, 1st prize Jr. Spring Kansas State and Reserve Jr. some to Crusader Ace. These are suitable for herd improvement, Club Projects. High class feeders. Offer wonderful serviceable boars, fall pigs. Registered. Immured. Guaranteed to please. Prices reasonable. Write, phone, come.

G. M. SHEPHERD, Lyons, Kansas

REG. DUROC BRED GILTS

Also service boars. Uniformity unsurpassed. Probably best raised in nearly 50 years. Shipped on approval. Immured. Write or come. GRANDVIEW STOCK FARM, Americus, Kan.

SPLENDID DUROC GILTS

Sired by Modern Supreme, Nebraska champion boar. Others by Double Sensation, carrying the blood of the Colorado champion boar. These gilts are bred to the top son of He'll Do, a Spot Light bred boar. Also top serviceable boars.

B. M. HOOK & SON, Silver Lake, Kansas

ETHYLEDALE FARM

PRODUCTION
HAMPSHIRE

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

DALE SCHEEL
Emporia, Kan., Rt. 2

Try Konkel's Spotted Polands

For Sale—Spring and fall boars; bred sows and gilts; weanling pigs. Attractive prices and our tops. Inquire of
DALE KONKEL & SONS, Haviland, Kansas

YORKSHIRE GILTS

Sired by Nebraska grand champion bred back to another champion.
JESS L. THURMOND FARMS, R.F.D. 2
Florence Station, Omaha, Nebr.

Champion Carcass of the World

Our Yorkshire Barrow
Raise Yorkshires for less lard, larger litters. High winning herd of the breed. Illinois, Ohio and Maryland. Illustrated circular.
YALEHURST YORKSHIRE FARM, Peoria, Ill.

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7 MODELS—\$99 up

Greatest offer ever made by oldest and largest firm in the business. Made by men with the know-how. A model to fit your needs and your pocketbook. Endorsed by Conservation experts. Send for FREE details. Now in our 46th year.
OTTAWA MFG. CO., 1-011 Brush Ave., Ottawa, Kansas



Wilson Is Promoted

WITH retirement of Jesse R. Johnson as head of the Kansas Farmer livestock department, his successor will be Mike Wilson, according to an announcement by H. S. Blake, General Manager of Capper Publications, Inc. Mr. Wilson's appointment has been effective since January 1. He had been Mr. Johnson's assistant.

An Atchison county resident since infancy, "Mike," as all of his friends call him, has every qualification to ably fill Jess Johnson's shoes as livestock



Mike Wilson

editor and fieldman. Most of his life has been spent in raising purebred livestock and in later years counseling with livestock breeders. In fact, he traveled 30,000 miles during 1949 over the entire state of Kansas keeping track on what's going on in livestock circles.

Chronologically here are some of Mike's milestones: born in Everest, Kan., in 1910; educated in Atchison County Community High School after finishing the county's grade schools; became one of the first 4-H Club members in the county with an Angus heifer, his first project.

During his 7 years of 4-H Club work, he fed and exhibited several champion steers and heifers in county, state and national shows. Among his several prizes are 2 Master Feeding Awards in connection with the American Royal annual show in Kansas City.

His keen knowledge of all things livestock gained thru intimate acquaintance with breeds and breeders came in handy a few years ago when the Western Farm Life, published in Denver, Colo., offered him a job as fieldman to cover Kansas and other states for the publication's livestock department.

His warm friendliness and expert advice impressed so many breeders that when Kansas Farmer needed an assistant for Jesse Johnson, Mike was practically nominated to this position by these breeders themselves. That was early in 1946 and his present promotion has come in less than 4 years.

Mike's job, which he plans to handle singlehanded outside of his office in Topeka, will require more traveling than ever. He plans to personally contact a goodly number of Kansas Farmer's 500 livestock advertisers who live all over the state and who regularly co-operate with this publication.

While maintaining his office in Topeka—912 Kansas Avenue to be exact—Mike hopes to occasionally look over his 200-acre farm near Muscotah which is stocked with purebred Angus cattle, the beginning of which he traces directly to the same Angus heifer used in his first 4-H Club project.

For several years, Mike and Mrs. Wilson—Oh yes he's married with a son 9 years old—have lived in Muscotah with competent help running the Angus ranch. And what do his fellow citizens think of him? Well he's mayor and is serving his second term.

And his Muscotah friends will continue to see him regularly, since he hopes to get home week ends.

At the WARREN WOODY HEREFORD SALE, held in Kansas City, December 6, 11 states shared in this All-Larry offering. Bulls in this sale sold up to \$7,000. This figure was paid by Frank Jones & Jim Hering, of Rome and McGregor, Tex. Frank Christensen, of Chadron, Nebr., paid \$5,500 for the second top-selling bull. Frank Jones, of Rome, Tex., was the successful bidder on the top female in the sale when he paid \$2,800 for a cow with a baby bull calf

at foot. Second top on females was \$2,500 paid by Emadine Farms, of Breckenridge, Mo. Twenty-three bulls made an average of \$1,846; 31 females averaged \$1,061 and 54 lots averaged \$1,396. This was considered one of the very top Hereford sales held in 1949. Col. A. W. Thompson, assisted by Charles Corkle and Jewett Fulkerson, cried the sale.

We have just received a very friendly and interesting letter from MR. AND MRS. J. T. MORGAN, of Denmore. Among other interesting information is the report of having sold 6 Milking Shorthorn cows and 10 calves for the good price of \$5,000.

The fourth INTERNATIONAL HAMPSHIRE BRED EWE sale was held at Oskaloosa, Ia., on December 3. Thirty-four head were sold for an average of \$102. The top ewe sold for \$200 to Glen Armentrout, Norborne. A crowd estimated at 300 attended the sale.

The third NORTH AMERICA SUFFOLK BRED EWE sale was held at Oskaloosa, Ia., on December 3. Ninety head were sold for an average of \$130. The high-selling individual was consigned by Philip Rock, Alberta, Can., and was purchased by Verie Harden, Argusville, N. D. Around 500 were on hand to see them sell. The sheep were good and the average indicates a growing demand for this breed. Freddie Chandler was the auctioneer.

LESTER FREY & SONS, of Manhattan, have built one of the good herds of Jersey cattle in the state. A number of years ago they started with grade cows and have used registered bulls continuously since the herd was founded. They now have a number of registered cows in their herd. On November 25 this firm held an auction sale at the farm. At that time all of the grade cows were sold. Fifty-two head of cows and heifers were sold, making an average of \$212 per head. Wayne Bailey, of Manhattan, paid \$150 for the top-selling bull calf. George Robinson, of Emmett, paid \$420 for the top female. The weather was very much like spring and the attendance was more than had been expected. The cattle were presented in very good condition. Col. Bert Powell and Lawrence Welter, assisted by representatives of the livestock press, made the sale.

WALTER LEWIS, Larned, was re-elected president of the KANSAS POLLED HEREFORD BREEDERS' ASSOCIATION at the annual meeting of the organization's state show and sale December 12, at Hutchinson. John Luft, of LaCrosse, was named vice-president and Vic Roth, Hays, was selected for the triple position of secretary-treasurer and sale manager. Those serving on the board of directors are: the newly elected officers; N. L. Dingess, Hays, and Joe Maes, of Bushton. Other directors elected last year for 2- and 3-year terms are: Jesse Riffel, Enterprise; Allen Engler, Topeka; Wesley Walker, Fowler, and John Luft, LaCrosse. This organization selected March 13 for the association's first spring bull sale, to be held at Liberal. December 11 was chosen for their third annual show and sale. Larry Miller, of Denver, Colo., served as judge of the fine group of Polled Hereford cattle that were sold for an all-time high of the breed at an association sale.

Among the many fine letters recently received from livestock breeders over the state who have been and will continue to patronize the advertising columns of Kansas Farmer, is a 3-pager from my very dear friend, G. M. SHEPHERD, of Lyons. "Shep," the name taken on him many years ago, has been breeding registered Duroc hogs for over 40 years and knows every angle of the business from the time the herd sire and dam is selected until the pigs are farrowed and ready to be sold. His knowledge as a salesman and how to advertise is also tops. He knows and practices the science of breeding by the help of selected bloodlines for next to perfect results. Mr. Shepherd reports a good 1949 for the business but says he was a trifle long on boars, probably due to the sow and gilt shortage. Prices are a trifle low but so is feed. His advertising for private sales has proved a good and economical method of reaching buyers. His breeding stock can be found in many sections of Kansas, Illinois and Oklahoma. Some of the greatest boars of the breed have had their home on the Shepherd farm.

Something new in the livestock field occurred in Greensburg, November 22, when the first KANSAS QUARTER HORSE ASSOCIATION sale was held.

Most of the horses were sold to Western Kansas buyers, with only 3 buyers from other states. Events in connection with the auction included a banquet the day before the sale and a show of sale animals on the afternoon preceding the sale.

Top mare of the sale was Mickey Belle, consigned by the Elmer Wilson Estate, and purchased by Roy Evans, Dodge City, for \$1,000. Second-high price was \$710 paid by Mel Harper and Charles Davis, Sitka and Ashland, for Ginda May, also sold by the Elmer Wilson Estate. R. M. Farrington, Sawyer, paid \$700 for the mare Miss Joan, sold by G. T. Wilson, Jr. The 29 mares sold for an average of \$283.

Top stallion was the foal Tico C, consigned by Dan D. Casement and purchased at \$655 by A. R. Montgomery, Quinter. Next highest priced stallion was Sunny Chief at \$570. He was consigned by J. L. Hodges and sold to Ross Bentley. The 12 stallions averaged \$305 a head.

The sale was conducted by the Kansas Quarter Horse Association, of which Orville Burtis, Manhattan, is president. Hade Gupion, Greensburg, managed the sale. The sale committee consisted of Mel Harper and Charles Davis, and the screening committee consisted of Q. B. Demmitt, Meade, and Jim Caldwell, Amarillo, Tex. Hugh Bennett, Colorado Springs, judged the show and R. B. Cathcart, Manhattan, acted as ringmaster. Hank Welscamp, Alamosa, Colo., was auctioneer.



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Dairy CATTLE

AYRSHIRES

MOST PROFITABLE COWS

4%
MILK

Big Milkers
Good Grazers
Hardy Rustlers
Perfect Udders
Write for Booklets and List of
Breeders near you with Stock for sale
Ayrshire Breeders' Association
200 Center St., Brandon, Vt.



For Sale: Reg.
Brown Swiss Bull

Tulo Kay's Superior Boy

Born October 25, 1946

Outstanding sire and good disposition.

JOE RUDOLPH

Milford, Kansas

Phone 2222-13



WISCONSIN'S CHOICE

Registered Holstein, Brown Swiss, Guernsey heifer and bull calves. Also choice cows. Many from 500 lb. butterfat dams. Write or phone for prices and availability.

J. M. McFARLAND & SON
Watertown, Wisconsin

HOLSTEIN YEARLING BULL

For sale. Rag-Apple breeding. Well grown, fine individual, ready for service. Record sire and dam.

MOTT & KANDT, Herington, Kansas

BULL CALVES FOR SALE

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

H. A. DRESSLER, Lebo, Kan.

REGISTERED JERSEY BULLS

SERVICEABLE AGES



Every animal carries our personal guarantee of satisfaction. We can please your wants for a purebred Jersey bull at a reasonable price.

BROOKSIDE JERSEY FARM
Sylvia (Reno County), Kansas.

GUERNSEYS FOR SALE

Greenmead's King Pharoah, a proven sire; also a bred Heifer.

W. W. BABBIT

Oskaloosa, Kansas

REGISTERED GUERNSEYS

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

Dual-Purpose CATTLE

Milking Shorthorns

FOR SALE

Bulls to serviceable age, out of R.M. Dams. Mostly roans in color. \$75.00 to \$175.00.
J. E. EDIGER & SONS, Inman, Kan.
6 miles east and 3/4 south of Inman

MILKING BRED SHORTHORN

BULLS SERVICEABLE AGE

Dams records up to 355 lbs. butterfat as two-year-olds; also 3 five-year-old cows. Flintstone and Brookside breedings. Price \$9.00.
J. W. McFARLAND, Sterling, Kansas

OFFERING REGISTERED MILKING SHORTHORNS

Bulls of serviceable age, open and bred heifers and several young cows.

MINOR STALLARD, Onaga, Kan.

REG. MILKING SHORTHORNS

Two dark red Bulls, 15 months old. Sired by a bull classified "Excellent." Backed by high production. Also cows, heifers and bull calves.
ELMER KNACKS, Inman, Kan.
2 miles north, 1/4 west

OFFERING REGISTERED RED POLLED CATTLE

For Sale—good cows and heifers.
J. M. LYONS, Coffeyville, Kan.

Your Benevolences

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

120 POLLED SHORTHORNS

Cherry Hill Hallmark, Nonpareil and Hallmark 3rd—Herd Sires

New blood and of the best.

60 For Sale—Males, club calves, bred and open females. Some of all ages. Officially vaccinated. Guaranteed breeders. Also some show prospects. Prices right.

Location—we are 22 miles west and 6 miles south of Hutchinson, Kan.

J. C. BANBURY & SONS

Phone 13E2

Plevna, Kansas

The sale of the H. G. HEREFORD FARMS, owned by MR. AND MRS. HOWARD GROVER, held on their farm, 14 miles north of Colby, new, nicely arranged sale barn, which was to overflow capacity. This was their first and the offering consisted of 17 good registered bulls and 44 cows from 4 to 8 years old. The bulls brought a total of \$8,630 for an average of \$507; 44 females brought \$14,740 for an average of \$335, and the 61 head totaled \$23,370 for an average of \$383.

The day was clear but rather cold. The bidding was spirited and there were buyers from states. The top bull, HG Royalty 123, was bought by Stanley Nelson, Long Island, for \$900. The top cow, Lady Anxiety D., went to W. D. Dowell, Benkelman, Nebr., for \$500. The largest number of cattle going to one area went to two buyers, J. V. Severe, who bought cows, and Vergil W. Brown, who bought 6 cows. Col. E. T. Sherlock was the auctioneer.

Even South Central Kansas counties decided to send a director from each county to the association meetings of this Hereford group to their annual meetings and sale. This year the SOUTH CENTRAL KANSAS HEREFORD ASSOCIATION met at Newton for their election of officers and to hold their sale. New officers for coming years are: Harold Gingrass, Sedgwick, who succeeds Phil Adrian, of Moundridge; Jacobs, Newton, was elected secretary, and Adrian, Moundridge, was re-elected sale manager. This association has grown quite rapidly in the past year. The new secretary of the Kansas Hereford Association outlined plans of state association for the coming year at this time. The newly elected directors are as follows: Harold Gingrass, Harvey county; Howard Krehbiel, McPherson county; Boyd Walte, Riley county; I. K. Lygrisse, Sedgwick county; Harry Vaner, Marion county; Ray Rusk, Sumner county, and Frank R. Condel, Butler county.

November 8 was a rather chilly, windy day, but it did not keep buyers nor spectators away from the JESSE RIFFEL & SONS POOLED HEREFORD sale at the farm, near Enterprise. The sale this year was held in a new Quonset building recently erected on the Riffel farm. In the sale was completed buyers from 11 states had recorded their names on the clerk's list. The cattle sold in this offering found new homes in Kansas, Indiana, Maryland, Oklahoma, Mississippi, Iowa, Minnesota, Missouri, New Mexico, New York and Colorado. While the majority of the sale offering stayed in Kansas, the best single buyer was Mecca Ranches, Inc., Collins, Colo. This firm bought 8 head of cattle, including the top-selling female at \$900 and the second top-selling bull at \$4,000. On lot 4, PVF Advancemore 6th, was brought the ring, Mr. Riffel announced that he was having a one-half interest in this bull, since he

wished to use him in his own breeding program. Jim Riffel, of Junction City, made the final bid of \$6,050 on the bull. Thirteen bulls averaged \$1,537, 46 females averaged \$646, and all 59 head averaged \$842. Freddie Chandler, assisted by livestock fieldmen, made the sale.

A very useful set of Hereford cattle were sold in the production sale of HOWARD GROVER, owner of HG HEREFORD FARMS, of Colby, on December 7. Buyers were present from Kansas, Nebraska and Colorado. The cattle were in very attractive condition. The bulls carried a rather unusual amount of flesh but most of the females were in good breeding condition. Top on bulls for the day was \$900, paid by Stanley Nelson, of Long Island, Nebr., for a bull named HG Royalty 123rd. This bull was a 2-year-old son of TT Royalty 17th, the senior herd sire at the Grover Ranch. Willard Royer, of Arrington, paid \$875 for the second top-selling bull in the sale. Females were sold as high as \$500 per head. W. B. McDowell, of Benkelman, Nebr., paying that price for a cow with a baby bull calf at foot. The cow was a 5-year-old daughter of Real Prince 31st. Seventeen bulls averaged \$507; 44 females made a \$335 average, and 61 lots averaged \$383. Col. E. T. Sherlock made the sale.

The FOURTH ANNUAL SHOW AND SALE OF THE DICKINSON COUNTY HEREFORD BREEDERS held at Abilene, on November 19, drew buyers from a very wide territory. Cattle were sold to breeders in Kansas, Oklahoma, Mississippi and Maryland. The large number of the offering stayed in Kansas. George Riffel & Son, of Hope, consigned the top bull in this sale. C. S. Knutson, of Leon, was the purchaser at \$700. A price of \$750 was paid for the top-selling female by George Perry, Jr., of Hernando, Miss. She was also consigned by George Riffel & Son. The champion of the show and second top-selling female came from the consignment of T. L. Welsh, of Abilene. She was bought by Dwight Garber, of Abilene. Louis Kleinschmidt, of Hope, purchased the reserve champion female of the show at \$685. Mr. Kleinschmidt has bred and produced a number of the outstanding and top-selling females in this auction in past years. Hamilton James, assisted by the livestock fieldman, conducted the sale.

Public Sales of Livestock

Aberdeen-Angus Cattle
March 6—Penney & James, Hamilton, Mo. J. B. McCorkie, Sale Manager, Columbus, O.
March 21—U. S. Center Angus Association, Smith Center, Kan. Leonard Patman, Secretary.
April 5—Southeast Kansas Aberdeen-Angus Breeders' Association, Clarence Ericson, Sale Manager, Savonburg, Kan.
April 11—Mid-Kansas Breeders Sale, Hutchinson, Kan.
May 9—Sunflower Farms, Swartz, Brothers, Everest, Kan.
May 10—Krotz Stock Farms, Odell, Nebr. Sale at Marysville, Kan.

Guernsey Cattle
April 24—Missouri Breeders' Association, Columbia, Mo. H. A. Herman, Secretary, University of Missouri, Columbia, Mo.

Hereford Cattle
January 14—Sam Gibbs, Manchester, Sale at Clay Center, Kan.
February 4—Northeast Kansas Hereford Breeders' Association, Topeka, Kan. Elmer Becker, Sale Manager, Meriden.
February 6—Jasper Gibbs, Jetmore, Kan. Vic Roth, Sale Manager, Hays, Kan.
February 8—Kansas Hereford Breeders Range Bull Sale, Dodge City, Kan.
February 10—A. R. Schlickau & Sons, and Oliver Bros., Harper, Kan.
February 25—CK Ranch, Brookville, Kan.
March 6—Marshall County Breeders Association Sale, Marysville, Kan.

Shorthorn Cattle
March 12—Mid-Kansas Shorthorn Breeders Sale, Salina, Kan.
March 22—Central Kansas Shorthorn Breeders Sale, Hutchinson, Kan. Frank Leslie, Sale Manager, Hutchinson, Kan.
March 28—North Central Kansas Shorthorn Breeders Sale, Beloit, Kan. Ed Hedstrom, Sale Manager, Mankato, Kan.

Milking Shorthorn Cattle
April 11, 1950—Floyd O. Revert, Forgan, Okla. Roy Pauli, Sale Manager, Broken Arrow, Okla.

Polled Shorthorn Cattle
April 6—Kansas and Oklahoma Sale, Buffalo, Okla.

Chester White Hogs
February 24—H. Holle, Bremen, Kansas. Sale at Marysville, Kan.

Duroc Hogs
January 16—Harry Givens, Manhattan, Kan.
January 25—C. M. Sheehy, Richards, Mo. Sale at Nevada, Mo.
January 31—Kansas Duroc Progress Sale, Manhattan, Kan. Lee Brewer, Sale Manager.
February 1—Earl Martin & Son, DeKalb, Mo. Sale at South St. Joseph, Mo.
February 7—Vern V. Albrecht, Smith Center, Kan.
February 8—Weldon Miller, Norcatur, Kan.
February 25—North Central Kansas Duroc Sale, Belleville, Kan. Dr. George Wreath, Sale Manager, Belleville.

Hampshire Hogs
February 20—O'Bryan Ranch, Hiattville, Kan.
February 21—R. E. Bergsten & Sons, Randolph, Kan.

Poland China Hogs
February 13—Bauer Bros., Gladstone, Nebr. Sale at Fairbury, Nebr.

Sheep—All Breeds
June 23-24—Midwest Stud Ram Show and Sale, Sedalia, Mo. Rollo E. Singleton, Manager, Jefferson City, Mo., care of State Dept. of Agriculture.

Trend of the Markets

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

	Week Ago	Month Ago	Year Ago
Steers, Fed	\$35.00	\$30.00	\$31.50
Hogs	16.00	15.75	21.75
Lambs	23.00	21.50	24.50
Hens, 4 to 5 lbs.	.21	.20	.36
Eggs, Standards	.31	.38	.45½
Butterfat, No. 1	.57	.57	.63
Wheat, No. 2, Hard	2.26½	2.26	2.29½
Corn, No. 2, Yellow	1.26½	1.25	1.45
Oats, No. 2, White	.84	.80½	.90½
Barley, No. 2	1.13	1.16½	1.28
Alfalfa, No. 1	32.00	32.00	30.00
Prairie, No. 1	16.00	16.00	17.00

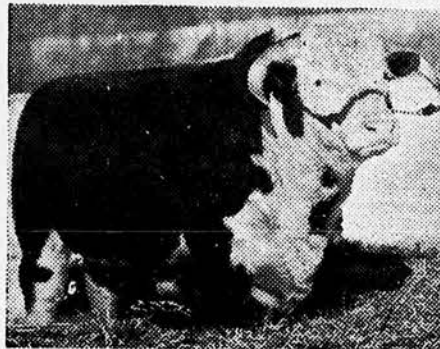
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Selling — 56 Females — 6 Bulls

- 24 Cows bred to Colorado Compress 57th, son of Compress Prince 38th, the former herd sire of Geo. D. Young, Simla, Colorado
- 9 3-year-old heifers bred to the 57th
- 10 2-year-old heifers bred to the 57th
- 13 heifer calves sired by the 57th
- 2 herd bulls, Colorado Compress 57th, No. 4924424, and Conqueror Domino 2d, No. 4952265
- 1 yearling bull sired by Prince Spartan, No. 4080039
- 3 bull calves sired by the 57th

The 24 brood cows are sired by Anxiety Brummel, 4862447; Real Prince D 18th, 2456808; Prince Spartan, 4080039, and Aster Jr. Mixer, 3631402.

The 9 3-year-old heifers are sired by Anxiety Brummel.

The 10 2-year-old heifers are sired by Aster Jr. Mixer and Prince Spartan.

ALSO SELLING 8 grade heifer calves sired by Colorado Compress 57th and Conqueror Domino 2d.

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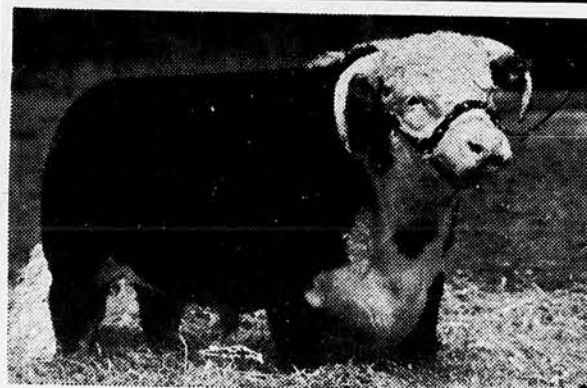
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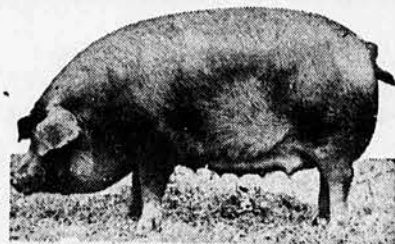
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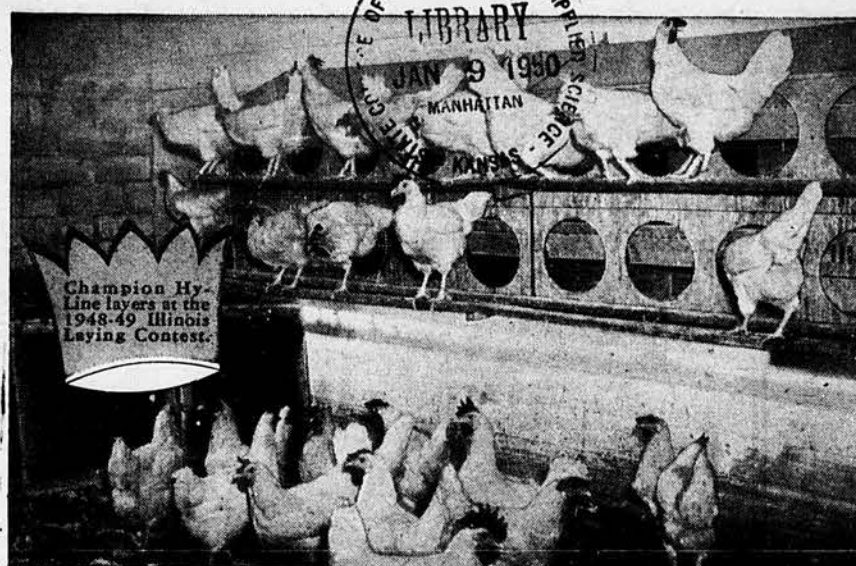


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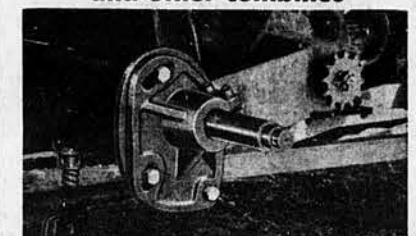
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Marketing Viewpoint

By H. M. Riley, Livestock; John H. McCoy, Feed Grains; Paul L. Kelley, Dairy Products; Joe W. Koudele, Poultry and Eggs.

Will there be money in sheep in 1950? I have a chance to buy some ewes that will lamb in February.—B. W.

Sheep numbers have declined continuously since 1942. Number of sheep in the United States is now at the lowest level since Civil War days. There is evidence the recent decline in numbers may be near an end since many ewes and ewe lambs are now being held back to build flocks. It will take several years to increase sheep production back to the 1942 level. Therefore, the outlook for a sound sheep enterprise would appear favorable for the next few years.

Production of spring lambs is an excellent sheep program for many sections of Kansas. Highest lamb prices usually occur in late spring (May). Lambs dropped in February should be pushed by creep-feeding so as to be on the market by June if possible. Lamb prices usually decline slightly in June, but it is still a fairly good market to head towards.

What are prospects for corn prices? —J. F.

Conditions now indicate the general trend in corn prices will be upward until summer. After that time prospects for the new crop will be a major factor. Some weakening in prices is likely shortly after the first of the new calendar year, but if this happens it probably will be temporary.

Most of this year's corn is of good keeping quality and apparently storage facilities are adequate. Prices have been substantially below loan levels since corn harvest. Selling has been light. Unless prices advance, large quantities will again go under support provisions. It is estimated the carry-over next October 1 will total about one billion bushels, most of which probably will be under the support program or in government ownership. The balance between demand and supply of free market corn during this crop year is expected to be fairly even. This indicates prices probably will reach higher levels later in the season.

What can we expect in the way of milk prices during January? —K. P.

At present both milk and butterfat prices are being supported by action of the government price support program. The new support program will be effective January 1. New support level will be virtually the same as the old support prices with seasonal adjustments. However, with increased supplies of milk, producer prices in city markets are likely to be lower for the rest of the winter and early spring. Milk production has already reached a seasonal low in many eastern milksheds and certain operators in Kansas are reporting that milk is beginning to be ample for their needs and they are expecting a slight surplus of milk in early spring months.

What are egg prices going to do early in 1950? —A. G.

According to the Bureau of Agricultural Economics in its latest analysis of the poultry and egg outlook the following prediction is made: "Prices in the spring of 1950 probably will be less than in 1949, not only because of the expected increase in production over the year before, but also because new agricultural legislation has made eggs a 'non-mandatory' commodity, for which even maximum support in 1950 will be at a point under the 1949 support level. Prices for 1950 egg futures, which are already being traded, reflect an expectation of lower prices."

Acres of Trees

Thirty-one Kansas counties participating in the PMA tree-planting program last year planted 267 acres of trees, with Stafford county topping the list, it is reported by the state PMA office.

The PMA program includes a payment of \$7.50 an acre, or 50 per cent of the cost, not to exceed \$10 an acre. Since the thirties, more than 3,300 acres have been planted under the PMA plan, it is claimed.

SAVE HOURS of WORK and WORRY WITH..

BERRY'S RUGGED as a MULE **AUSTRA-WHITES**
ORIGINATORS & WORLDS LARGEST PRODUCERS OF AND *Berigolds*

"NEVER HAD A CHICKEN THAT BROUGHT IN AS MUCH MONEY.. WITH AS LITTLE ATTENTION!"

"With so much work to do, a farmer needs ways to make life easier. We're no longer tied down to chicken houses since raising Berry's Austra-Whites. No more handling chickens like babies. We save hours of work every week. We've never had another chicken that brought in as much egg and poultry money with as little attention, and as economical for feed cost."—Mrs. T. L. Russell, Iowa.

Mrs. T. L. Russell, Iowa

STARTED PULLETS & COCKERELS 3 1/2 to 4 WKS. OLD



New Success! **BERIGOLDS**

A GOLDEN-WHITE ORIGINAL CROSS CHICKEN with GOLDEN YELLOW SKIN and LEGS. Eggs top most critical markets—broilers meeting with sensational acceptance by produce buyers. Write for details.

FAST REPLACING OLD-STYLE CHICKENS ON THOUSANDS OF FARMS!!

Already, single users have bought as high as 50,000 to over 350,000 of these chickens—of tomorrow. Why? The ANSWER is INTENSIFIED vigor and resistance to disease; INTENSIFIED growth; INTENSIFIED early maturity; INTENSIFIED yield of meat and eggs the year around.

WANTED! A chicken raiser in every community to prove that Berry's Austra-Whites will make big profits.

FREE! Just off the press—FARMER'S BOOK ON NEW-DAY CHICKEN RAISING, and catalog of 12 crosses and purebreds hatching daily at LOW FARM PRICES. By air or rail anywhere in U. S. Mail postal for your free copy.

GEORGE BERRY (WRITE EITHER ADDRESS) **ERNEST BERRY**
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CLASS WILL TELL

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Box KF, Junction City and Peabody, Kan.

COOPER'S REGISTERED CHICKS

INCREASE YOUR POULTRY PROFITS
30 YEARS Trapnesting, Breeding and Hatching profitable poultry is your assurance of profits when you buy COOPER'S REGISTERED CHICKS

10,000 R.O.P. BREEDERS USED
Cooper's REGISTERED Chicks are U. S. Approved Pullorum Passed. Chicks from 200 to 343 Egg Bloodlines produce high-production layers. Heavy breeds make 2 to 3-lb broilers in 7 weeks. Large Type White Leghorns are from 300 to 343 Egg Bloodlines.

300 TO 343 EGG

SPECIAL DISCOUNTS for early orders. Send today for Big Catalog.

HUTCHINSON FARM HATCHERY Box 308C Hutchinson, Kansas

SCHLICHTMAN'S EGG BRED CHICKS

English Type **WHITE LEGHORNS** ROCKS, REDS, WYANDOTTES, NEW HAMPS, AUSTRA-WHITES **\$10.90** Per 100 Poultry
Also Sexed and Started Chicks

FREE CATALOG explains 2-week replacement guarantee. U.S. Approved, U.S. Pullorum Passed. R. O. P. FOUNDATION BREEDING

SCHLICHTMAN HATCHERY, Appleton City, Mo.

RUSK STARTED PULLETS, CHICKS EARLY ORDER PRICES DOWN

In past 8 years alone, in U. S. Egg Laying Contests, the following winnings: in 7 contests, Highest Pen in its breed class, contested and uncontested. In 14 contests, Highest Hen in its breed class. Too many other egg laying winnings to list here, but given in free catalog. Rare and popular breeds, Austra-White, Hamp-Rocks, Hamp-Leghorns, the sensational new crossbreeds. Amazingly low prices. Catalog Free.

RUSK FARM, Box 2223-A, Windsor, Mo.

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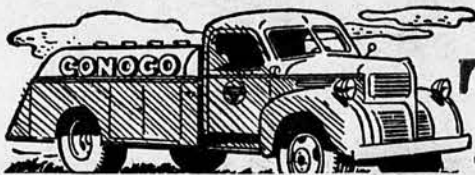
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PAY OUT OF INCOME

You can't buy a better Silo than a genuine Dodson "Red and White Top." NOW for only \$37.00 cash payment we will deliver it immediately. You pay the balance out of income. Enjoy your silo while you earn profits with cheaper feed costs!

GRASS SILAGE feeders are way out in front in saving feed costs. Send for new illuminating way to make more milk—more beef with alfalfa silage. GET READY EARLY. WRITE FOR DETAILS OF SILOS AND FARM BUILDINGS

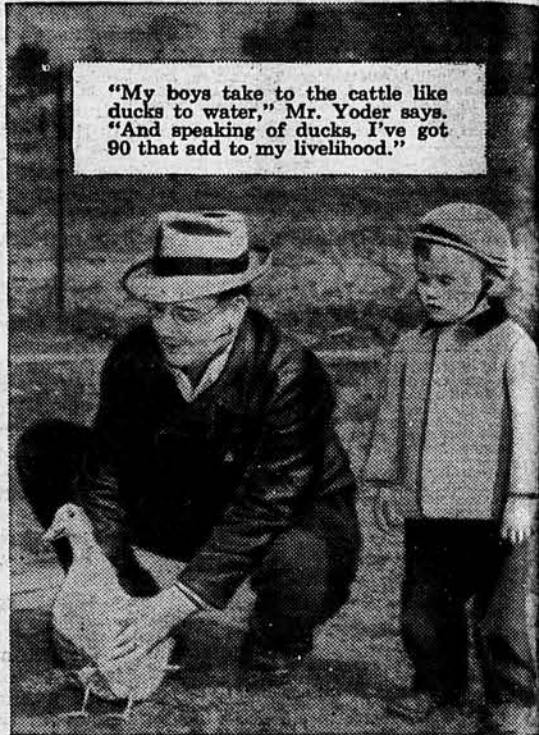
DODSON MFG. CO., INC. WICHITA and CONCORDIA KANSAS



The Tank Truck



Dan S. Yoder holds son, Kenneth, on the Guernsey while son Eugene keeps a proprietary hold on the rope.



"My boys take to the cattle like ducks to water," Mr. Yoder says. "And speaking of ducks, I've got 90 that add to my livelihood."

WHO Owns The Cow?

Dan S. Yoder's got himself a problem. It seems Mr. Yoder, who is a dairyman on RFD 2, Norfolk, Va., gave each of his two infant sons a calf. But now there's a question about who . . . but why not read his letter for yourself?

"I've got two boys who just naturally seem to take to my idea of a way to earn a living, even though they are youngsters," he writes. "Kenneth is 5 and Eugene is 3, yet each has his own calf which belongs to him and him alone. As

a result of this ownership, one of them even feels he owns the mother cow—on the basis that they both belong to the same family and therefore the owner of the calf should also own the cow!

"Dairy farming is my occupation, pastime, and hobby all rolled into one. It takes all the crops my 60 acres of land can produce to satisfy the appetites of my 17 cows, 16 heifers and one bull.

"In order to run my equipment and maintain the source of my livelihood, I just naturally insist on the best lubricants I can get, and after I started farming in 1943, I was sold completely on Conoco by J. H. Wood, the Conoco Agent in Norfolk, and I've been sold ever since.

"The one time I did try another product, I switched back to Conoco in a hurry. One of my brothers was leaving on a long trip and he had 10 gallons of another company's oil he didn't need. This was put out by one of the major oil companies as a premium oil, yet when I put it in my tractor, I had nothing but trouble until I drained it out—which was no long, I assure you, after I began to have difficulty. Among other things, it fouled up my plugs so badly I had to clean them to make the motor stop missing.

"I decided right quick to get it out and put Conoco Nth back in, and I haven't even tried another oil since. I'll stick with Conoco Products . . ."

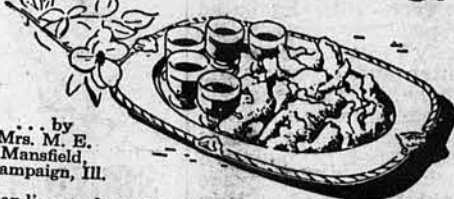
Borrows Nth, Buys It Thereafter



Geo. Sassman — Guadalupe County, Cibola, Tex. — is a neighborly man who was glad to lend a little oil to the man down the road. Here's how he tells it . . .

"I have used Conoco Nth Motor Oil for 8 years, and haven't spent a cent on repairs. My neighbor ran a little short of the brand of oil he was using while doing his planting and borrowed some Conoco Nth from me till he had time to go to town for more. Later, this same neighbor came back and wanted to know what kind of oil I had loaned him. Said that his equipment had never performed better. That's the power of your OIL-PLATING!"

French Fried Liver



... by Mrs. M. E. Mansfield, Champaign, Ill.

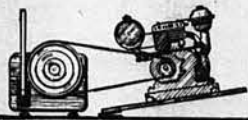
Clean liver and cut it in strips (as you would potatoes for french frying). Dip the liver strips in a beaten egg and then roll in a mixture of $\frac{1}{2}$ flour and $\frac{1}{2}$ cornmeal until well coated. Fry in deep fat. (The fat should be hot enough to brown a stale bread cube in 60 seconds.) Fry until golden brown—this does not take long. Remove from the deep fat and drain on paper toweling. Season with salt and pepper and serve with spicy tomato sauce. Dip liver into the sauce and eat with fingers.

Send your favorite recipes to Mrs. Annie Lee Wheeler, Conoco Cafeteria, Ponca City, Oklahoma. A \$7.50 pair of Wiss Pinking Shears awarded for every recipe published with your name. All recipes become property of Continental Oil Company.

FARM KITCHEN

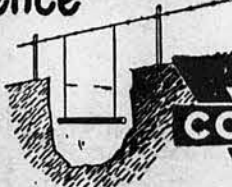
Gasoline Engine Base

Dallas D. Mattison, Red Cloud, Nebr., bolts his engine to a board hinged to platform with a house door hinge. Weight of engine keeps the belt tight, engine can be raised to put on belt, and pin can be removed from hinge to use engine somewhere else.



For Electric Fence

To cross a creek with an electric fence, Fred M. Hokum, R. 1, Lutesville, Mo., hangs a small pipe or iron rod from fence and finds cattle will never go through.



Rotates Crops But Not Oil

Henry Miller and his son, Albert, rotate the crops to the betterment of their soil—acres farmed in hay this year will be used for beets or beets next.

But there's no rotation of motor oil on the 800-acre cattle and feed ranch near Torrington, Wyo. "I have been using Conoco Products 100 per cent for 30 years," Mr. Miller says.

"I have used my McCormick-Deering since 1942 and never had a wrench on it. Right there has been a saving on repair bills that attribute to Conoco Nth Motor Oil, and that is why I recommend Conoco Products to other farmers.

"Another thing is the service offered by Conoco. The service from Conoco Agent H. C. Zilk (with Mr. Miller in picture above) is very good, and Larry Sandburg operates the best darned service station that can be found." And son, Albert, says, "I agree with Dad!"

PRIZES FOR IDEAS!

Send your original ideas to The Tank Truck in care of this paper—and get a genuine \$8 D-15 Henry Disston Hand Saw for every idea that's printed!



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