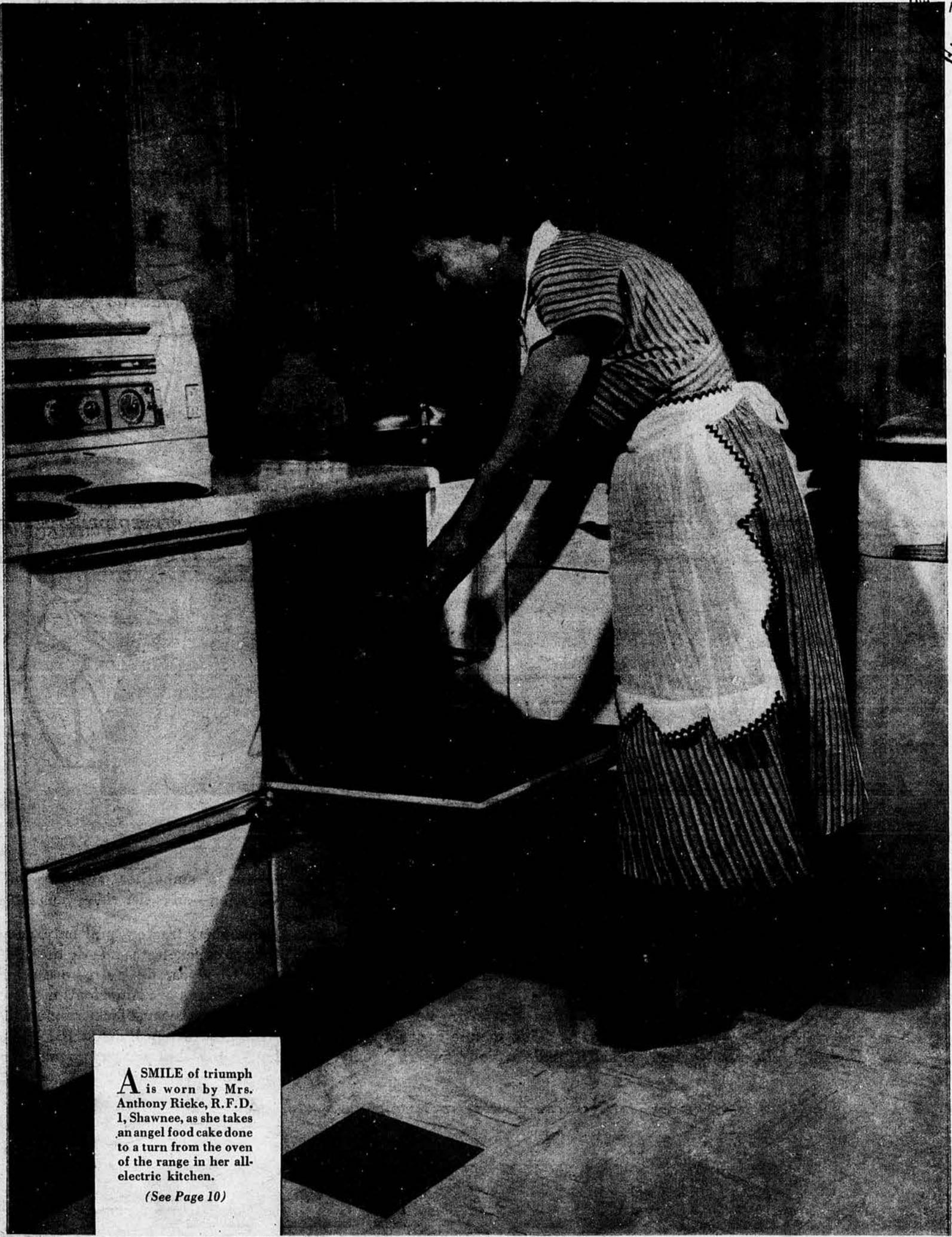


Kansas Farmer

CONTINUING MAIL & BREEZE

NOVEMBER 15, 1949

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A SMILE of triumph is worn by Mrs. Anthony Rieke, R.F.D. 1, Shawnee, as she takes an angel food cake done to a turn from the oven of the range in her all-electric kitchen.
 (See Page 10)

Baking --- Commonplace Miracle of the Electric Age

Here's the tractor tire most farmers want



In a recent Maine-to-California survey, farmers everywhere voted Goodyear SUPER-SURE-GRIPS as their first-choice tractor tire—for two important reasons.

1—Deeper soil penetration—greater pull. Goodyear's exclusive open center tread design gives lugs a deeper, wider bite. Goodyear lugs have no hooks, knobs or elbows to blunt their bite. They penetrate soil and sod *full-depth* and *full-length*—take

a firmer grip—exert a stronger pull—keep tractors working where other tires slip. *Twelve years' farm experience proves it!*

2—Balanced tread design—longer wear. Note, too, that the Goodyear open center tread lugs are *all* equal size and equal spaced—there are no "longs" and "shorts." This means every lug works equally, pulls equally, wears evenly. It

means a smoother, steadier pull—less vibration—an easier ride—plus longer life.

Remember, tractors pull only as well as their tires penetrate and grip the soil. That's why Goodyear o-p-e-n c-e-n-t-e-r SUPER-SURE-GRIPS are America's most wanted tractor tires because farmers know they give "the greatest pull on earth!" They last longer, too—but you pay no more for them.

We think you'll like "THE GREATEST STORY EVER TOLD"—Every Sunday—ABC Network

GOOD YEAR

Super-Sure-Grip Tractor Tires

Super-Sure-Grip—T.M. The Goodyear Tire & Rubber Company

Safety Winners

Dear Mr. Gilkeson: I want to express my sincere thanks for the lovely watch which I received from Kansas Farmer for my safety work.

I enjoy wearing it very much. It is certainly wonderful the interest you folks take in 4-H Club work.—Joyce Lauer, Manhattan.

Dear Mr. Gilkeson: I want to thank Kansas Farmer for the gold wrist watch awarded me for being the boy champion in the safety contest.

A good many of our friends and relatives happened to hear (over WIBW) of the award. They were surprised and happy for me.

I shall take good care of the watch and always be reminded of safety.

—George Winsler Karr, Girard.

Yields \$108 an Acre

Sweet clover grossed \$108 an acre this year for Vic Peters, Harvey county G.I. enrolled in veterans on-farm training. He had 25 acres of Madrid sweet clover that produced 9 bushels an acre. "That field made me more than 70 acres of wheat," he reports.

The clover was seeded with wide-spaced oats. Last June army worms were threatening to eat up the whole crop. It was sprayed by plane with Toxaphene which stopped the worms. Twenty-five hives of bees were working on the field at the time but there were no ill effects. The spraying was done late in evening, from 6:30 to sundown, when few bees were working. Spraying costs were \$2 an acre.

In addition to his own income on the field, Mr. Peters reports there were 3,000 pounds of honey produced on his sweet clover.

When harvesting the clover seed, Mr. Peters says he cut and swathed the crop at 3 o'clock in the morning to save a maximum amount of the seed. It was combined about 2 days after swathing.

The field was disked and seeded to wheat in fall.

Baseball Fan

The 1949 World Series, won by the Yankees in 5 games, had a special interest for Wilbur Duitsman, Brown county agent. Before the war Duitsman played center field on a Flint, Mich., team. He had a 315 batting average his first year, 310 the second. Who do you think played the other field positions? In left was Gene Woodling. In right, Cliff Mapes. And both of those boys got a slice of the World Series this year playing those positions with the Yanks.

It was the war that stopped Duitsman in baseball. He decided he was too old for the big-time when released from service. He could coach a good farm boy team.

Senator Capper on Radio

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

KANSAS FARMER

Continuing Mail & Breeze

Topeka, Kansas

Vol. 86, No. 22

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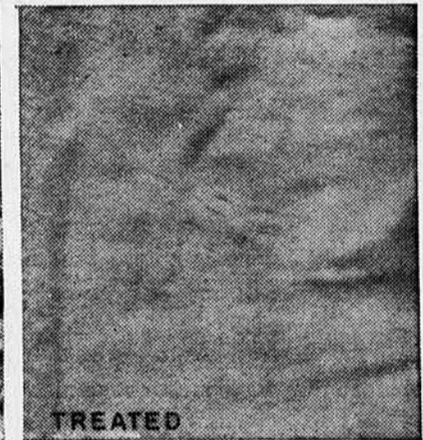
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1 BIGGER ROLE FOR TURKEY—USDA research shows good ways to cook large turkeys divided into halves, quarters, cut-ups, steaks. Directions for these newer, handy forms are among features in a booklet, "Turkey on the Table the Year Round," free from USDA.

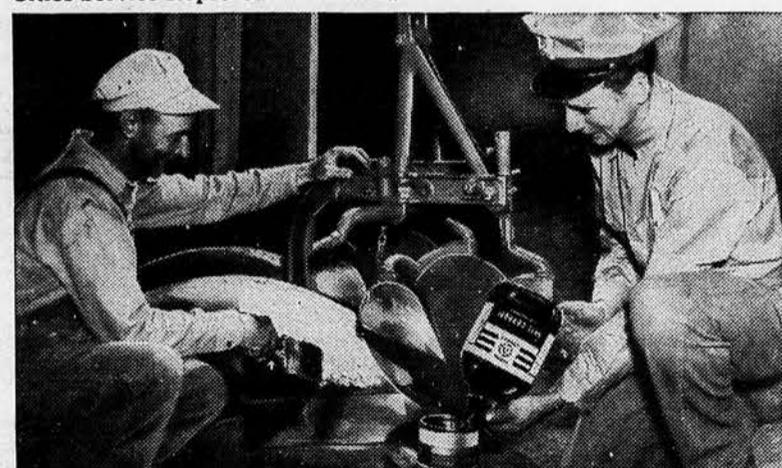


2 NEW COTTON BAGS KEEP OUT INSECTS—USDA tests show that experimental bags made with insecticide-treated cotton yarn protect flour and other products from insects that enter ordinary bags and lay eggs. (Picture on left shows larvae and webbing inside bag infested by flour moth.)



3 USDA BUTCHERING NEWS—The above illustration shows how the USDA recommends cutting up a hog carcass. (a) Ham; (b) loin; (c) bacon strip; (d) shoulder; (e) head; (f) feet. Trim all cuts closely using lean for sausage, fat for lard. Write USDA for F. B. 1186.

4 HEAT AND CORROSION RESISTANT MOTOR OIL—Cities Service Premium Trojan Motor Oil fights engine injury caused by heat and acidic corrosion. Also fights harmful sludge and varnish in engines. Your Cities Service Representative has it.



5 REMOVE AND PREVENT RUST—Clean rust from farm equipment with Cities Service Rust Remover; fast, easy action. Prevent future rust with Cities Service Anti-Corrode. Dip or brush applied. Get both from Cities Service farm representative.

CITIES SERVICE

QUALITY PETROLEUM PRODUCTS

Accessories for the farm



At Left: This picture gives a very good idea of how phosphate and nitrogen produced normal oats and red clover on both sides of the unfertilized area.

Below: Here Mr. Walters shows how phosphate and nitrogen applied to poorest soil area produce normal stand of oats and red clover. Compare with weak plants in unfertilized drill rows to his right.



Legumes Need Nitrogen, Too!

By Dick Mann

EVERY farmer knows that using a strong legume in the crop rotation will build up nitrogen in the soil for following crops. But everyone doesn't know that clover and alfalfa crops may starve for lack of nitrogen, too, before they have a chance to manufacture their own.

In Miami county, farmers co-operating with the Soil Conservation Service started using nitrogen on legumes 3 years ago when they were unsuccessful in establishing stands without this help. They had been liming and phosphating for some time, but seedings of legumes still were uncertain and very often failures. On

some farms it was impossible to get legume stands even when weather conditions seemed most favorable.

"But, it turned out to be nothing but nitrogen starvation," reports Sam Hertha, work-unit conservationist. "We had seen lots of legume stands come up, then die for some unknown reason. Failure seems to have been due to lack of nitrogen. Farmers in this county have found now that good legume stands can be obtained in almost any kind of season by proper use of nitrogen in addition to lime and phosphate.

"Nitrogen will help legume seedings in either wet or dry years," Mr. Hertha continues. "In

1948, we had drouth conditions in late May and early June. About 80 per cent of the legume seedings in Miami county were lost. Those that came thru were seeded on land where strong legumes had been grown recently, or where nitrogen was applied early enough in spring to insure a rapid and sturdy root growth. This gave plants a chance to overcome the lack of moisture later.

"This year, 1949, we had a wet spring. Sweet clover grew too tall in some cases but, in general, applications of nitrogen to legume seedings gave enough quick, early growth so they could compete with [Continued on Page 26]

Below: This unfertilized drill width of oats and red clover on the Alfred Walters farm, Miami county, shows how fertility of soil runs from poor to good after being leveled to fill 7 draws. Mr. Walters points to normal oats where soil fertility is high, compared to area in foreground where top soil was scraped off.



Above: This is a stand of spring-seeded alfalfa in wide-spaced oats on the Alfred Knocke farm, Miami county. The alfalfa stand was assured by application of 100 pounds of 45 per cent phosphate and 70 pounds of 33 per cent nitrogen an acre.

Farm Matters

AS I SEE THEM

KANSAS lost a distinguished and outstandingly useful citizen and leader last week when a heart attack ended the eventful and turbulent career of Senator Clyde M. Reed, of Parsons.

Clyde Reed, who came up the hard way, and who carried much of that hardness with him thru his turbulent lifetime, was an outstanding example of what some fear is a vanishing type in American life—vanishing not only from public life, but also from nearly all walks of life.

Senator Reed was what you might call a "rugged individualist."

Primarily he was a fighter, and not afraid to be a lone fighter. He fought his way up in the railway mail service, from mail clerk to top executive positions. During the last half of his 2 decades in the railway mail service he was known as the "trouble-shooting" superintendent. When a division was not functioning as it should, Clyde Reed was transferred to it as superintendent, and in every case brought order out of what sometimes almost amounted to chaos. He was rough and tough, but square and just, in his dealings with the public, with the men under him—and with those over him.

It seemed to me that Fred Brinkerhoff, of the Pittsburg Headlight, whom I heard deliver the eloquent eulogy on his long-time friend at the funeral services at Parsons, summarized it well when he said:

"Clyde M. Reed is absent, on leave. Clyde M. Reed, the most romantic political leader of his generation in Kansas; the most colorful warrior in the battles of the ballot by means of which democracy chooses its spokesmen and defines its course; the statesman of profound mind, restless energy and rugged honesty—the man unafraid."

Clyde Reed, my colleague in the Senate during the last decade of my 30 years of service in that body—and one of my successors as Governor of Kansas—was a tried and true, and effective, friend of the Kansas farmer. Especially qualified in the field of transportation, he led 2 successful fights before the Interstate Commerce Commission for lower and more equitable freight rates on grain. He saved Kansas farmers millions of dollars in freight charges; other millions in other states in the Southwest.

But Senator Reed was not what used to be termed a "railroad baiter." Some of his outstanding work in the Senate was accomplished as a member of the Interstate and Foreign Commerce committee, where he succeeded in getting enacted into law many amendments to the Transportation Act to correct inequities that had proved heavy burdens on the railroads of the Nation. Before the end of his first session in the Senate, he was recognized as the authority on railroad legislation, in both House and Senate.

During the last 2 Congresses, Senator Reed was teamed up with Senators Byrd, of Virginia, and Ferguson, of Michigan, in the Senate Appropriations Committee in a campaign to reduce government expenditures. They had the backing of like-minded senators, including myself and my successor, Andrew J. Schoepel, of Ness City and Wichita.

In the recent session of the Eighty-first Con-

gress it looked as if they would succeed in pushing thru an economy program that would have cut federal expenditures by something like a billion dollars under the budget estimates. Then President Truman threw "Russia has the atomic bomb" into the arena just before final action on the military bills—national defense and foreign military aid—and the economy drive was over. I have no doubt that the grueling work on the appropriations committee, coupled with the disappointment at seeing the results of months of days and nights of careful and exhausting toil vanish almost overnight, contributed to the heart failure that ended the career of a truly great Kansan.

We need more Clyde Reeds in American public life.

My personal relations with him always were of the friendliest. We did not always agree. I know of no one who could always agree with Clyde Reed. But when we were in disagreement, he went his way and I went my way, each respecting the other's right to hold his own views.

I believe Clyde M. Reed's stature will grow in Kansas' esteem as time softens the sharp edges of resentments created by his cocksureness of always being right and his opposition always being wrong. He lived a long and useful life, and Kansas will long remember him with respect.

Don't Take a Chance

I AM very proud of the Kansas farm-safety winners for 1949. There are two individual winners—Joyce Lauer, of Abilene, and George W. Karr, of Girard. It was a real pleasure to me to present each one with a valuable gold watch as a token of excellent work done. Then there was a club championship, won this year by the Corn Valley 4-H Club, of Stafford county. My hearty congratulations to the 26 members of this outstanding club, and to their leaders.

We hear a great deal about farm accidents. Too often, as with other tragedies, people feel it can't happen to them. These safety winners, however, are the type who are not going to take any chances. They hunt out accident traps, get rid of them, or mark them so folks are fully warned about them.

Instead of giving you a lot of figures about how many serious farm accidents there are, I am going to tell you how the Corn Valley 4-H Club, of Stafford county, and how Joyce Lauer and George Karr carried on their winning fights against farm accidents.

Let's start with the Corn Valley 4-H Club. These 26 folks have been working on safety since 1941. Their safety record for 1949 includes a pattern more clubs and more individuals could follow with good results.

The club had a talk or demonstration on safety at each 4-H meeting. On club tours each driver practiced observing correct hand signals. A public community safety program was advertised in the local paper and held at the school building. Featured guests were highway patrolmen. A radio safety program was given during National Farm Safety Week.

Five demonstrations on safety were featured in contests this year. One of these was "polished up," as the members say, and presented at the Kansas State Fair, in Hutchinson.

I think this is interesting. Exactly 5½ tons of paper were collected on one scrap drive to remove fire hazards. Two films on farm safety were shown during the year at community meetings.

Several club members have made the rugs non-skid in their homes by sewing on jar rubbers. One blind corner where a road leads to a highway was cleared after a minor accident occurred. The club built a safety booth and showed it at the county fair.

There you have the report I received about the activities of the Corn Valley 4-H Club, of Stafford county. Now let's see what our individual winners did.

Joyce Lauer, of Dickinson county, did such good work her records were selected to represent Kansas in the National Club Congress competition late this month at Chicago. She has done safety work 4 years. During her first year as chairman of the safety committee she saw to it that all cellar steps in club homes were repainted white. Also, every member fixed a well-equipped medicine cabinet and installed it in their homes. A list of first-aid hints, including what to do for burns, choking, fainting, for stings and insect bites, for convulsions, and for bleeding, was given each family for posting inside the medicine-cabinet door.

For personal work Joyce took it as her responsibility to keep the home, yard and farm buildings free of hazards.

Her club as a group cleaned off a bad corner near the little town where they meet. She was chairman of plans for the safety booth which won a grand championship at the county fair last year, and another which placed champion this year. Window displays were made in town, and Joyce wrote and coached a demonstration for 2 boys on making a homemade first-aid kit.

George Karr, Crawford county, obtained copies of the new Kansas Driver's Handbook and presented one to each member of his club, also urged the county council to do the same for all club members in the county. During each of his 4 years of club work he has made some kind of safety demonstration. He has practiced safety in his home and has helped members of his family in every way to avoid accidents. He installed a yard light, painted flagstones along the walk, carried a personal first-aid kit when hunting and fishing.

There we have a partial record of things accomplished by our farm-safety winners for 1949. A list that could be followed with life-saving success in every club and community.

As a matter of fact, I know safety was practiced this year by many other 4-H Club members, and by farm folks generally. Perhaps you other folks didn't receive prizes. But it is quite likely you helped save a life. Isn't that a grand championship award?

Arthur Capper

Topeka.

What Experts Say About Farm Prices

GUEST writers this issue are the experts in the U. S. Department of Agriculture who got out the 1950 outlook issue of "The Farm Income Situation."

Here is their combined estimate of the 1950 outlook, and 1949 record:

"Gross farm income in 1949 will be down about 16 per cent from last year's record high. Production expenses are only slightly lower, however. Farmers'

realized net income (1949) will be about 16 per cent less than last year, and more than a fifth (20 per cent) below the 1947 peak.

"Further declines in both gross and net income are expected during 1950, perhaps by percentages not greatly dif-

ferent from those indicated for this year.

"Such a decline would bring net farm income about a third below its 1947 record high. But it would still be more than double its 1935-39 average."

However, in this connection, pur-

chasing power of the 1950 dollar promises to be only about half that of 1935-39 dollar. And the tax take from 1950 incomes is many times greater than back in 1939; chickens from the New Deal-Fair Deal mating are coming home to roost.

Getting back to the 1950 outlook issue:

Farmers' cash receipts from market-
(Continued on Page 27)

Fourth Midwest Conference At Topeka December 1 and 2

THURSDAY and Friday, December 1 and 2. Those are the dates of the Fourth Annual Midwest Farm, Home and Industrial Conference to be held in the Topeka Municipal Auditorium. This conference is sponsored by the Topeka Chamber of Commerce cooperating with the Kansas State College Extension service.

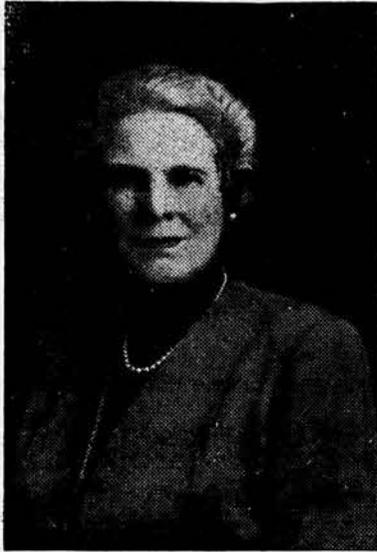
Registration begins at 9 o'clock in the morning of the first day. And at 10 o'clock, according to John O. Miller, Topeka Chamber of Commerce agricultural commissioner, the program swings into high gear with two sections, one on agriculture, the other on home economics.

First speaker in the agricultural section will be R. I. Throckmorton, dean of agriculture at Kansas State College. His subject will be "Problems Facing Kansas Agriculture."

A panel discussion on "Practical Uses of Machinery and Electrical Equipment on Farms," will follow the keynote address. Panel leader is John M. Ferguson, Extension engineer, Kansas State College. Panel members include H. S. Hinrichs, director of rural development, Kansas Power and Light Co., Topeka; John B. McCormick, supervisor of sales, J. I. Case Co., Kansas City, Mo.; R. L. Rawlins, extension agricultural economist, Kansas State College; L. H. Spears, farmer, Rossville; Harold Kugler, agricultural engineer, Kansas State College; Preston O. Hale, Shawnee county agent.

Also at 10 o'clock the first morning there will be a home economics meeting. Presiding will be Arliss Honstead, Jackson county home demonstration agent. First on this program will be a discussion of "New Trends in Textiles," led by Prof. Alpha Latzke, head of clothing and textiles department, Kansas State College. Then at 11 o'clock John F. Helm, architect, Kansas State College, will discuss, "Art in the Home."

Presiding at the luncheon for home demonstration agents at noon the first



Mrs. David Simms, Hastings, Nebr.,
Homemaker, Lecturer, Traveler.



L. C. Williams, Dean of Extension, Kansas State College.

discussion of local industrial management problems, led by Leland S. Hobson, assistant director, engineering experiment station, Kansas State College.

The farmers' stag supper and program is scheduled for 6:30 o'clock in the evening of the first day in the basement of the Topeka municipal auditorium. This dinner is being given by Capper Publications, Topeka. Tickets may be obtained from your county agent. Speaker for this stag supper will be Willard Mayberry, Elkhart publisher and nationally-known after dinner speaker.

Entertainment will be supplied by WIBW radio station. The panel discussion following the supper will center about the theme, "Where to Kansas Agriculture." Panel leader will be Henry S. Blake, general manager of Capper Publications. Panel members include George Montgomery, head department of agricultural economics, Kansas State College; L. E. Willoughby, crops and soils specialist, Kansas State College; Charles Topping, farmer, Lawrence; Wayne Rogler, rancher, Matfield Green; A. D. Weber, head department of animal husbandry, Kansas State College; John Ferguson, Extension agriculture engineer, Kansas State College; Mike O'Neill, Firestone Tire and Rubber Co., Akron, Ohio; F. C. Fontaine, dairy department, Kansas State College; Kling Anderson, grass experiments, Kansas State College; J. S. Anderson, dairyman, Oneida; John B. McCormick, J. I. Case Co., Kansas City, Mo.

Rural Youth Party

At 8 o'clock the first evening the Shawnee county Rural Life group will be hosts at the Rural Youth party and dance.

Registration the second day will be from 9 until 10 o'clock in the morning, when sectional meetings for agriculture and home economics are scheduled to begin. Program for the agricultural section will start with a talk by L. C. Williams, dean of Extension, Kansas State College. His subject will be "Use Your State Agricultural College." Then



R. I. Throckmorton, Dean of Agriculture,
Kansas State College.



H. E. Myers, Head of Agronomy, Kansas State College.

at 10:30 o'clock the agricultural section will divide into 2 panel discussions.

One panel discussion will be centered about "Practical Solutions to Livestock Problems," led by A. D. Weber, Kansas State College. Panel members include Lee J. Brewer, Riley county agent; F. E. Carpenter, Vocational Agriculture instructor, Highland Park high school, Topeka; Wayne Rogler, Matfield Green; Merrill Werts, agricultural service department, John Morrill and Co., Topeka; Glenn Pickett, state livestock sanitary commissioner, Topeka.

The second panel discussion, also at 10:30 o'clock will be about "Practical Solutions to Dairy Problems," led by E. Ralph Bonewitz, Extension dairyman, Kansas State College. Panel members include W. W. Duitsman, Brown county agent; S. S. Bergsma, Vocational Agriculture instructor, Ottawa; Thomas Benton, dairyman, Olathe; J. S. Anderson, dairyman, Oneida; Ray Stover, dairyman, Robinson.

Special Program for Women

Mrs. Mary Ziegler, Shawnee county home demonstration agent, will preside at the home economics section meeting at 10 o'clock the same morning. "Books in Character Building," will be discussed by Mrs. Leita Craig, Boys Industrial School staff, Topeka.

At 10:30, "What is New in Education," will be discussed by L. W. Brooks, state text book commissioner, Topeka. Then at 11 o'clock there will be a panel discussion of the "Kansas Health Picture." Panel leader will be Mrs. Vern Alden, Wellsville, president of the Kansas home demonstration council. Members of the panel will include Dr. F. C. Beelman, executive secretary, State Board of Health; G. Clay Baker, attorney, Topeka; Dr. Franklin D. Murphy, dean school of medicine, University of Kansas, and Dr. Henry S. Blake, Topeka physician.

At noon there will be a home economics advisory committee luncheon, also a crop improvement luncheon. Presiding at the latter will be L. L. Compton, secretary, Kansas Crop Improvement Association, Manhattan. Speaker will be L. E. Willoughby, crops and soils specialist. Mrs. O. B. Burtis, Manhattan, home demonstration council historian, will preside at the luncheon for the ladies.

At 1:30 o'clock the second afternoon there will be a general assembly in the

main arena of the auditorium, with words of welcome by Joe M. White, chairman of the agricultural service division, Topeka Chamber of Commerce. The address will be presented by Mrs. David Simms, Hastings, Nebr. Mrs. Simms is a widely-known homemaker, traveler and lecturer. She appeared on the conference program 3 years ago. Her extensive experiences as a traveler form the background for her interesting and informative observations.

Final sectional meetings of the 2-day conference begin at 2:30 o'clock in the afternoon, with sections for agriculture, home economics and industry.

The panel discussion in the agriculture section will be about "Practical Solutions to Soils and Crops Problems,"

Heads Soils Society

Dr. Harold E. Myers, head of the agronomy department, Kansas State College, has been elected president of the Soils Science Society of America. He will preside at the organization's 15th annual meeting next year in Cincinnati. With other members of the agronomy staff, he recently attended the national agronomy meetings at Milwaukee.

led by Harold E. Myers, head of agronomy, Kansas State College. Panel members include George L. McCall, agronomy department, Kansas State College; W. R. Essick, Vocational Agriculture instructor, Lawrence; E. E. Ferguson, farmer, Valley Falls; Russell C. Klotz, Jefferson county agent; Henry Schmitz, soil conservation service, Ottawa.

Presiding at the home economics section at 2:30 the second afternoon will be Mrs. Hugh Needham, eastern district vice-president, Kansas home demonstration council, of Muscotah. Standard of Excellent Awards will be presented during this meeting by the chairmen of the county home economics advisory committees.

Industrial films, "The Story of Willow Run," "Material Handling Methods," and "The Price of Freedom," will be shown at the industrial section.



H. S. Hinrichs, Kansas Power & Light Co., Topeka.

day will be Mrs. Winona Starkey, Franklin county home demonstration agent.

Then at 1:30 o'clock in the afternoon there will be a general assembly with a welcome by Phil Gibson, president, Topeka Chamber of Commerce, to be followed with an address by Mike O'Neill, in charge of dealer relations, Firestone Tire and Rubber Co., Akron, Ohio.

At 2:30 o'clock the first afternoon there will be a joint sectional meeting for agriculture and home economics departments. The panel discussion will be centered about "Farm Building, Remodeling and Beautification," led by Leo T. Wendling, Extension engineer, Kansas State College. Panel members include F. O. Wolfenbarger, president, Kansas Chapter American Institute of Architects; L. R. Quinlan, landscape architect, Kansas State College; Mrs. Grover Poole, homemaker, Geary county; Anna G. Caughron, home demonstration agent, Lyon county; Vera Ellithorpe, Extension home management specialist, Kansas State College; Harvey E. Goertz, Pottawatomie county agent.

The sectional meeting for industry also will be at 2:30 o'clock the first afternoon. There will be a roundtable dis-



A. D. Weber, Head of Animal Husbandry,
Kansas State College.



George Montgomery, Head of Agricultural Economics,
Kansas State College.

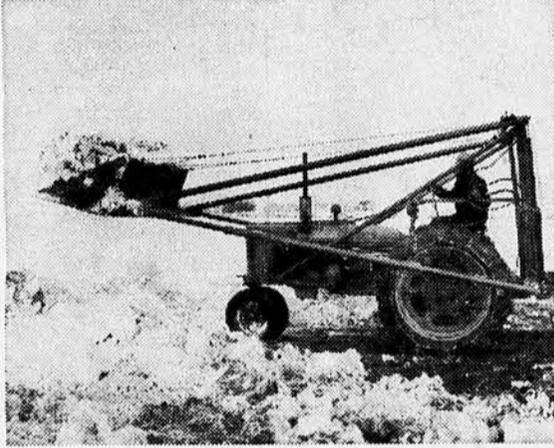


"No more winter troubles for me like the Blizzard of '49... I'm getting a new '50 FARMHAND LOADER!"

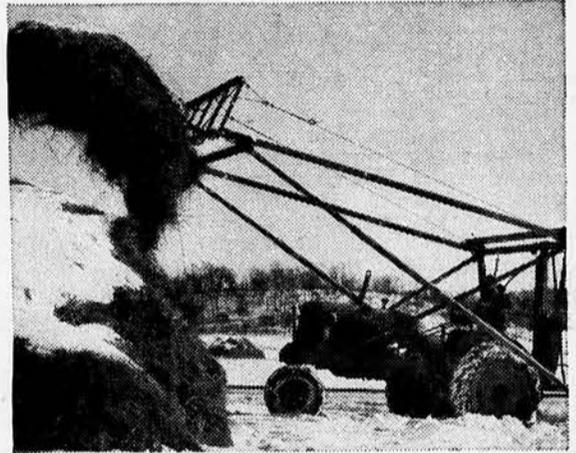
Get the facts about this great FARMHAND "Winter-Package" ... '50 Loader, Snow Scoop, Grapple Fork, V-Plow



FROZEN, STARVED TO DEATH! A sickening sight that happened on thousands of ranches and farms during last year's terrible winter. And so unnecessarily, in many cases! High-reach, super-lift FARMHAND Hydraulic Loaders saved many a herd from death after the big blizzards. Can YOU afford to be without this great winter worker on your farm?



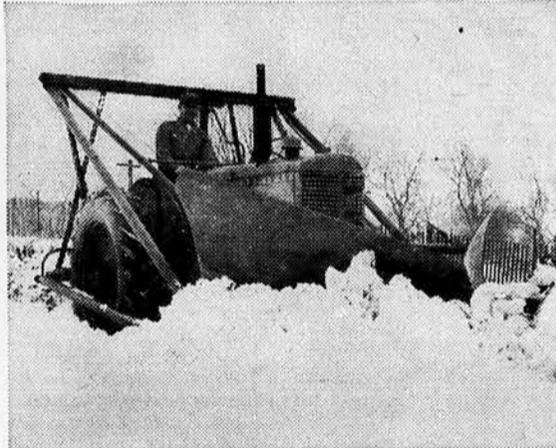
CLEAR THOSE FEED LOTS! Your power-packed FARMHAND Loader with Snow Scoop Attachment eats through huge piles of drifted snow ... doesn't just push it around, but picks it up and piles it high out of the way! Quickly opens paths to feed for snowbound stock ... and in emergencies a sling attached to your loader will lift a live heifer!



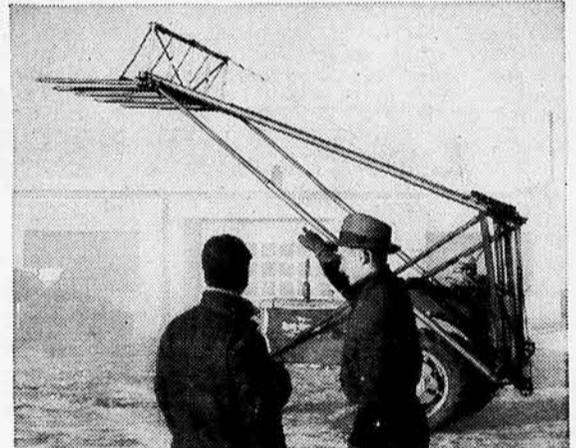
BREAK FROZEN STACKS? It's a cinch with your FARMHAND. Bites deep into the frozen mass ... pries big loads loose with "Wrist-Action" efficiency. No other loader can match FARMHAND's amazing 3,000 lb. lift and 21-foot reach. With your FARMHAND clearing the way and carrying hay, when stock can't reach feed you bring feed to them!



LOOK AT THAT LIFT! Fit FARMHAND's new Grapple Fork Attachment to your loader and you'll carry giant loads with complete steadiness and stability. Sharp tines, under hydraulic control, pin load to fork, hold it firmly at top, prevent dropping or blowing. Enables you to pick up a half-ton of hay at a "bite" and carry it to hungry stock.



SNOWBOUND? GET A FARMHAND! This husky V-Plow Attachment rips through clogged roads where other plows won't... knocks off tops of drifts... never gets hung up... lifts easily over obstructions. Mounts easily on your loader, like all interchangeable FARMHAND attachments. Farmers earn up to \$35 a day clearing roads with FARMHAND!



DON'T DELAY! Farmers begged for their FARMHAND attachments last winter when we couldn't fill the demand. See your FARMHAND Dealer now about his special "Winter Package" ... a new, improved '50 Loader with new V-Plow, Grapple Fork and Snow Scoop. You'll save money by ordering now ... and you'll be glad you bought early!

The new FARMHAND Hydraulic Loader for 1950... with 6 great improvements

- 1 Constant leveling of attachments in all positions.
- 2 New style pump with Power Take-off projecting through back for driving other implements.
- 3 Spring back-stops to hold attachments positively in any position, without loss of FARMHAND's famous "Wrist-Action" flexibility.
- 4 All attachments of the quick-mounting variety.
- 5 Positive device to prevent attachments going over center.
- 6 New Full-Width Manure Fork, cleans full width of tractor.



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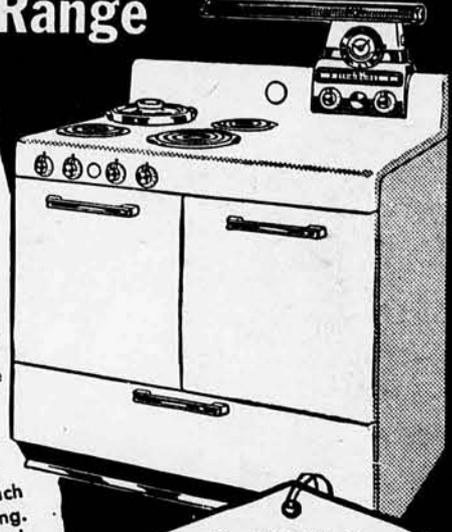
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The 3-Yolk Egg Club

Dear Editor: I saw in Kansas Farmer your item about the 3-yolk egg. About 4 years ago I broke open an unusually large egg and it contained 3 perfect yolks. It was the production of a White Leghorn hen. Guess we'll have to organize a 3-yolk club. I'm eager to hear how many others are to report one.—Mrs. Joe Slothower, Osborne.

yolk eggs. Last week I got my first triplet or 3-yolk egg from Austra-Whites hens. They were normal size, too.—Mrs. Ralph Cope, Franklin county.

Dear Editor: I broke a large, brown egg Sunday, October 23, and it had 3 yolks, the first I ever saw. We have had lots of double yolks but never 3. We have had New Hampshire Red chickens for several years.—Mrs. Herbert Lee, Winfield.

Dear Editor: After hearing them tell about the egg that had 3 yolks, and in regard to the write-up in the Kansas Farmer about it, I thought I'd also write you. Two years ago this fall we also found an egg that had 3 perfect yolks in it. It was laid by a New Hampshire pullet, too. That was the most unusual egg we found in the 16 years we have raised chickens.—Mrs. A. H. Benitz, Wathena.

Dear Editor: Read in Kansas Farmer about the 3-yolk egg. The other morning when I was breaking eggs in a dish, the first one I broke had 3 yolks all about the same size. I was so excited I had to carry the dish and show it to the 3 men in my family. Was the first we had ever seen. And a Leghorn hen laid it.—Mrs. E. T. Lindquist, Waterville.

Dear Editor: I read in the last copy of Kansas Farmer of a woman who found a 3-yolk egg. Several years ago I found an egg that contained 3 yolks. It also was from a New Hampshire hen. Just thought I'd let you know.—Delmer Schweitzer, Clay Center.

Dear Editor: On April 26, we got 400 White Rock chicks. They started laying September 18. Shortly after that when I broke an egg for breakfast I noticed this egg had 3 yolks. After showing the egg to my husband we didn't think any more about it until an item came out in "The Beloit Daily Call" telling of a man near here who also had found one. This is the first time we have ever raised a flock of chickens.—Mrs. Clyde Wait, Scottsville.

Dear Editor: I was very surprised one morning when I broke a large egg for breakfast and found it was a 3-yolked one. I'm 60 years old and had never seen one before.—Mrs. O. P. Hendreschke, Loveland, Colo.

Dear Editor: On September 27, I got an egg weighing 4 ounces from a New Hampshire pullet that was hatched April 4, 1949. This egg had 3 yolks all perfect.—Thelma Mealey, Carlyle.

Dear Editor: We have a flock of Leg Rock pullets. One day last week while frying eggs for breakfast, I cracked open a large pullet egg and found 3 perfect yolks in the egg.—Mrs. A. M. Thompson, Agenda.

Dear Editor: We are readers of Kansas Farmer and have been more than 40 years.

Dear Editor: I would like to state that the lady from Shawnee county is not the only one to find a 3-yolk egg.

About 6 years ago I was getting breakfast and broke an egg with 3 yolks. I was really surprised. I had always lived on a farm where we used dozens of eggs and here I am 66 years old.—Mrs. W. E. Bigge, Stockton.

We have kept White Leghorns for over 28 years. During that time we have found two 3-yolk eggs. Enclosed is a picture of one to prove it. I have heard of others finding such eggs.—Mrs. W. H. Johnson, Blue Rapids.

Dear Editor: I too found a 3-yolk egg this summer. The first I ever saw and I have raised chickens the last 50 years. I get a few double-yolk eggs but that was my first 3-yolk egg. It was laid by an Austra-White hen.—Mrs. J. J. Koonce, Dexter.

Dear Editor: I noticed in this week's Kansas Farmer about the 3-yolk egg found by a woman from Shawnee county, and decided to tell you about the ones we got one winter, several years ago.

Dear Editor: In reading Kansas Farmer I see a lady found a 3-yolk egg. I have never found a 3-yolk egg, but all summer we have gotten 2-yolk eggs from an Austra-White hen, and this last 5 or 6 days have 4 of these eggs which weigh 1 pound so you see they are large. Our hens are fed Nutrena.—Mrs. John DuBois, Winchester.

We had a flock of the English-type White Leghorn hens and for several weeks, every other day we'd find a large double-yolk egg. Then we were surprised to find a triple-yolk egg, every other day, for 2 or 3 weeks longer. And one day I found an egg which measured 7 3/4 by 9 1/4 inches, and when I opened it, I found 3 regular-size yolks, and in addition to them, there was a small hard-shelled egg, about 1 1/4 inches long, and this little egg was different from any small egg we'd ever seen, as it had a yolk, about 1/4 inch in diameter. After this egg there were no more double or triple yolks that winter.

Dear Editor: Was very interested in your little item about a 3-yolk egg. I, too, have a flock of New Hampshire Red pullets and to my amazement so far have found five 3-yolk eggs. Previously, I had never seen such an egg and my mother, Mrs. Carl Tangeman, said it was her first experience, too.

Can anyone beat this? I've heard the first fellow never has a chance.—Mrs. R. H. Pride, Sawyer.

Dear Editor: I have raised chickens for 20 years and found several double-

fat turkeys when slaughtered for market is extremely important, because it vitally affects the appearance and salability of dressed birds and their palatability when cooked. The degree of finish or fat in the live turkey can easily be determined by feeling a fold of the breast skin between the feather tracts. Presence of fat will be evident if they fold in thick between the fingers.—C. L. Gish, K. S. C.

Fat Turkeys

Evelyn and Stanley Thank You

Kansas Farmer told you in the June 18, 1949, issue that Evelyn Haberman, of Heizer, and Stanley Meinen, of Ruleton, outstanding Kansas 4-H Club members, were going to Europe to live for several weeks on farms over there. Of course, Kansas Farmer was glad to help pay the expenses of these two alert young people for more than one reason.

First of all, we knew Evelyn and Stanley would be wonderfully fine ambassadors of good will. We knew they would represent Kansas farm youth and U. S. farm youth in their true light. Also, that they would write interesting letters to be printed in Kansas Farmer. We know you feel well acquainted with these two world travelers thru their letters that have been in Kansas Farmer. Two more appear this issue.

Evelyn, Stanley and Kansas Farmer appreciate all the fine letters already received telling how our readers have enjoyed the chatty, colorful letters from The Netherlands and from Switzerland. A note or post card addressed to Evelyn or Stanley, Kansas Farmer Office, Topeka, will reach them promptly.



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Rural
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Over 500 Awards Won By Welch's On Their Hogs

Mother Makes Blankets of Awards, As Father & Son Bring Home So Many!



WALLY, PRIZE SOW, "RIBBON BLANKET"
Great Grandpa Started Something

LETCHER, S. D.—Blanket in photo above contains 292 show ribbons—only part of hundreds won by Welch family on their hogs! Took 23 Firsts, 2 Grands, 1 Reserve Championship at 1949 Sioux Empire and S. Dakota fairs.

Family's first show was in 1920, when father exhibited South Dakota's first registered spotted Poland China. Welch "spots" have shown every year since, except 1933. Son Wallace now runs farm. It keeps Wally humping! No wonder he eats Wheaties four days a week! Likes 'em with peaches and cream. Delicious combination!



FAMILY PIONEERED LAND

Four generations of Welch's have lived on the same farm. Great grandfather settled it in pioneer days. Now 83, he's hale and hearty. A Wheaties man, says Wally!

Family's eaten Wheaties for twenty years. Your family getting theirs? Wheaties are America's favorite whole wheat flakes. Famous training dish, too. Nourishing! B vitamins, minerals, protein, food energy in Wheaties, "Breakfast of Champions!" Have some!

Double savings with Wheaties. (1) Valuable silverware coupons in Wheaties and other General Mills products. (2) 50% more than regular size in the Extra-Big-Pak of Wheaties.



"I was just eating my lunch—and they unloaded all these blue ribbons on me!"

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The Cover Picture



Harold H. Finley, rural sales representative for the Kansas City Power and Light Company, accepts a piece of newly-baked cake from Mrs. Rieke. Finley helped plan the arrangement and fixtures on the Rieke farm.

OUR friend, Mrs. Anthony Rieke, Johnson county farm housewife, was glad to show off her brand-new, all-electric kitchen, a sparkling show-place in the home which they are remodeling near Shawnee, Kan. The product of her electric range, which the cover photo shows being lifted from the oven, was a delicious angel food cake.

Like most rural homemakers, with the advent of the highline, Mrs. Rieke has installed the usual laborsaving items found in the most modern city home. The Riekes operate a 40-acre farm, mostly orchard, which usually turns out a profit, thanks to careful handling and the Kansas City market.

Be Sure Stored Foods Are O. K.

By WILLIAM G. AMSTEIN, Kansas State College

INSPECTION of our home-stored fruit and vegetables often is neglected, especially at this time of year. Too often we take it for granted everything is coming along in satisfactory manner without taking a little time to be sure.

Irish potatoes are often one of our worst offenders. One or 2 early decaying specimens can injure several others. Only a few minutes may be needed to sort over the stored supply.

While it is a little late for best results, it is not too late for good results if you use a material to stop Irish potatoes from sprouting. Not as many are taking advantage of this type of chemical in preventing sprout growth as could. This sprout inhibitor can be obtained in most communities.

Some time I am going to organize a campaign to use up small-sized home-grown potatoes first. In fact, I think the program should be set up at harvest time. Then as potatoes are picked up they can be separated for size. If the smaller size but usable potatoes were put together, they would be separated where they could be used out before they shriveled too much. But from now on until we give up on them, small-size potatoes seem to shrivel rather rapidly until we finally let the chickens or hogs have them.

Other cause for storage losses may be our failure to regulate moisture and temperature a little more carefully. Shriveling may be the result of too low humidity. A pan or two of water will often make a big difference in storage results.

Use Low Temperature

Still another problem is due to our failure to take advantage of low night temperatures early in the fall. For most fruit and vegetables as low temperature as can be maintained above freezing is suggested.

Sweet potatoes are a definite exception on temperature for best storage results. They need to be kept as uniformly near 55° F. as possible. Avoid moving and bruising them for best results.

Developing a system for working our locker products, in the vegetable and fruit lists, out in orderly fashion is still another job needing more attention. Rearranging and getting an up-to-date inventory of our locker or deep-freeze products is probably the first thing to do.

In another month our locker season will be about half over for several products. Yet I dare say many items are

still largely untouched. It is true that well-processed vegetables and fruits under good locker storage do not deteriorate as rapidly as do certain meats. Nevertheless, there is nothing much to be gained by seeing how many years they can be kept, or how big a carryover can be built up of certain commodities.

As weather outside becomes more nearly like that inside the locker storage room, we will be better dressed to make this inventory. Then, as is the case with anything else, we need to put a withdrawal plan into operation. A little planning will help keep your inventory up to date. You then can be ready next season for your replacement needs, and not have a year's supply or more of some items still on hand.

Good Alfalfa Stand

As perfect a stand as you'll ever see. That is what L. R. French, Reno county, got on 45 acres of alfalfa seeded August 20. The field looks like every grain of alfalfa dropped from the drill jumped up into a plant.

Mr. French says the ground had been limed and 100 pounds of 4-16-0 fertilizer were applied as starter. More phosphate, 100 to 150 pounds of 45 per cent, will be applied in spring.

Natural Gas

Little Tommy snickered when teacher read a story about a man swimming a river 3 times before breakfast. "Perhaps you doubt whether a trained swimmer could do that?" she asked. To which Tommy replied . . . "No, mam . . . but I was just wonderin' why he didn't make it 4 times . . . and get back to the side where his clothes were!"

A.: "How can you cure someone of snoring?"

B.: "Easy; by good advice, cooperation, kindness, and stuffing an old sock in his mouth."

The rich man employs a butler, a valet, a secretary, a laundress, a cook and a housekeeper; the poor man just gets married.

Electricity!

KOHLER

Electric Plants

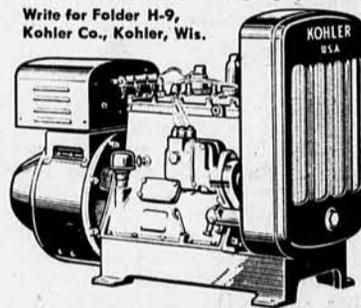
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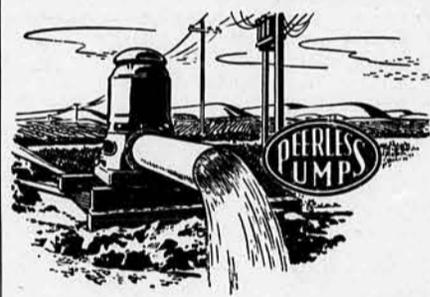


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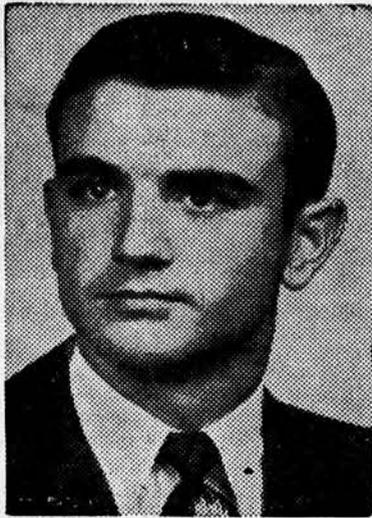
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Farming in Switzerland

By STANLEY MEINEN



Stanley Meinen

Here is another letter from Stanley Meinen, one of our Kansas 4-H'ers spending several weeks with farm families in Switzerland. His home is at Ruleton.

DEAR Mr. Gilkeson: Leaving our farms in Switzerland for a few days Bill Lefes, of Pennsylvania; Llano Thelin, of South Dakota, and I traveled southward to see the boot-shaped country of Italy.

The beautiful countryside of Southern Switzerland was broken only by the long railway tunnels that pierced the Alps, and as the speedy electric train made its way southward to Milano we began our new experience in Italy. Altho we had been working in Switzerland most of the summer, this was a truly new experience because we were going to see part of Italy thru the eyes of the travel bureaus and thru windows of trains and busses.

The scars of war were visible in many portions of the long railway stretch between the Swiss frontier and Milano, Italy. We could see bombed homes and new structures as we passed the many villages. Occasionally the train's speed would be reduced, and looking out of the window we could see a new bridge under construction replacing the bombed structure. But despite the war damages to industrial and strategic centers the Italian countryside seemed peaceful enough. The farms were rather well tilled, much of the work done by hand or with obsolete and worn machinery pulled by white oxen. However, in some areas we noticed several steel-wheeled tractors.

Uneasiness and Hard Times

Entering the larger cities I was surprised to find conditions a little better than I was expecting. The streets were fairly clean, and the service of trains and hotels was quite good. Yet we couldn't help feeling that there were uneasiness and hard times. The cry, "Want to change your money," was common and tempting. The Italian lire is unstable and easily obtained with the American dollar. Hardly an hour would pass that a tourist would not be accosted by a money changer or a postcard peddler. These peddlers were numerous and eager to get their hands on the American dollar, even before the tourist descended from the train or sight-seeing bus.

Genoa, one of our most interesting stops, introduced us to the Italian water-front life. The brilliant lights of the harbor reflected from the beautiful waters of the Mediterranean produced a magnificent heart-warming sight. But, of course, this beauty was not without the cries of war. The water-front area seemed to have its share of beggars, peddlers and others of shoddy character. Despite these scenes, Genoa seemed to be filled with tourists who seek in her the beauty and culture from times of old.

It seemed just as we began to acquaint ourselves with a city we had to move to another. And this was no easy task since trains were filled to capacity with Italians and tourist travelers. But we managed to enjoy rather comfortable rides, even the ambitious youngsters used us for step-ladders, occasionally giving us shower baths with their drinking water.

As our train raced to the "Eternal City" of Rome we caught an occasional glimpse of the spacious blue Mediterranean. The sailboats and rowboats all added to the beauty of the calm sea. Our view on the other side of the train was not so pleasant, with imprints of war along the entire seaboard from Genoa to Rome. Skeletons of brick and stone haunt the once quiet countryside and served as a reminder to the coming generation. Even a few farm buildings were smashed, the debris yet to be carried away. And the humble peasant continues to till his soil.

In Rome we could still see some

destruction. The destruction of homes and factories will some day be repaired, but the "destruction" in the expression of small, unclean and undernourished children with a begging hand will require more than bricks and mortar to repair. It was difficult enough to bypass the begging hand of these children, but it is still more difficult to bypass the thought of what will become of this generation with their war-torn minds. Nevertheless Rome still has much to offer her guests. The Vatican is no doubt the greatest attraction here with its cathedral and palace.

Climbed 193 Steps

Our next stop was Florence and the leaning tower of Pisa. Despite the fact stone skeletons surround the leaning tower, the ancient wonder of the world leans unmolested in her own strong manner. Of course, the 193 steps leading to the top were too tempting to resist climbing, as were the several thousand other steps in the various other towers and cathedrals we visited in Italy.

Leaving Bill and Llano fastening on their water wings and bathing caps for their trip to Venezia, the world's only

perpetually flooded city, I journeyed on to what now seemed like home to me. My vacation being ended I headed to my farm on the northern plains of Switzerland. This had been a most successful and profitable vacation. We saw and learned many things and also refreshed our memories on some forgotten history. The travel bureaus, busses and trains do provide a good course in humanity; but a better course is in the International Farm Youth Exchange program. True the historical sights of Rome, the paintings in Florence and marble masterpieces in Milano do broaden ones perspective of life. But only by actually living with people and sharing their trials and tribulations can the fullest appreciation of humanity and world understanding ever come to be.

Had Fine Experience

I have had a most interesting and educational experience this summer working on the farms from the spacious Alps to the plains of Switzerland, and again I want to thank Kansas Farmer editors and everyone who supported the IFYE project which made this trip possible.

"A QUICK REPAIR SAVED OUR WHEAT CROP"

"Late one Saturday while combining, the frame pulled loose from the axle. This was a pretty fix with all the shops closed for Sunday. But thanks to our own arc welder, we fixed the break ourselves. In a couple of hours, the combine was ready to roll again.

"We've had a lot of emergencies like this one where our welder has been a life-saver. There's the accident where a harrow frame broke, the plow point that snapped after hitting a stump, the draw bar that pulled apart during harvesting. And another thing—with our welder it's now simple to alter equipment to suit our work better. We've added a draw bar to our hay baler for pulling a trailer. We changed the frame of our combine so as to use oversized tires. Our Lincoln welder more than paid back its cost on just the first few jobs."

Unusually low in price and easy to use, Lincoln farm welders are ideal for all kinds of farm repair work, for building equipment, for hardsurfacing, cutting and torch-heating. Get the full details yourself in the free bulletin. Fill out and mail the coupon.

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ROBERT and EARL BAKER
Route 2
Hutchinson, Kansas

CROP SAVER ON WHEELS. Bob and Earl Baker with their Lincoln welder mounted on a two-wheel trailer that they built themselves.



KEEPS COMBINE ON THE GO. Inset shows the emergency repairs where the frame was welded to axle. The Baker brothers point to the angle brace they reinforced with welding to take rough jolts.

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MRS. SANTA: Why not give hubby a Lincoln Welder for Xmas? See your Lincoln Weldealer.

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For a Cattle Disease

Many readers have written to us for information on livestock diseases. The Kansas State College Experiment Station circular, "Brucellosis of Cattle," is now available free upon request to Farm Service Editor, Kansas Farmer, Topeka.



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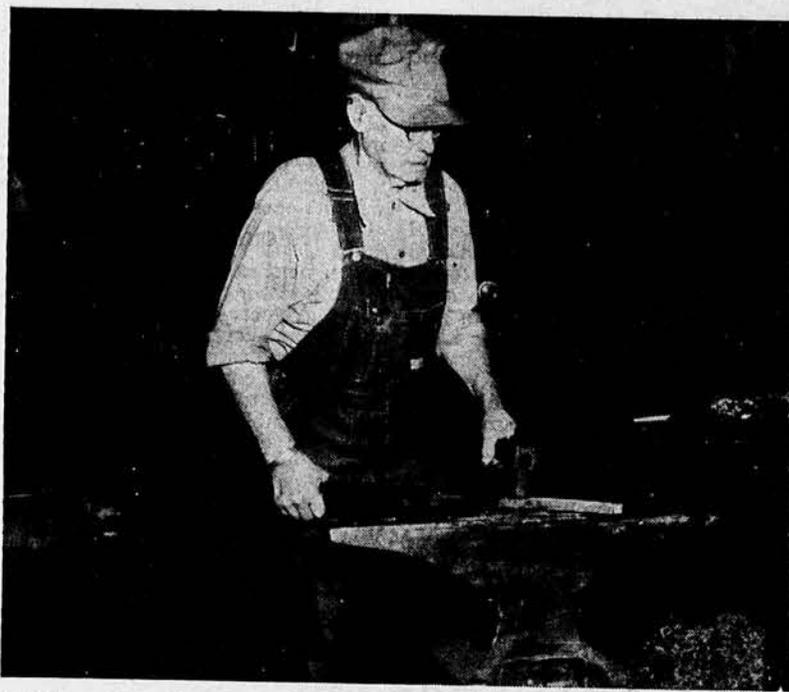
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THURSTON

More Letters About The Oldest Blacksmiths



M. E. Hays, of Smith Center, has been blacksmithing 51 years. Started August 13, 1898. Photo by Dillon, Smith Center.

I NOTICED an article in the August 6, 1949, Kansas Farmer, about Mr. Bennett being the oldest blacksmith in Kansas. I think we will find Charles Kagi, at De Soto, is 85 years old, has operated his shop all his life and is still going strong.—William Torneden, Linwood.

Yes, we know of an older blacksmith in Kansas. He is G. E. Woodard, of Stuttgart, in Phillips county. Almost 84, he has been a blacksmith 62 years.—Karl Zollman, Prairie View.

I read about Mr. Bennett, the blacksmith in Anderson county 73 years of age, in the August 6, Kansas Farmer, and still working at his trade. I said, "Look out, Raymond, you may start something." And sure enough, when I received Kansas Farmer this morning there it was nearly a half a dozen blacksmiths who were so much older than Mr. Bennett, that he is still a young man. Surely enjoy Kansas Farmer, the writings of the 4-H'ers in Europe, "Early Life in Kansas," and the blacksmiths. Come and see me.—Emmett Taylor, Hiawatha.

I challenge Mr. Bennett. I was born August 20, 1875. My father was a blacksmith, came from England in 1868, started his own shop in 1876. I worked in the shop as a small boy. In 1895, I started a shop of my own. Some of my present customers are grandchildren and great-grandchildren of some of my first customers.—J. F. Ingamells, Clay Center.

H. H. McCarty is 78 years old, has operated his present shop since 1900, had at least 3 other shops before that. He started at the age of 15 and was active until about a week ago, and had to stay home a few days. He might be the oldest blacksmith in our state. Mr. McCarty has been a mighty good mechanic, and only 2 years ago served on the city council here.—Harley Two-good, La Cygne.

Fifty-one years at the blacksmith forge is the accomplishment of M. E. Hays, Smith Center. He started blacksmithing in Smith Center, August 13, 1898, has been steadily at it ever since. Started with old bellows forge and hand tools. Made most of his tongs, wrenches and some hammers that are still being used every day after 50 years of service. He did all hand sharpening of plows and farm tools until 1915 when he bought his first trip hammer.

When he started in 1898, plows were sharpened for 25 cents and horses shod for \$3.20 a team with new shoes. Wagon tires were set for 40 cents each, also buggy tires. His first shop was small and in 1913 he built one 26 by 60 feet, which seemed large at that time but is too small now. In 1928 he changed over to electricity which was a big time-saving.

Mr. Hays has made some power tools to save labor, including a power hacksaw, thread cutter and a swinging boom that reaches over his forge for

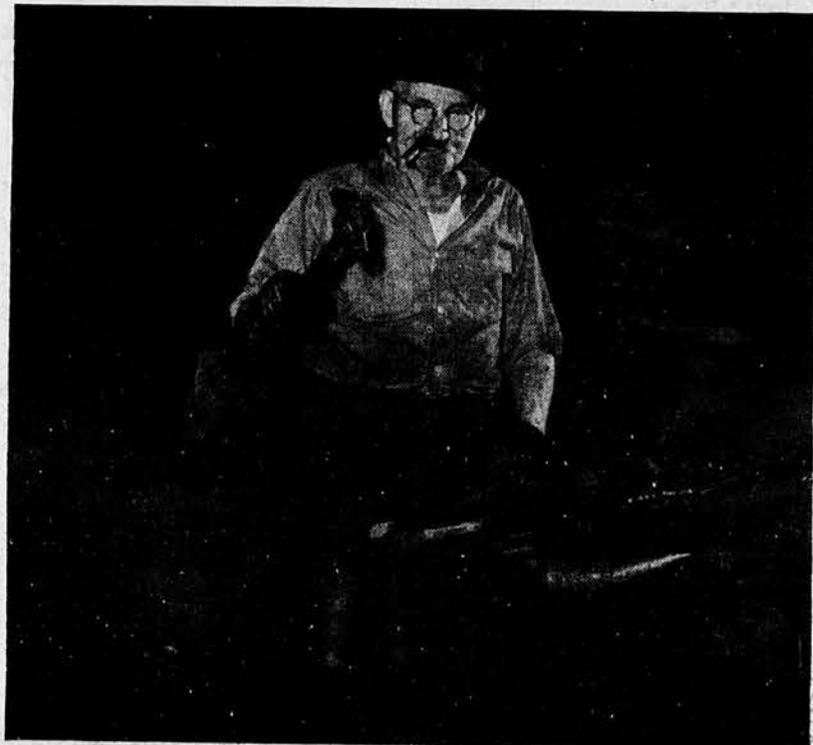
heavy things to be worked in the fire. Mr. Hays was born in Shell Rock, Ia., in 1868, and came to Kansas in 1877. He has been of real service to the community.—R. L. Hays, Smith Center.

William I. (Billy) Navarre, widely known blacksmith of Independence, can look back on a life of usefulness and service that has found him working behind a blacksmith's forge for more than 63 years. Billy, who celebrated his 81st birthday anniversary last April 8, puts in 9 hours of active work 6 days a week.

The veteran blacksmith underwent his apprenticeship at the Crow blacksmith shop, one of the pioneer establishments of this type in Montgomery county. He worked at this shop the first year without pay, but for board and room only.

In 1888, Billy owned and operated his own shop. The next year he sold out and went to Colorado, where he worked on construction tools being used to build roads to several gold mines. Later he worked as a blacksmith on the construction of the Pike's Peak cog railway at \$2.50 a day.

Mr. Navarre returned to Independence in 1893 and went to work for the Conard Striker blacksmith shop, later buying it. He sold again in 1901 but remained there as a blacksmith. It was on January 16, 1908, Billy started work for the Schoenfeldt blacksmith shop here and he has been employed by that firm ever since.—Richard L. Hardy, Independence Daily Reporter.



William I. Navarre, Independence, has been behind the forge more than 63 years. Photo by Swank Studios, Independence.

My father, George Edward Woodard, is an older blacksmith than Mr. Bennett. Father has been blacksmithing 62 years.

His first shop was on the farm in 1887. After 2 years he moved the shop to Gretna, then to Stuttgart, where he built a shop. He has been in continuous service in this shop for the last 57 years.

Most of his tools were handmade to suit him. In the 57 years he has worn out 4 gasoline engines and has now converted to electricity.

He estimates 800 plowshares his average for a season. In 62 years that would be 49,600 shares. Besides blacksmithing he has several hobbies such as fishing, hunting, repairing guns and telephones. He also makes violins. So far, he has made 7 and remodeled and repaired many others. He loves music.

Mr. Woodard is past 83 years old now and has cut his day at the shop to 8 hours. He used to work by lantern light after supper and again before breakfast during the rush season.—Helen Cate, Stuttgart.

I don't claim to be the oldest blacksmith in Kansas, but I think I am among the oldest. I began blacksmithing in 1895, have been working at it ever since. Sharpened plows in the Nineties for 20 cents and listers for 35 cents. Now I get \$1 for either one, sharpened and polished. Have sharpened as many as 1,000 plows lays in one season besides doing other work. But I have slowed down considerably in the last 2 or 3 years. I am 72 years old now and am still running my shop. I can do quite a bit of work yet. Lots of farmers ask me, "What are we going to do when all you old fellows are thru? There are no young men taking up the trade." I don't know. So here is wishing good luck to all the old veterans of the trade, and you and your good farm paper.—F. W. Black, Lebanon.

Born in 1861

Dear Editor: Kansas Farmer said Mr. Everett was born in Kansas in 1863. My father-in-law was born September 18, 1861, east of Onaga in a log cabin and has lived in Kansas practically all his life, is still active, lives in Havensville. His name is A. H. Brenner. We helped him celebrate his 88th birthday in September. Next March 12 they will be married 60 years. Isn't that wonderful?—Mrs. H. S. Brenner, Corning.

Wonderful, indeed. Congratulations to both Mr. and Mrs. Brenner—E. H. G.

Good Shelterbelt

Dear Editor: In answer to Kansas Farmer about old farm shelterbelts. We got our shelterbelt the year the government planted the first ones; I think it was the spring of 1938.

This program was started after the drouth and grasshoppers had killed the trees. There were hardly any live trees left in this part of the country.

Our shelterbelt was planted by PWA workers. The government paid \$3 an acre a year for use of the ground until

(Continued on Page 13)

the trees were well established. Also put out poison bait to keep rabbits from killing the young trees. PWA workers cultivated and hoed the trees when they were small.

Our tree belt is 120 rods long all on the north of the farm buildings and pasture. The first row on the south is Eastern plum, then 2 rows of evergreen, one arborvitae the other Austrian pine, fourth row Kentucky Coffee Bean, then 2 rows American elm, 2 rows Chinese elm, the last is Osage Orange.

These trees have proved more valuable than I can say due to their location. They provide ample shelter for livestock from the winter winds. Cattle sheltered behind these trees will not heat in winter as they would in a shed. These trees also control wind from blowing topsoil away. They keep the biting north wind from the buildings, also prevent winds from depositing snowdrifts in the yard and around the buildings.

I would not do without this shelterbelt for \$5,000.

I don't know of another shelterbelt like this one on north of buildings and pasture. It runs west 120 rods beginning at east side of 160 acres almost at the 80-rod line. Hogs get a lot of good from the trees and do them no harm.—Mr. and Mrs. H. C. Spoon, Rice county.

My Father's Uncle

Dear Editor: I too enjoyed reading, "This Was Life in Early Kansas." John R. Everett was my father's uncle. Father came to Kansas from New York state on New Year's day of 1891, also my mother, brothers and sister.

Uncle John was alone there, getting old and nearly blind and father came to help him on his farm.

There I was born several years later, attended school in the schoolhouse built on the acre of ground Uncle John donated for that purpose, and spent my early years in that neighborhood.

There are no buildings on the old place now. Buildings that were put there in later years have been torn down. But there still stands a part of the old stone barn that Uncle John built to milk his cows in those many years ago.

With the exception of 4 years I have spent my life in Miami county, Kan. I now live 2 miles north of Osawatomie. So this is why I enjoy the letters of John and Sarah Everett.—Elizabeth Everett Knoche, Rt. 6, Paola.

We enjoyed the "Early Life in Kansas," article very much.—Alice W. Willis, Kirwin.

Enjoyed very much the article "This Was Life in Early Kansas," in Kansas Farmer. I hope to see more.—Mrs. C. L. Goldsby, Lenora.

Please let's have such a story as "Life in Early Kansas," in every issue. We enjoy Kansas Farmer, and read everything in it.—C. M. Selger, Olpe.

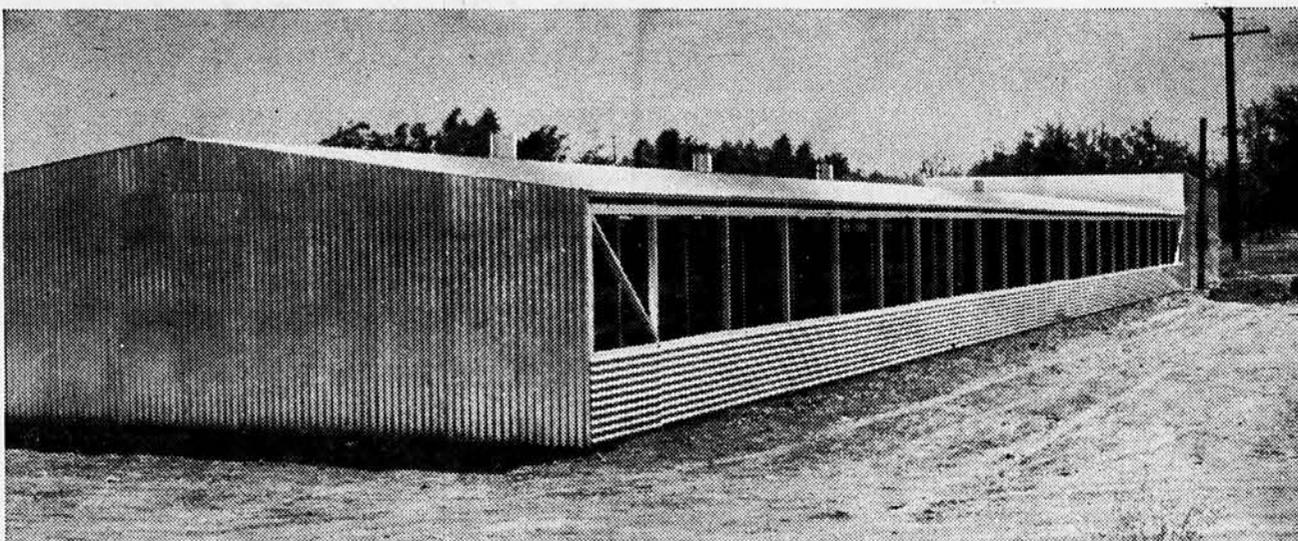
I like your article "Life in Early Kansas." I was born and lived in a log cabin built sometime in the early 1850's until I was 10 years old. I also spent 10 years in a sod shanty near Kanorado, Kan., on Colorado side. There are a lot of people in Eastern Kansas who don't understand sod houses and know the beauty of a mirage; and lots of Western Kansas people who don't know about log cabin life.—A. O. Adams, Pleasanton.

Your article is intensely interesting, hope you will write more about Kansas. How wise they were (in early Kansas) to eat home ground corn meal even at \$2 per bushel. It kept them well. My folks came to Kansas in 1886 when I was 2 years old, and I grew up with the state. I love Kansas and think it is the greatest state in the Union.—Mrs. Pearl C. Ellis, Waverly.

We surely enjoy reading "Life in Early Kansas." Do continue please.—Mr. and Mrs. Walter Dent, Mr. and Mrs. Cloyde Dent, of Brookville, and Mr. and Mrs. Edwin Dent, Bavaria.

We like the article "Life in Early Kansas."—Mrs. Ralph Wiggins, Bonner Springs.

Always like to hear and read of early Kansas settlers. The account by Lela Barnes, "Life in Early Kansas," is unusually interesting. The travel letters from Kansas farm families and the letters of Armin Samuelson, when he was working on farms in Sweden, etc.—T. Holyoke, Topeka.



THIS SLEEK UNIT in the "Burda-Built" system acts as life insurance for chickens. Because Kaiser Aluminum Roofing reflects the sun's heat, Bert Burda's chickens were kept cool during re-

cent hot spells, came through in good shape. Other poultrymen, using old-style materials, lost many birds. In winter, aluminum keeps interiors much warmer than other materials.



MR. BURDA DESIGNS his poultry houses so efficiently that it takes only one man to care for his 12,000 chickens. Using Kaiser Aluminum Roofing, he has found that interior temperatures during

hot summer weather are as much as 22° cooler than in houses built of other materials—thus keeping birds healthier, sharply increasing egg production.

"Here's how buildings of Kaiser Aluminum help my 12,000 chickens produce more!"

SAYS BERT BURDA, OWNER-OPERATOR OF THE CAMPBELL, CALIFORNIA HATCHERY

"The main thing to remember," says Mr. Burda, "is that aluminum roofing keeps chickens cooler than any other material you can use. The result is that my birds are healthier and they produce much better.

"Because my chicken houses are so much cooler, I can keep 1,200 birds in a standard house, 100' x 24'—and get an extra saving that way.

"In winter, aluminum actually keeps buildings much warmer. That's why, in last winter's cold spell, my egg production remained high when production of breeder flocks in conventional houses fell off sharply.

"My experience is that aluminum

roofing is lowest in cost by far for the long run. The light weight makes construction inexpensive and the roof and walls are so strong and sturdy that they last indefinitely.

"I am so sold on Kaiser Aluminum Roofing that I'm now helping my

neighbors build with it."

Mr. Burda's experience is typical of thousands of progressive farmers.

For full information on why you should plan to build or remodel this year with light, strong Kaiser Aluminum Roofing, use the coupon below.

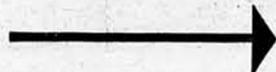
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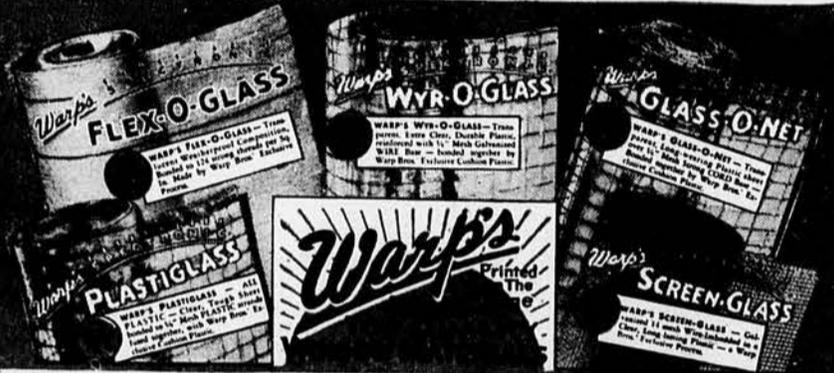
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- **MAKER**—The name "Warp's" on the edge means it is made by the largest producers of Window Materials, with 25 years of experience, and that name "Warp's" Guarantees you Years of Satisfactory Service.
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Your Wetmore Mill is quickly and simply adjusted to perform ANY feed chopping and grinding job. It fairly "eats up" either threshed grain or ear corn . . . wet, green or dry hay and roughage . . . loose or bundled. Chops coarse or grinds to any fineness desired. Fills silos, too!



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KOSCH FRONT MOUNTED MOWER

For Farmall H & M Reg. and F-20 John Deere A & B

See Where You're GOING. See Where You're MOWING!

Write Dept. K-12 **KOSCH MFG. CO.** Columbus, Nebr.



NEW SNOWCO WAGON UNLOADER with Elevating Auger

Complete—or either unit separately

Completely eliminates shoveling, hoisting! Tractor does all work. Speeds work amazingly! Fits any standard flare or ordinary wagon box. Complete unit unloads and elevates small grain, ground feed and shelled corn. Or, remove rear spiral tube and unload into your grain elevator, including Ear Corn! 6-in. ball-bearing-mounted augers. Most inexpensive quality-built combination on the market—saving in time and labor pays for it quickly.

WRITE Rush name for illustrated literature. **PRICE \$150 Complete—F. O. B. Omaha** **SNOW CORPORATION** 5004 No. 30th Omaha, Nebr.

Fertilizer Helped This Kafir Crop



Fertilizer made a big difference in the appearance of white combine kafir in this Cowley county field. In the center row, where no fertilizer was dropped, the stand is light. Between the camera and Carl Richardson, owner, there are only 9 kafir heads and they are light. At left the row is marked by James Leathers, county club agent. At right by Eldon Richardson. Outside rows have 4 and 5 times as many heads. Heads are larger and foliage is heavier than in center row.

CAN you fertilize sorghums profitably? After his experience this year, Carl Richardson, Cowley county, will tell you emphatically that even a small amount of fertilizer brought huge returns from his field of white combine kafir.

He seeded 35 acres of kafir with a drill. He had twenty-five 80-pound bags of 4-16-0 fertilizer he intended to apply evenly over the field with the grain. To seed in 40-inch rows, he had plugged holes in both the grain box and fertilizer attachment on the drill.

From here on it's a little like the old story of eating bread and gravy. It is difficult to make them come out even on your plate. Fertilizer in the grain drill attachment was running out before it was time to refill the seed box with more kafir. In some cases just 1 or 2 holes in the fertilizer attachment would run short of fertilizer before coming to the end of the field. It would leave an unfertilized row perhaps 100 yards long.

Rows Far Behind

Those rows which failed to receive fertilizer were far behind all summer, Mr. Richardson says. The stand was less luxuriant and the plants headed out 10 to 12 days later than other rows in the field. Later in the season, fertilized rows were getting ripe while unfertilized rows still were heading out, and not heading out too well.

Actually, 57 pounds of 4-16-0 ferti-

lizer an acre is an extremely light application. But it certainly made a difference in this field. Mr. Richardson doubts that he would have had a crop had he not used fertilizer.

Made the Change

Changing from a cow herd to a deferred-feeding program often is a difficult decision to make. It was for Winter Brothers, Wilbur and Arthur, Brown county. They had a fine registered Angus herd. Their father, Will Winter, had the Angus before the sons took over the farm.

But the Angus herd was dispersed this fall in favor of a deferred program because low-cost pasture land just isn't available in Brown county. At least there isn't enough to make a cow herd an economical project. By following a strict deferred program they stand to clear more from the livestock enterprise.

Vaccinate Calves

Cattle owners are reminded to vaccinate all calves dropped thru the summer for blackleg and malignant edema. These 2 diseases of cattle are closely related and often cannot be differentiated except by laboratory procedure. The vaccine used in most commonly called clostridium chauvei-septicus bacterin. One injection usually confers a lifelong immunity.—E. E. Leasure, K. S. C.

GRANDMA . . . By Charles Kuhn



HECK, HAVEN'T YOU EVER HEARD?—

BUT, GRANDMA - WHY ALL O' THESE TO HOLD ONE DOZEN EGGS?

YOU'RE NEVER SUPPOSED T' TOTE ALL YOUR EGGS IN ONE CONTAINER !!

Thoughts TO LIVE BY

Reading

IF OUR food makes us what we are physically, as some people suspect, how much more so does our reading make us what we are mentally.

That was vividly illustrated in a personal experience some years ago. While visiting with a neighbor, he commented upon the Congressional Committee on Un-American Activities, over which Martin Dies, of Texas, presided at that time. He spoke of it in glowing terms. To him, it was the bulwark, the protector, of our democracy.

I had considered it a political farce which cost us a lot of money to keep the names of certain politicians in the news limelight. To me, it was endangering many progressive causes. The subversive activities it uncovered were very few, and its methods of procedure were a threat to our civil rights.

Why did this neighbor and I have such opposite views on the value of this committee? I respected his sincerity as I respected my own. He knew the worthwhile things the committee accomplished, and I knew about its questionable methods and the comparatively groundless conclusions it sometimes reached. The difference in our appraisals of this committee was the result of our reading. He read a sensational newspaper and I read a liberal magazine. Each chose the data in which it was interested. And we were more influenced in our thinking by the

editor who did the choosing than either of us realized.

A balanced diet is as important in our reading as in our eating. Fiction is good for relaxation, but fiction only would be for the mind what ice cream only would be for the body.

Who would want a physician whose reading was limited to comic books? In this age of agricultural science, how long could a farmer succeed who read only detective stories? And inasmuch as the making of a life is even more important than the making of a living, how much character can be developed by a person who reads only novels?

Good books enable us to share the thoughts of the great minds of the present and the past. Sometimes these worthwhile books lack the glamorous appeal of literary trash. Because we shall have time to read only a small number of the millions of tomes in print, the wise man will be discriminating in his selection of reading material. A book that we could have written ourselves is not worth the time it takes to read it. On the other hand, those volumes which have passed the test of time are worthy of special consideration.

To secure a place in the Old Testament Canon, it was necessary for a book to defile the hands. The book had to be so pure that it made the reader's clean hand seem soiled. Reading those materials which are so good that they make us aware of our own inadequacies is not a bad rule to follow.

—Larry Schwarz.

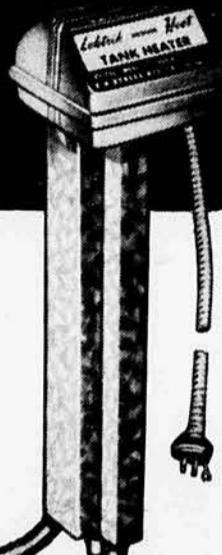
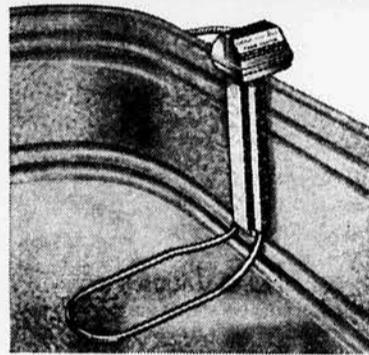
Coming Events

November 9—Chase county, Flint Hills Hereford Sale, Cottonwood Falls.
 November 18—Chase county, Farm Bureau hop-off meeting, Cottonwood Falls.
 November 19—Wabaunsee county, 4-H Achievement party, 8 p. m., high school, Eskridge.
 November 19—Barton county, 4-H officers training school, Great Bend.
 November 19—Jackson county, Billman 4-H and FFA corn show, Holton.
 November 21—Lane county, 4-H Achievement Banquet, Dighton high school.
 November 21—Comanche county, Valley township Farm Bureau election, at Pleasant Valley schoolhouse.
 November 21—Barton county, 4-H Council, Court House, Great Bend.
 November 22—Comanche county, North Coldwater township Farm Bureau election.
 November 22—Brown county, beef tour.
 November 23—District farm-management meeting, Colby.
 November 23—Linn county, district meeting farm management, Iola.
 November 23—Osage county, farm management meeting, Lyndon.
 November 25—Ellsworth county, 4-H Achievement party.
 November 25—Ottawa county, 4-H Achievement Banquet, grade school, Minneapolis.
 November 26—December 1—National home demonstration agent meeting, Chicago.
 November 28—Wabaunsee county Farm Bureau annual meeting, Alma.
 November 28—Johnson county Farm Bureau annual meeting, Olathe.
 November 28—Ellis county annual Farm Bureau meeting, 7:30 p. m., Senor Roberto de la Rosa, will speak.
 November 28—Lane county, annual Farm Bureau meeting, Dighton high school, Dr. Carl Watts, Canadian, speaker, research specialist and humorist.
 November 28—Kearny county, farm machinery school, Lakin.
 November 28—Butler county, engineering school, El Dorado.
 November 29—Jefferson county annual Farm Bureau meeting.
 November 29—Hodgeman county, Farm Bureau annual dinner, 12 noon, Jetmore.
 November 29—Hamilton county, machinery maintenance meeting, Syracuse.
 November 29—Stevens county, annual Farm Bureau meeting, Hugoton.
 November 29—Rush county, annual Farm Bureau meeting 7:30 p. m. Roberto DeLa-Rosa, Mexican consulate, speaker, LaCrosse.

November 29—Brown county, county 4-H Achievement banquet, Hiawatha.
 November 29—Seward county, 16th annual county Farm Bureau meeting, Liberal.
 November 29—Ellsworth county, hop-off meeting, Ellsworth.
 November 30—Washington county annual Farm Bureau meeting and dinner.
 November 30—Norton county, 19th annual Farm Bureau meeting, Legion Hall, Norton.
 November 30—Cherokee county, 4-H Club Achievement day, barbecue sponsored by Columbus Chamber of Commerce, carnival by 4-H Club members, Columbus.
 November 30—Haskell county, annual Farm Bureau meeting, American Legion building, Sublette.
 November 30—Butler county, poultry and landscaping (Balanced Farming), El Dorado.
 November 30—Cherokee county, livestock and farm management meeting, Taylor and Mr. Coolidge, Columbus.
 November 30—December 1—Finney county, income tax computers school, American Legion building, Garden City.
 December 1—Wichita county, machinery maintenance meeting, Leoti.
 December 1—Barton county, annual Farm Bureau meeting, Methodist church, Great Bend.
 December 1—Chase county, Farm Bureau annual meeting.
 December 1—Sumner county, annual Farm Bureau meeting, Wellington.
 December 2—Phillips county, annual Farm Bureau meeting, Phillipsburg.
 December 2—Ellsworth county, victory meeting, Ellsworth.
 December 2—Jackson county, annual Farm Bureau meeting, Holton.
 December 2—Sheridan county, annual Farm Bureau meeting, Hoxie.
 December 3—Osage county, annual Farm Bureau meeting, Lyndon.
 December 5—Edwards county, county Farm Bureau meeting, Lewis community hall, Lewis.
 December 5—Ford county, annual Farm Bureau meeting, Dodge City.
 December 6—Kearny county, annual Farm Bureau meeting, Lakin.
 December 6—Linn county, annual Farm Bureau meeting, Mound City.
 December 6—Comanche county, annual Farm Bureau meeting, Coldwater.
 December 7—Norton county, public policy discussion meeting, C. R. Jaccard, courtroom, Norton.
 December 7—Lincoln county, 4-H Club leaders training meeting, Lincoln.

more milk...more meat with less work

JUST PLUG IN A HUDSON AUTOMATIC ELECTRIC TANK HEATER FOR WATER AT RIGHT DRINKING TEMPERATURE ALL WINTER

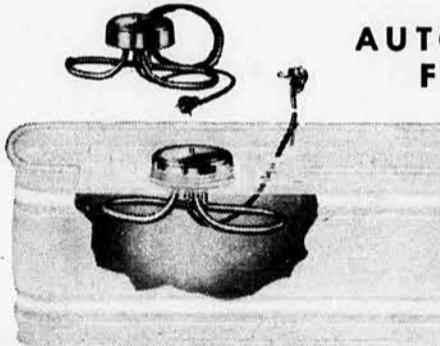


Lock-in receptacle at no extra cost

HUDSON *Lebrik-Heat** AUTOMATIC ELECTRIC STOCK TANK HEATER

AUTOMATIC ELECTRIC STOCK TANK HEATER

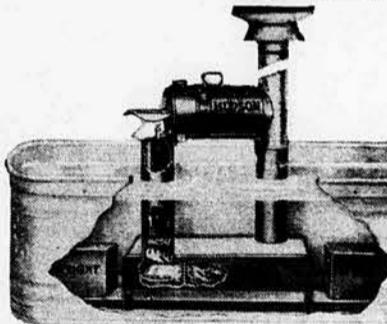
A dairy cow needs 18 gallons of water daily. Cows won't drink nearly this amount of water if it is too cold. If provided, they will use less feed yet actually show big increase in milk production. In addition, hogs, beef cattle, and sheep also need water at right temperatures for fastest gains. Thermostat automatically keeps water at desired temperature. No refueling—just plug in. Uses electricity only as needed.



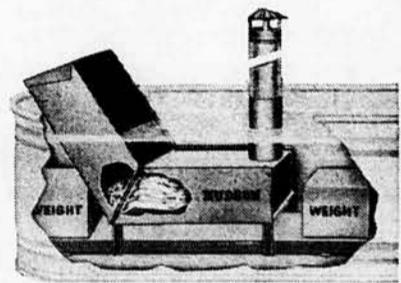
AUTOMATIC ELECTRIC FLOATING HEATER

The most practical floating heater ever designed. Ideal for stock tanks, hog waterers, milk house tanks. Because of its low center of gravity, unit will always right itself. Heating element always under water at least 3 to 4 inches. No electricity wasted in heating air.

Other Hudson Tank Heaters



HUDSON ALASKAN* TANK HEATER
 Money saving Oil Miser Burner. Baffle chest forces heat through a long passage where it is thoroughly consumed before smoke goes out chimney. Eliminates heat loss—reduces fuel.



HUDSON KLONDIKE* TANK HEATER
 Burns anything from corn cobs to coal. Constructed entirely of boiler steel. For coal, use of basket grate is recommended to insure longer fire, less fuel. Channel steel legs for easy submerging.

SIGN OF THE BEST BUY



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*Trade mark

Ready for

Christmas

By Florence McKinney

EVERY year is the year for handmade gifts. Now is the time to enjoy homework when the nights are long and you can sit in a soft chair by the fireplace to fashion pretty things for friends and family.

Busy fingers can make gifts at Christmas and the whole year round. Your name will be blessed every time these good-looking gifts are used. A handmade gift means more to the friend who receives them and will be valued both as a token of friendship and for the time and thought you have given in the making.

Here we offer 7 suggestions for attractive, useful gifts for all ages, young and old. Some are crocheted, some knitted and designed to suit your taste.

Send 5 cents for each pattern leaflet to the Farm Service Editor, Kansas Farmer, Topeka.



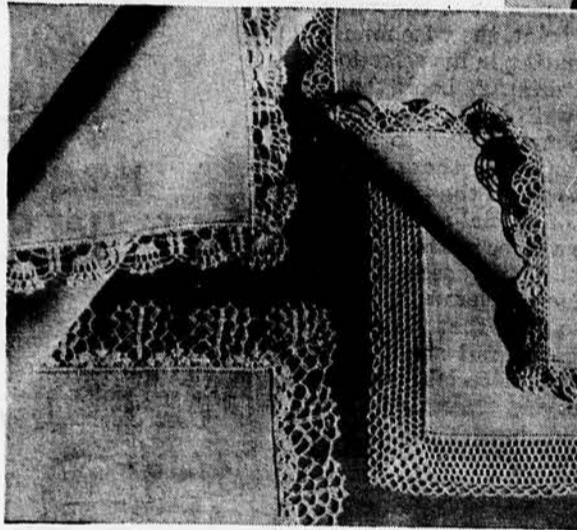
No. PK-4656

Above: Something different in a girl's pullover sweater is the three-quarter sleeve. Knit in stockinet stitch and ribbing, using a contrasting color for neckband and broken stripe. Directions comes in sizes 6, 8 and 10, all on one direction sheet.



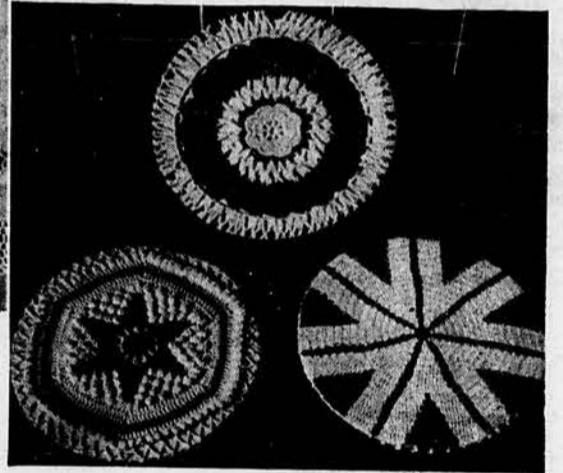
No. 7778

Above: Crocheted in the popular pineapple design is this attractive doily that is sure to add a cheerful note to your home.



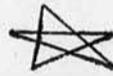
No. 8370

Above: Whether for Christmas or shower, you can't go wrong with a gift of handkerchiefs edged with dainty crocheted lace.



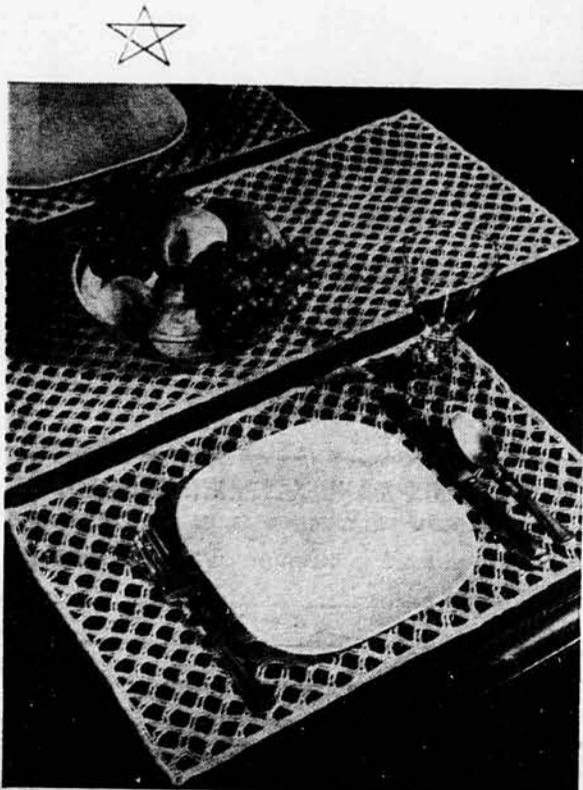
Hot Plate Mats

Above: Three hot plate mats crocheted in gay colors. They are made to cover asbestos mats 8 1/2 inches in diameter.



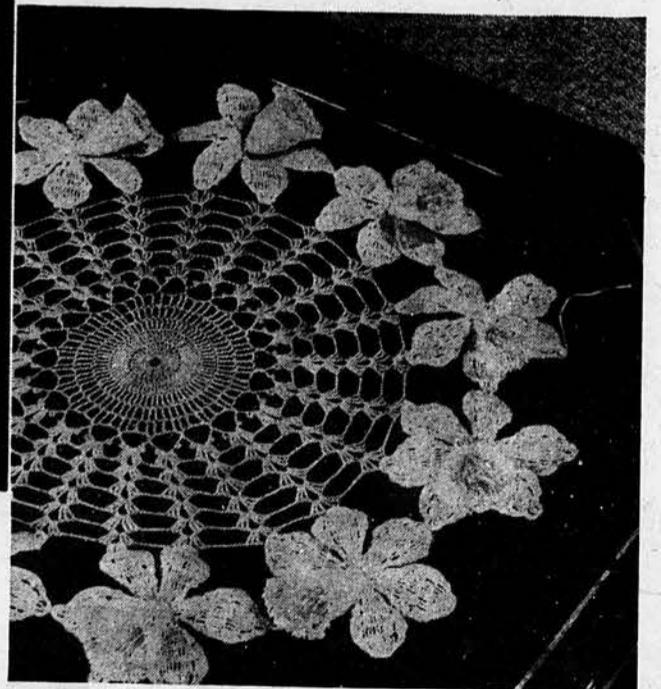
No. 5253

Above: Knitted creepers for the baby. When they start moving about soft creepers are ideal.



No. PC-3368

Left: Simple in design is this good-looking luncheon set that is sure to make a hit with friends. Easy-to-do openwork crochet stitches.

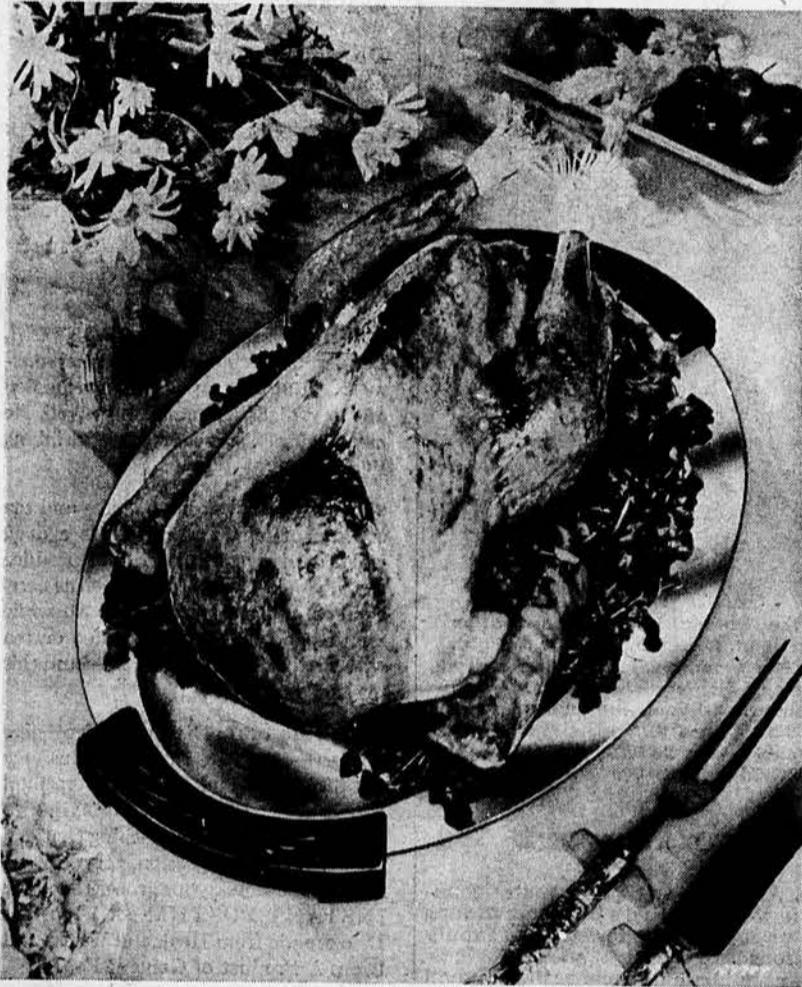


No. D-214

Above: Keep a breath of spring in your home all year round by crocheting this daffodil doily. Measures 14 inches in diameter.

For Thanksgiving Dinner

Try a New Turkey Stuffing



Walnut-Herb Stuffing

| | |
|-----------------------------------|--------------------------------|
| 4 tablespoons butter | 1 teaspoon sweet basil |
| 1 cup onion, finely chopped | 1 teaspoon thyme |
| 1 cup celery and leaves, chopped | 1 teaspoon poultry seasoning |
| turkey giblets, cooked and ground | ½ cup English walnuts, chopped |
| | 8 cups dried bread crumbs |
| | 1½ cups hot water |

Melt butter in large frying pan. Fry onion, celery and cooked, ground giblets slowly for about 15 minutes. Remove from heat. Add seasoning and bread crumbs and mix thoroly. Add hot water and blend until stuffing is moist. Fill turkey cavity with stuffing, but do not pack tightly for it will expand.

Skewer opening securely. Rub skin with shortening and place on roaster breast side up. Roast in oven at 325° F. allowing 18 to 20 minutes for each pound of weight. To keep skin tender and evenly browned cover turkey with fat-moistened cloth. Baste thru the cloth occasionally.

This stuffing will be sufficient for a bird weighing from 10 to 14 pounds. Serve on large platter and garnish around the bird. Use bright green leaves or radishes. Molded cranberry jelly slices are colorful.

Thanksgiving

Today I greet a new Thanksgiving Day,
Acknowledging the soothing peace of work,

The shine of dishes polished, color-gay,
The homespun artistry of fancy work.

Rich mounds of soil, broken with a spade,
Sun-gold of pumpkins, ripened on the vine,

A loaf of crusty bread that's newly made,
The sparkle of grape jelly, ruby wine.

The tangy scent of freshly curing hay,
The sight of long straight ricks of winter wood,

Of printed dresses, neatly ironed and gay,

The work of busy hands, these things are good.

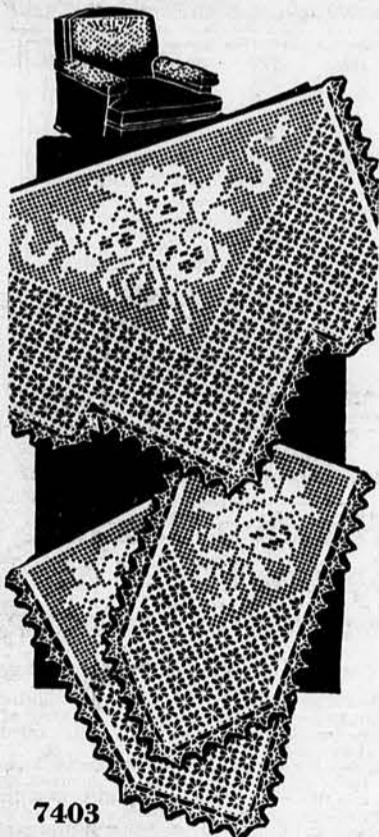
—By Mary Holman Grimes.

When Learning Young

Are you trying to interest your young daughter in cooking? Don't start her on complicated dishes that will confuse and discourage her. One suggestion for a young chef is to make a packaged quick-mix cake.

This first lesson will teach her to set the oven temperature before beginning, to grease the bottom, not the sides of a cake pan, to stir flour and liquid, to scrape out the bowl and level the batter, to test the cake for doneness, to remove it from the pan and frost it. Even that is quite a large order for a little girl.

Show Piece Crochet



7403

Alice Brooks

This lacy chair-set is filet crochet combined with spider-web design. Work both from chart. Use as chair or buffet-set or on scarf ends. Pattern 7403 has chart and directions.

Send 20 cents to the Needlework Editor, Kansas Farmer, Topeka. If you wish the Needlework Book, send 15 cents more.

Idea for Thanksgiving pumpkin-pineapple pie and rich, satisfying coffee

To wind up a wonderful feast—add new zest, with pineapple, to good old pumpkin pie—and enjoy the familiar, pleasing flavor of Hills Bros. Coffee. It's a distinguished blend of the world's finest coffees—and "Controlled Roasting," an exclusive Hills Bros. process, roasts the blend a little at a time—continuously—to insure an even roast of every coffee bean—none overdone, none underdone. Hills Bros. Coffee is vacuum-packed for flavor-freshness.



PUMPKIN-PINEAPPLE PIE

| | |
|--------------------------------|-------------------------------------|
| 1 envelope unflavored gelatin | 1 cup crushed pineapple (9-oz. can) |
| ¼ cup cold water | Piecrust mix |
| 1 cup cooked or canned pumpkin | ½ cup heavy cream |
| 2 beaten egg yolks | Candied cherries or nutmeats |
| ½ cup sugar | |
| ½ teaspoon salt | |

Soften gelatin in cold water. Heat pumpkin in top of double boiler. Mix beaten egg yolks with ¼ cup sugar, add salt, crushed pineapple with juice, stir into the pumpkin. Stir over boiling water 3 minutes. Add gelatin, beat until well blended, chill until syrupy. Beat egg whites, fold in ¼ cup sugar and then fold in the pumpkin mixture. Pour into 9-inch baked pie shell or into pan lined with crumb (corn flake or graham cracker) pastry. Chill until firm and garnish with whipped cream and candied cherries or nutmeats.

Serve with Hills Bros. Coffee

Trademarks Reg. U.S. Pat. Off.

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New, Sheeplined, Leather Farm Work Pants Keep You Warm in Every Cold Weather Farm Job



You work faster, easier in bitter cold weather when you are comfortably warm in these Sheeplined all-leather Work Pants. Good for cold weather hunting, too!

Ideal for Farmers, Tractor Drivers, Hunters, Woodsmen, Truck Drivers. A Practical Christmas Gift

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All leather—soft and pliable. Windproof. Full shearing lined. Water-repellant. Zipper fastening full length of each leg and on fly—easy to put on and take off. Adjustable leather and webbing suspenders. Easy-to-reach outer pockets. Real warmth and long wear are built into these pants. Made for use by the Air Force in extreme cold weather. We sell by mail direct to you at less than 1/3 original Government cost of over \$30. This offer may never again be repeated.

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Prepare now for a warm winter at work. Order today! Postage paid when check accompanies your order.

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Please rush _____ pair new sheeplined leather "Farm Work" Pants at \$9.88 each.

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Town _____ State _____

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We will ship proper size.

Satisfaction guaranteed or Money Back

Burpee HYBRID Tomato

SEEDS FREE

Bears 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 (1/2 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 35c; 100 seeds \$1.

Also Free Burpee Seed Catalog

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Clinton, Iowa

BURPEE SEEDS GROW

130 EGGS A DAY INSTEAD OF 23

Mrs. Wm. J. Turvey, poultry raiser in the far north state of Washington, tells an interesting story of increased egg production. She says: "I have 178 chickens. In November, their appearance was poor, and I was getting 19 to 23 eggs a day. I started giving Don Sung in their feed. Now, in December, I am getting 130 eggs a day, and my flock is livelier and looks much better. Surprised isn't the word—I'm really amazed at the change in my flock."

Will you do as well? We don't know. But we do know that you mustn't expect eggs from hens that are weak, under-vitalized and lazy. When flocks are deficient in manganese, vitamins, and other essential elements which laying hens require, and which are necessary to pep-up egg production, Don Sung supplies these essential supplements. It does not force or hurt the hen in any way. Why not try Don Sung for your flock? Send 50c for a trial package (or \$1 for the large size holding 3 times as much) to Burrell-Dugger Co., 227 East South St., Dept. 21, Indianapolis, Ind. Don Sung must show you a profit or your money will be refunded. Start giving Don Sung to your flock now.

Kansas H. D. Council Meets



While attending the 13th annual meeting of the National Home Demonstration Council, at Colorado Springs, the Kansas officers met. Here they are left to right: Mrs. John Burge, Lyons, treasurer; Mrs. Hugh Needham, Muscotah, eastern district director; Mrs. Hilton Waite, Scandia, northwest district director; Mrs. Orville B. Burtis, Manhattan, historian; Mrs. Earl Simmons, Ashland, southwest district director; Mrs. R. E. Mehl, Kinsley, secretary; Mrs. Verne W. Alden, Wellsville, president. At the general session Mrs. Mehl reported on UNESCO activities and Mrs. Alden on state council activities for 1949.

Kansas Women Make Report

PRESIDENT Mrs. Verne Alden, of Franklin county, of the Kansas Home Demonstration Council, reported Kansas activities to more than 2,000 women who attended the national meeting at Colorado Springs. She reported that the home demonstration program reaches 36,000 women in 1,808 units in all 105 counties.

Kansas home demonstration units are giving aid and time to CROP. In the international field, Kansas is proud of her UNESCO story and the units have taken part in the program. Stress is being given to work in family-life education under the guidance of Mrs. Vivian Briggs, of the Extension staff.

Mrs. Alden reported that many counties now have active counseling groups who meet regularly for study of family relationships.

Kansas home demonstration council also is establishing a state education committee to start the groundwork for scholarships and study grants for in-service home demonstration agents. This contribution will aid in training Kansas girls to become agents.

The council too, is proud that a skit presented by women from Franklin county won first prize in a national contest. The skit, "Opportunity Keeps Knocking," was written by Mrs. W. J. Phillips.

Master Homemakers Elect

IN COLORADO SPRINGS at the foot of Pikes Peak, the Master Farm Homemakers of Kansas met with members from other states. Eleven from Kansas made the trip, the record state attendance.

Mrs. Bertha Royer, of Dallas Center, Iowa, who is president of the National Guild of MFH presided at meetings and at a luncheon for members and guests. She was re-elected president for 1950 and Mrs. Ida Richards, of Michigan, president-elect.

The membership voted to seek a national sponsor for all states. To date 525 rural women from 22 states have

been honored with the title, Master Farm Homemaker.

Those in attendance from Kansas were Mrs. John Ramsey, Cheyenne county; Mrs. Verne Alden, Franklin county; Mrs. Bertha Jordan, Seward county home demonstration agent and formerly from Rice county; Mrs. Joseph Dawes, Thomas county; Mrs. Orville Burtis, Riley county; Mrs. Louis Buchman, Chase county; Mrs. Robert Lister, Franklin county; Mrs. O. O. Wolf, Franklin county; Mrs. Anna Hansen, Ottawa county; Mrs. Frank Crase, Finney county; Mrs. Harvey Cox, Wallace county.

Cooking in the Future

THIRTY years ago, radio seemed a miracle. Today we're talking of electronic cooking. In fact, it may not be far away. Already it is being used in a small way in big restaurants. The New York Experiment Station says, "Electronic cooking is almost magical in its speed, which is so fast that eggs explode and popcorn can be popped right off the cob, pre-buttered and too hot to eat."

This is of interest to any cook even tho it is still in the experimental stage. The cooking is done by micro-waves which cause excessive agitation of the molecules, producing heat by friction. The electronic cooking range produces energy which cooks the food. Because metal reflects the waves, glass, pottery or plastic dishes are used. The cook doesn't need a hot dish holder either, for the oven and the cooking dishes always remain cool. The waves activate only substances containing some moisture.

Frozen vegetables may be cooked in the package in which they are frozen. The hot vegetable is poured out of the package after cooking, with no cooking water to worry about. Cooked in this way, frozen peas take only 3 min-

utes to be ready for eating. But not all foods are appetizing when cooked by high-frequency. Meat patties, for example, will not brown on the outside. They will cook evenly thruout, but must be browned first by other cooking methods.

Baked products such as bread and cakes as yet are not suited to electronic ovens because they will not brown. Already several companies are developing recipes especially adapted to electronic cooking. This is something to watch. In the future we all may be cooking by magic.

So Much a Dozen

It is a hilarious playlet. Requires a cast as follows: Photographer, bride and groom, an old maid, a family with 9 children. Stage properties are simple and easy to obtain. Setting is an old-time photographer's studio. Send 5 cents to Entertainment Editor, Kansas Farmer, Topeka, for a copy of the leaflet, "So Much a Dozen."

"—NO MORE UPSET STOMACH"

Do you suffer heartburn after meals?...feel logy?...uncomfortable? Then read this heartening letter from a woman who found her way to better digestion and better health:



"Before switching to POSTUM, I suffered both indigestion and nervousness... But now my nerves are quieted and my digestion much improved. No more upset stomach after drinking POSTUM!"

SCIENTIFIC FACTS: Both coffee and tea contain caffeine, and caffeine is a drug which in many persons tends to produce harmful stomach acidity, as well as nervousness and sleepless nights. So while many people can drink coffee or tea without ill-effect, others can't—and this may mean YOU!

MAKE THIS TEST: Give up coffee—give up tea—drink POSTUM exclusively for 30 days—and judge by results! Remember: POSTUM contains no caffeine or other drug—nothing that can possibly cause indigestion, nervousness, sleeplessness! Ask your grocer today for INSTANT POSTUM—A Vigorous Drink made from Healthful Wheat and Bran. A Product of General Foods.

OZARK FREE TO THRIFTY HOME OWNERS

Ozark's

1950 FRUIT AND FLOWER CATALOG
In gorgeous natural color
Mail post card TODAY for your FREE COPY of this book of unusual values.

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3% SAVE BY MAIL

NOW—let your idle funds be earning a LIBERAL dividend. We've been paying at least 3% on savings for 20 years.

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Current Rate SECURITY - AVAILABILITY

UNITED BUILDING AND LOAN ASSOCIATION
MAX A. NOBLE, President
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Effective Cough Syrup, Mixed at Home for Economy

No Cooking. No Work. Real Saving.

Here's an old home mixture your mother probably used, and is still one of the most effective for coughs due to colds. Once tried, you'll swear by it.

Make a syrup with 2 cups granulated sugar and one cup water. No cooking needed. Or you can use corn syrup or liquid honey, instead of sugar syrup.

Now put 2 1/2 ounces of Pinex into a pint bottle, and fill up with your syrup. This makes a full pint of cough medicine, and gives you about four times as much for your money. It keeps perfectly and tastes fine.

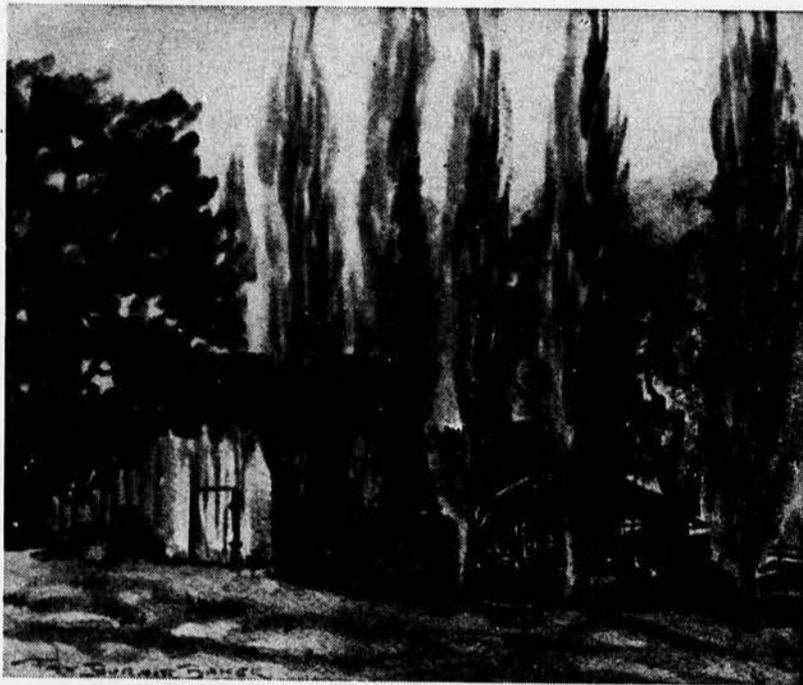
And you'll say it's really excellent for quick action. You can feel it take hold swiftly. It loosens phlegm, soothes irritated membranes, helps clear the air passages. Thus it makes breathing easy and lets you get restful sleep.

Pinex is a special compound of proven ingredients, in concentrated form, well-known for its quick action on throat and bronchial irritations. Money refunded if not pleased in every way.

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

Something New in Auctions

Proceeds Go for Crippled Children



Fay Burnitt Baker, of Ardmore, Okla., calls her water color, "Red Barn and Poplars." It will go up for auction early in December in Topeka.

IT IS something new in auctions . . . new from every angle, an auction of paintings, the proceeds to go to the Capper Foundation for Crippled Children.

Early in December the auction will be held in Topeka. Pictures from artists are now arriving and plans will be completed soon for the auction. Some are oil paintings, some water colors, some lithographs, some on silk, landscapes, cityscapes, still life and combination. Some are by art students, some by art teachers and some by nationally known artists like Peter Hurd and Henry V. Poor.

This very unusual endeavor was projected recently when Albert T. Reid, nationally known artist-cartoonist drew funny pictures for the handicapped children at the Capper Foundation Center in Topeka. Reid was so impressed with the fine work with the crippled children that he offered to give one of his paintings to raise additional funds.

The idea spread like fire. Artists from all over the country are following Reid's example. Mrs. Harry Woodring, of Topeka, has presented a large painting of a Blackfoot Indian done in water color and crayon. Kady Faulkner, of the art department of the University of Nebraska, has given a water color called "Garden of the Gods." Miss Faulkner wrote to Senator Capper, "Your project interests me particularly as I was a crippled child and thru excellent care am now able to walk as well as anyone."

Peter Hurd, of New Mexico, is sending a water color of a scene near Alamogordo in his home state. He is nationally famous, has pictures in the Metropolitan Museum, New York City, and the Kansas City Art Gallery and in many other collections over the world.

Both the Sandzen artists, father and daughter of Lindsborg, Kan., are sending pictures. Birger Sandzen, probably the dean of Kansas artists,

is donating a print and his daughter, Margaret Sandzen Greenough, a water color which she calls "Kansas Pasture."

Henry Varnum Poor, formerly of Chapman, Kan., now a well-known professional painter of New York City, is donating a picture. His paintings hang in most American museums and in many private collections.

Missouri is well represented, also. Fred Conway, of Webster Groves, a teacher of painting at Washington University is sending a picture done in oil and wax. Anna Marie Hennessy, of Wayland; Eugenia Hart, Richmond Heights; Frank Bruning, of St. Louis; George Latta, of Fulton; Mrs. Evelyn Bly Hackmeyer, of St. Louis; Arline McNutt, of Parkville, and Thelma Notter Webb, of St. Louis, are some of those also contributing their art work to the foundation.

At present about one-half of the children at the Crippled Children Center are from Missouri, the remainder from Kansas and nearby states. There the children receive medical care, schooling, recreation . . . in fact, every care known to be beneficial to crippled children. Some of the finest trained people in the country are in charge of the center. There is an enormous need for care for more children. The center at Topeka can accept only a small per cent of the applicants due to lack of facilities. The proceeds of this art auction will make more funds available for more care for more children. There is a long waiting list.

All the money received at the auction will go to the Crippled Children Fund. A catalog is being prepared listing all the pictures and artists, which will be available to those interested. Write to the Capper Foundation for Crippled Children, Topeka, Kansas, for a free copy. Your cash donations sent in at the time of the auction will be considered as bids on any picture selected. See coupon on page 26 for free catalog.

Women Interested in UNESCO

THE real story of UNESCO in Kansas is the story of a popular movement for self-education in world affairs and personal action for world peace," said Mrs. R. E. Mehl, of Edwards county, who reported on the subject to the more than 2,000 women who attended the annual meeting of the National Home Demonstration Council at Colorado Springs the first week in October.

She added that a large per cent of the people who participated in the early growth and development in Kansas were home demonstration women and their efforts have continued and expanded from year to year. Today there are 40 county councils and 20 state organizations affiliated with the state UNESCO commission. More than 20 county councils have educational and cultural affiliations with similar communities abroad. This program is a 2-way plan; the interchange of ideas and cultures that bring about understanding on both sides.

She concluded with "It is a program of international goodwill that is helping Kansans to better understand themselves by understanding their neighbors abroad."

I USE RED STAR DRY YEAST IN ALL MY BAKING RECIPES

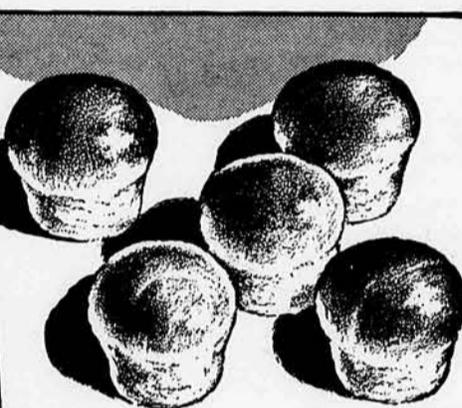


RED STAR DISSOLVES FASTER... IT'S SPECIAL ACTIVE

30 MINUTE ROLLS

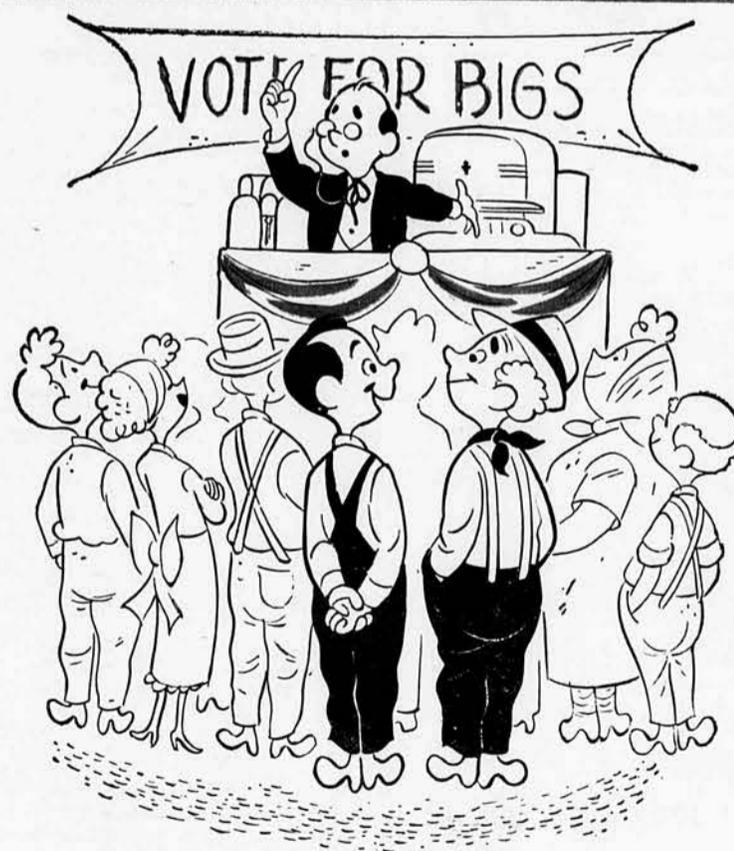
| | |
|--|---|
| 2 packages Red Star Special Active Dry Yeast | 1 egg |
| 1½ cups warm water (105° to 110° F.) | 3 cups sifted all purpose flour |
| ½ cup sugar | 2 tablespoons shortening, melted and cooled to lukewarm |
| 1½ teaspoons salt | |

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.

Buy United States Savings Bonds



"Skelgas in every home? He can't lose!"



When Skelgas comes into your home, you know the real meaning of modern living. For mere pennies a day, Skelgas brings you speed cooking, automatic hot water service, dependable refrigeration. See your Skelgas dealer today.

SEE THE AMAZING NEW 20-20 SKELGAS RANGE TODAY!

TUNE IN Alex Dreier, Lloyd Burlingham, NBC
DIVISION OF SKELLY OIL COMPANY, BOX 436, KANSAS CITY, MISSOURI

"I saved money with Strongbarn..."

— PATENTED ROOFING AND SIDING —



REPORTS

Henry Alhorn

MEREDOSIA, ILLINOIS

"The barn I just finished cost me less because I used Granite City Strongbarn corrugated roofing,"

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Strongbarn Galvanized Steel Roofing and Siding is Stronger, Better, Cheaper

STRONGBARN is stronger than 26 gauge conventional roofing even though 21 lbs. per square lighter.

STRONGBARN is easy to apply. Because it is stronger and tougher, it wears longer and better.

STRONGBARN means tighter roofs and siding. It stays flat and even, with tight joints. That's why it resists winds that tear and buckle conventional roofing.

STRONGBARN saves you money because it is lighter. Also because Purlins and Girts in new buildings can be spaced further apart than required for conventional galvanized roofing and siding.

See your dealer or write

GRANITE CITY STEEL COMPANY

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Patterns for All



9454
SIZES
2-8



9414
SIZES
12-20



4792
SIZES
34-50

9454—Precious bib-frock done in swiss organdy for party wear or for a sun dress, too. Bloomers to match. Sizes 2 to 8. Size 6 dress, 2 1/4 yards; bloomers, 3/4 yard of 35-inch material.

9414—Casual with slimming lines and the new plunging V neckline. Sizes 12 to 20. Size 16 requires 3 3/4 yards, 35-inch material.

4792—Cool and crisp button-fronter. Scalloped neckline yokes. Sizes 34 to 50. Size 36 requires 4 yards of 35-inch material.

9367—Dress and bolero outfit, gaily scalloped. Sizes 12 to 20. Size 16 frock and bolero requires 3 1/2 yards and 1 1/4 yards contrasting 39-inch material.

4653—Essential summer classic with slenderizing details. It's cool and comfortable. Sizes 12 to 20 and 30 to 42. Size 16 requires 4 1/2 yards of 35-inch material.



4653
SIZES
12-20
30-42



9367
SIZES
12-20

Send 25 cents for each pattern to the Fashion Editor, Kansas Farmer, Topeka. Summer Pattern Book will be sent for 15 more cents.

Life in the Netherlands

By EVELYN HABERMAN



Evelyn Haberman

Here is letter No. 7 from Evelyn Haberman, of Heizer, one of our 4-H'ers who has been spending several weeks in Holland.

MY BAGS are packed and I am on my way home. What a job it was to pack—2 suitcases (really full), and a small box that required an afternoon of packing and repacking.

The last morning at the home of my host passed very quickly. Before we realized, it was train time and we were hurrying to the station 8 miles away. Soon I was on my way to Bergen, North Holland, where I was to meet the other 2 delegates.

There was about a 6-hour ride to my destination, so I turned my thoughts back to my experiences on the Netherlands farms. It hardly seemed possible that I had been living on these 2 farms for 3½ months, but time passed quickly.

On the farms, I helped with the work as much as I could which consisted mainly of housework. In addition to working, the families were very eager to make my stay an enjoyable one, so I was taken to see many places.

Grew 2 Crops a Year

I was taken to visit several farms, most of them general farms. But one of particular interest was a plant breeding farm. Work had been carried on for several generations on this farm. It had grown and increased until now this farmer was farming about 500 acres, and was conducting breeding experiments with about 15 varieties of crops important to Western Europe. It was interesting to learn that before the war this man grew 2 crops in one year. His first crop was grown in the Netherlands, and then the seed was shipped by air to South Africa where his second crop was grown.

As the Netherlands is highly industrialized, I was taken to visit several factories; they were a milk factory, cardboard or rather a straw factory, a potato factory and a sugar factory. We also did some sight-seeing and traveling for pleasure. Like the afternoon we just drove around thru the country of Groningen and then went to a lake resort where many people were sailing; and in the evening we went to a movie. Another afternoon we visited an old castle of many centuries, which has now been converted into a museum. From here we proceeded to an eastern border town, Deltple, where we could see the hills of Germany. We also visited an interesting village called Gie-thorn. Here everything is done on the water; weddings, funerals, marketing and all things are done on water by boat.

On my farm in Limburg it seemed as if I was always visiting some place or thing. For one thing, this part of Limburg is the tourist center of the Netherlands and there were many things close by that I could see.

One of my most exciting moments was the trip down into the coal mine. First of all, I had to put on an entire miners outfit. Did I look a sight—the clothes were too big and they hung; my hair was tied up in a bandana and on top was a miner's helmet; and I also had on big gloves and shoes. There were 5 of us who got to go—my hosts and the director and wife. It is seldom anyone gets to visit the mines, but I was given permission. Well, after the preliminaries, we were on our way; going down in the elevator. We went

down to about 500 feet. It was Saturday afternoon and there was no actual mining, but I could see how such would progress. During the visit, we climbed up to a coal seam. All this was very interesting and I was just blacker than black when our little trip was over.

I visited many old farms dating from the 12th, 15th and 17th centuries. Another farm of Mr. Smits' father dates back to a beginning in the 100's; the buildings are from about the 12th century. The walls of these farm buildings are very thick. From 1 to 2 feet. They are built in a square and are made of rock. There also is a large ditch encircling the farmstead. This is the nature of the older farms.

In a Mushroom Cave

I visited the catacombs near the town Valkenburg; they are in imitation of the real Roman ones. I was told they are very good imitations. Also near Valkenburg, I saw a mushroom cave. Mushrooms are grown in these dark tunnels or caves, because here they have the same temperature of about 45 degrees the year around, and they need a constant temperature.

Mr. and Mrs. Smits took me to see the country in Northwestern Belgium a couple of times, also to Luxembourg. These days we always had fun and we always took a picnic lunch along. The one time we went to Belgium, we stayed for the evening at the town Liege and went dancing. The other time we went to an "Ice Revue" also at Liege. This was a beautiful show coming from Vienna. It featured many skaters and starred the 1949 European Olympic champion. This was a wonderful show; beautiful costumes and perfect performances. The skaters did all kinds of dances—some in short skirts; some in long skirts, and many other costumes. Some of the time I forgot the performance was on skates, it seemed so much like a stage show of dancing. The most beautiful act was the dance to "The Blue Danube." Skaters had on long blue gowns with full skirts trimmed with sequins. Of course there was a comedy man who was very good.

I went one day to an agricultural exposition, which is something like our state fairs. The big difference is they have no livestock exhibits, but more industrial exhibits. For example, one exhibit featured an entire shoe factory in operation, another a textile-weaving loom in operation. There were many fruit and vegetable exhibits; a model farm; quite a lot of machinery. Not to be forgotten was a rather large carnival which accompanied the exposition. I only walked thru it, but the rides and stands seemed mostly like the carnivals at home.

Saw Good Cattle

One day I went with a friend to a big cattle show. I saw some very good cattle here; in fact, the top of the 3 main breeds in the Netherlands. It is customary that a separate show be held for each breed, but this year they were combined to have a big show in honor of the 75th anniversary of their herd book. Their 3 breeds of cattle are the Friesian black and white, the Groningen black, white head; and the red-white Meuse-Rhine-Ijssel. The cattle were lined up in show barns as they are at home. From the barns they were led to rings in front of the grandstand where final judging was done. I was right out there in the ring taking pictures of the champions. It was not permissible for people such as I to be in the ring. But I became acquainted with the commercial photographer and went along with him and he helped me get my pictures. To wind up the show, there was a grand parade in front of the grandstand.

Another event I enjoyed was the Netherlands-Canadian convention which was held at Rotterdam. This organization was started soon after the war and there has been quite a lot of interest shown. The day ended by having a reception at the home of the Canadian ambassador.

I also have visited a girls' agricultural school and what they call a secondary school. At the secondary school I spoke to the English class; these students were studying their third year of English. It was rather difficult to speak as I knew there were many words they could not understand. This was an experience for me as well as for them.

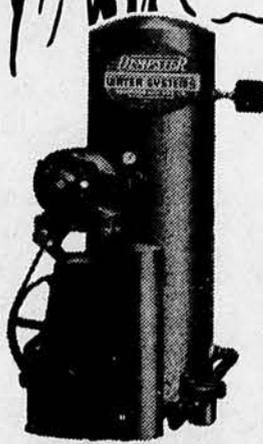
These were some of the highlights of things I have done and have seen while living on Dutch farms.

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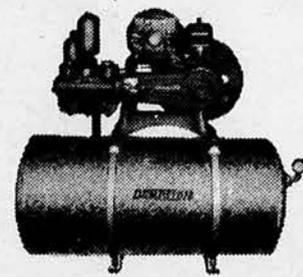
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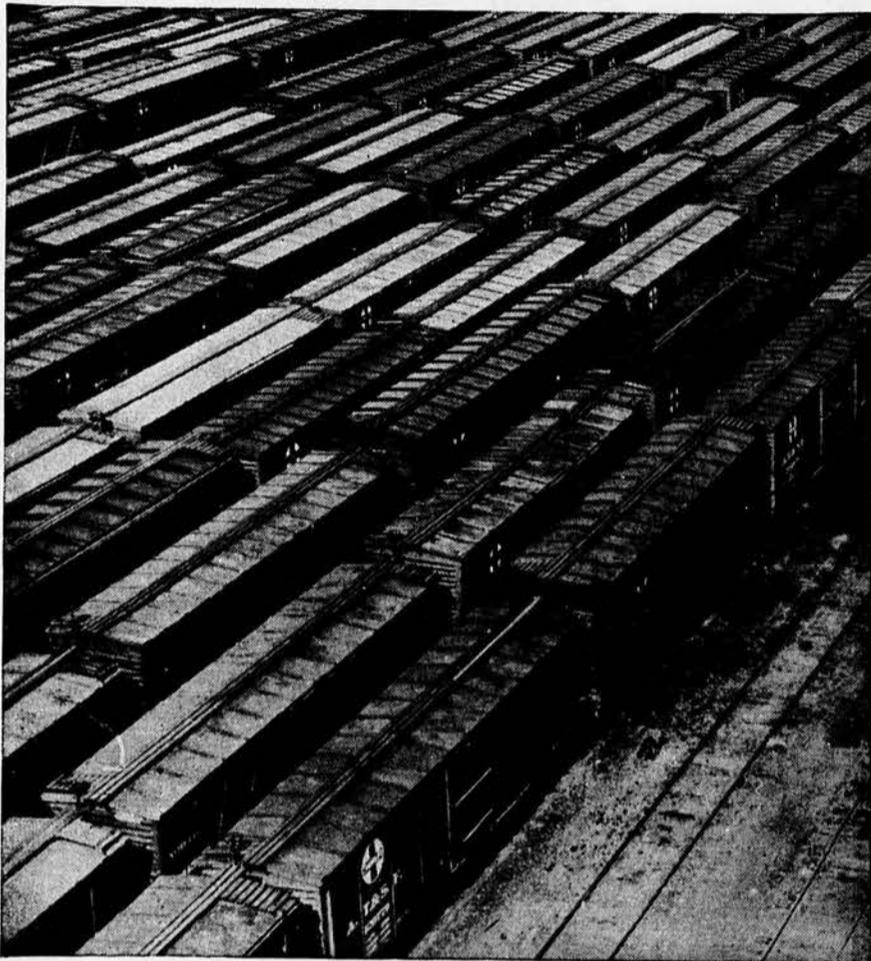
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The acid in silage, over a period of years, causes the lining of silos regardless of construction material, to disintegrate. Immature feeds and excessive moisture silage, being extremely high in acidity, are especially injurious to silo linings.

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SCIENTIFIC FACTS: Both coffee and tea contain caffeine—a drug—a nerve stimulant. So, while many people can drink coffee or tea without ill-effect—others suffer nervousness, indigestion, sleepless nights. But POSTUM contains no caffeine—nothing that can possibly keep you awake!

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These Newfangled Chicks Find Growing Demand



Efficiency is the word in hybrid chicken breeding. Here is H. B. Wallace, general manager of Hy-Line Poultry Farms, with one of the inbred pullets from a mating pen of one of the company farms. This building has 138 pens, can handle more than 1,200 chickens, and is complete with trapnets for careful recording of egg production, running water, feed bins and other conveniences that permit care of the birds without entering the pens.

EVEN 'chirp' can be bred into a chicken," was the surprising comment of H. B. Wallace to 75 farm paper editors, writers and hatcherymen recently in Des Moines. Wallace is the son of former presidential candidate Henry Agard Wallace. He is general manager of Hy-Line Poultry Farms, which is a subsidiary of Pioneer Hybrid Corn Company.

Young Wallace, commonly referred to as H. B., speaks with authority in this matter of producing corn and chicks "as you want them." Now in his mid-thirties, H. B. already has had quite a few years of experience with inbreeding poultry. He started with a back-yard flock of poultry when in the 7th grade.

Later his poultry work was interrupted by college and Navy duty. But after his release from service, H. B. was right back into the chicken business.

In the meantime, the Pioneer Corn Company started working with inbreeding and crossbreeding of chickens. Hy-Lines became a department of the parent company back in 1936. It took several years before Hy-Lines came on the market. It takes literally hundreds and hundreds of crosses and inbreeding before a desirable result is obtained.

But after the first 6 or 7 years, increases became astounding. In 1942, there were 142,000 Hy-Lines available for commercial production of eggs. By 1947 the figure jumped to 2 1/4 million. Last year another increase was made to 8 million and this year more than 15 million were produced. The goal is 50 million in 1952.

Every stage in production of chickens that assertedly produce more eggs or more meat came under the scrutiny of the farm paper writers while on the day-long tour of Hy-Line farms. H. B. supplied the running commentary.

Dependability, developed by careful

inbreeding and crossing, is the by-word in the business. Inbreeding is the key to this dependability. Brothers mated with sisters thru several generations produce the strains of purified standard lines which then are crossed to emphasize the desirable qualities.

The Hy-Line operation obtains eggs by placing final-cross flocks on the farms of farmers to produce hatching eggs. Eggs from these flocks are graded and sorted, then shipped to associated hatcheries all over the nation where they are hatched and chicks delivered to customers.

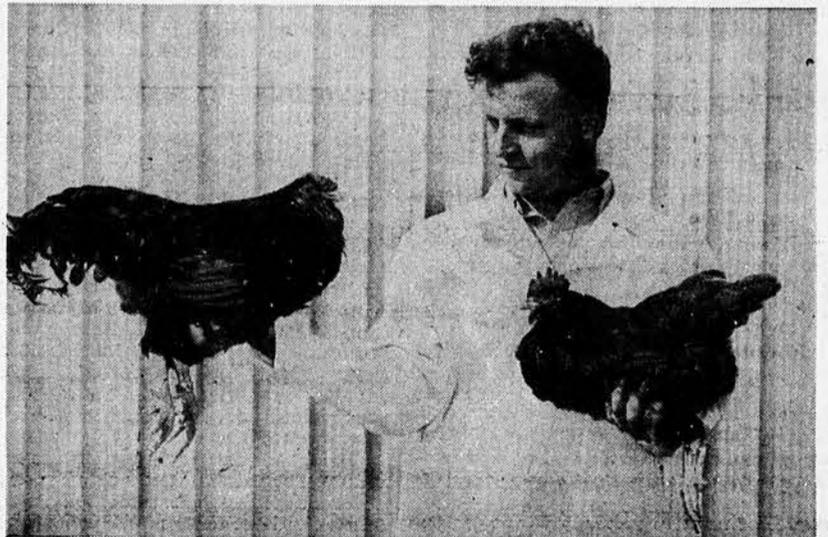
There is a variation in this pattern. So-called "parent hatcheries" located in several regions of the country also produce eggs from parent flocks. One of these is J. O. Coombs and Son, Sedgwick, right here in Kansas. The eggs from this extra large flock then go to hatcheries for hatching and delivering.

Operations at the Coombs farm and hatchery reflect the pyramidal growth of the parent Hy-Line company. In 4 years Mr. Coombs says they have either doubled or tripled their output each year. Last year's output was close to a half million. The goal for this season is 1,200,000.

There now are 4 main Hy-Line breeding farms, 3 in Iowa and one in New York. Expansion is going on all the time. And while expanding, they also are experimenting with new inbred lines and new crosses.

In addition, checks are constantly in progress on the work they are doing, comparing Hy-Lines with other breeds. These checks are being conducted in many states. And they are being made right out on the farms of customers.

If producers of these inbred, cross-bred chickens have their way, the story of acceptance of chickens will parallel the story of hybrid corn. The more inbreeding there is, the more dependable are the crosses and the better satisfied are the customers.



Key to producing dependable hybrid chickens is inbreeding, says Robert Arvidson, in charge of the Hy-Line technical staff. The brother and sister inbreds which he holds will be further inbred to perfect the strain, then crossed with other inbred lines.

Now That You Have Electricity

By CHARLES HOWES

OUR cover model this issue, Mrs. Anthony Rieke, Johnson county, was mighty proud that Kansas Farmer selected her electric kitchen for a photograph. This room was a major project in the Rieke remodeling program—and results are unique and pleasant.

The room is long, extending north and south from the main part of the home, and is illuminated by picture windows on the east and west. Under the west window is her sink, flanked by long work space over and under the cabinets. By the east window is the breakfast table.

At the north end are fireplace, birdcage and knickknack shelves. The range, refrigerator and an electric roaster are grouped handily at the south end. Mrs. Rieke announced she was counting on using the roaster to cook the Thanksgiving turkey, which leaves the oven to handle all the trimmings. The Riekes have 2 daughters, Marlyne and Janelle Marie who promise to help dispose of the bird.

An official for one of the major electric equipment companies recently pointed out more than 85 ways of "getting money" from farm welding equipment. He listed 37 repairs on farm equipment, 7 ways of making equipment more useful, 36 devices that can be made on the farm, and 7 ways of adapting equipment to individual needs of the farm. At any rate, it would seem a farm that uses power equipment to any extent would find a welder of considerable value.

At the Manufacturers Show in Wichita last month we ran across a Kansas concern that has placed a timely item on the market. A heater-fan that performs the double duty of providing circulated heat in winter and is a cooling fan in summer. For the problem of instant heat, for drying nail polish or hair, drying out damp rooms or closets, even for getting the car engine warmed up for a fast start in winter, the makers claim this is an answer. We can see where something of this sort would be a great help on a farm, come these cold mornings and evenings.

It was just 70 years ago last month that Thomas A. Edison completed his experiment that produced the first incandescent electric light. Look at it now. The history of its growth and de-

velopment is much too long and involved to relate, interesting tho it is. But it is well to note in passing that his invention completely changed life all over the world by artificially lengthening the day. Farmers can appreciate the significance more, probably, than anyone else since their uses of electric lighting are greater in number and variety than most other operations. Furthermore, inasmuch as the principle of the electric light involves a filament that produces heat, the farm now uses the idea for everything from heating water to drying crops, from heating brooder house floors to making toast. It's all the same idea, only adapted to farm situations, hundreds of them.

It's getting close to butchering season and we were speculating last week about how many ways electricity can be applied to that. We thought first about hot water, a plentiful supply of electrically-heated hot water from the tap is desirable. An electric motor might be used as a carcass hoist. We've seen packing plants use electric hand saws to halve beef and pork, and there is electric singeing equipment on the market that might finish the job of cleaning the hide. Then, of course, there are electric freezers for storage.

For farmers with herds of fewer than 10 cows, a major electric manufacturer has produced a milk cooler to handle three 5-gallon cans or two 10-gallon cans. It also can be used to cool cream in larger dairies, and it is claimed the mechanism will reduce the fluid temperature from 90 degrees to 50 degrees in an hour. The box is made of heavy-gauge galvanized steel and is equipped with a hermetically sealed refrigeration unit and a motor-driven water circulator.

An automatic screw driver attachment for any electric drill has been introduced by a Kansas City manufacturer. It automatically centers on the screw groove and releases itself when the screw is driven home. There are 3 models described.

A few more copies of the "Farm Wiring Guide," "Electricity in the Milkhouse," "Electric Heating on the Farm," "Electric Lighting on the Farm," and "Motors and Controls," the 5 booklets which were offered by Kansas Farmer recently, have been received and can be obtained by subscribers. Necessarily, the limit is 2 per customer. A note addressed to Kansas Farmer "Electric Column," 912 Kansas Avenue, Topeka, stating which of these you wish will bring them by return mail until the present supply is exhausted.

Corn Borer

The European corn borer appeared in Kansas during the summer of 1949 to add to the problems of corn production. In its new environment, the borer may not respond to the methods of control employed in the Corn Belt states. For that reason, the entomologists, as yet, have not published recommendations for control, but are working in an effort to formulate their recommendations by early winter.—Carl B. Overley, K. S. C.

Set High Record

Morris county 4-H'ers can well be proud of the record set for completion of projects in the last year. County Agent Joe Neill reports 13 clubs in his county have a record of 97.7 per cent completion of projects this year. Last year Morris county clubs had a record of 96 per cent completion which tied them with 3 other counties for first place in the state.

Eight of the Morris county clubs had 100 per cent completion of records. Lowest was 90 per cent. Two years ago the county average was only 76 per cent.

There are 236 members in the 13 clubs. They accounted for 867 county exhibits and an even 100 state exhibits this year.



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An Aerial Conference

The first combined airport and aerial spray conference in Kansas will be held November 30, December 1 and 2 at Manhattan. The 3-day meeting is sponsored by the KIDC Division of Aeronautics, Flight Operators Association, Kansas State College and Kansas State Board of Agriculture.

The airport conference has been held several falls. The aerial spray conference was held the first time last February. This year the 2 meetings are brought together.

"Airport Problems" will be discussed the first day, on Wednesday. Thursday morning the subject will be "Weed Control," including both a report on results and recommendations. "Insect Problems" will be discussed Thursday afternoon with particular reference to aerial application of insecticides.

"Equipment" for use in aerial application of insecticides, herbicides, fertilizers and seeds will be discussed Friday morning. And Friday afternoon will be devoted to safety measures which apply to aerial agriculture.

Feed Hungry Fields

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Manure is Like Money

MAKE IT GO FARTHER WITH A CASE SPREADER



Quick HITCHING

No need to lift the front end of the Case tractor spreader, nor to prop it up. The self-raising hitch rests right on the ground while hooking up; lifts front of box when tractor starts. Sliding clevis makes hitching easy, quick, safe. It's so handy that daily spreading is really practical, whether you have big herds or only a few head.

Easy LOADING

Low wheels and low box make loading easier, faster, whether by hand or by mechanical loader. Self-raising hitch lets front of box down for still lower loading. This Case spreader backs into barns, pulls close to piles like a two-wheel cart. Sturdy steel frame, long-lived bearings and good lubrication give it long life with low upkeep.

Sure SPREADING

Wheels are placed so weight of load aids their "ground grip" until unloaded; full load adds weight to tractor wheels. Sharp beater teeth shred thoroughly; steadier apron travel assures even spreading. Geared for rubber-tired speed, this spreader makes practical the extra gains of thinner spreading on greater acreage.

Send for free booklet "Handling Manure for Extra Benefits," based on experiment station data. Tells how to save, store, and use manure for greatest gains. J. I. Case Co., Dept. L-47, Racine, Wis.



CASE

Tired Kidneys Often Bring Sleepless Nights

When disorder of kidney function permits poisonous matter to remain in your blood, it may cause nagging backache, rheumatic pains, leg pains, loss of pep and energy, getting up nights, swelling, puffiness under the eyes, headaches and dizziness. Frequent or scanty passages with smarting and burning sometimes shows there is something wrong with your kidneys or bladder. Don't wait! Ask your druggist for Doan's Pills, a stimulant diuretic, used successfully by millions for over 50 years. Doan's give happy relief and will help the 15 miles of kidney tubes flush out poisonous waste from your blood. Get Doan's Pills.

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Grinds any feed—green, wet or dry. Snapped or ear corn, roughage bundles or bale flakes and no monkey business. It really grinds, and with ordinary farm tractor. Has both cutter head and heavy swing hammers. Adjustable Drop-Apron Feeder works in any position from ground to truck bed height. Get full information on this real honest-to-goodness Bear-Cat Grinder. Four sizes. Write—Western Land Roller Company, Box 136 Hastings, Nebr.

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 Spectacular Horse Shows Daily
 Carlots Fat Cattle, Sheep and Swine
 National Sheep Shearing Contests
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 International Grain and Hay Show
 National 4-H Club Congress



Eggs Bring a Premium To These 18 Farms

WINNER of first-place award in the Seymour quality egg improvement contest is Mrs. Cletus Moore, Meriden. She received a \$75 Savings Bond, and will receive 1 cent a dozen extra premium on top-quality eggs produced from her flock from November 1 this year until November 1, 1950.

Contestants were to write a letter to the company on the subject: "What I have done to improve the quality of my eggs." The contest ran during July and August, with all letters due at the office of E. H. McLaughlin, with the Seymour Packing company, Topeka, by September 1. Letters were judged by M. E. Jackson and M. A. Seaton, Extension poultry specialists, at Manhattan.

Mrs. Moore and her husband were the subjects of a feature story which appeared in Kansas Farmer for July 16, 1949. The story was headed, "This Poultry Plan Is Different." In addition to producing quality eggs that bring a premium price, the Moores are working on a poultry plan that is designed to produce the most eggs when the average price per dozen is highest. That calls for January chicks. Pullets that will be in full production during the last 6 months of the year.

Then, to offset production costs of a laying flock, they produce broilers out of the straight-run January chicks. As a result their investment in pullets up to laying time was only 56 cents each this year.

These Folks Won, Too

Second-place winner in the contest, receiving a \$50 bond and 1 cent premium for eggs for a year, is Mrs. Gilbert DeMeritt, Moran. Third place went to Metta Tarning, Lincoln, good for a \$25 bond and the premium on quality eggs.

Other contestants writing first-place letters in their respective territories will receive the 1 cent premium for each dozen of quality eggs marketed for a year from November 1, 1949.

These include Mrs. Fred Heine, Alma; Mrs. J. I. Griffie, Axtell; Mrs. Carrol Wahl, Westmoreland; Mrs. G. W. Clem, Corning; H. R. Gilliland, Lyndon; J. M. Stulzman, Conway; John Gunnerson, Lindsborg; Mrs. Robert H. Hanson, Jamestown; Mrs. Earl White, Gypsum; Mrs. Carl Leutert, Valley Falls; Neva Allen, Garnett; Charles Hollern, Esbon; Mrs. R. E. McMillan, Formoso; Mrs. Glen Hess, Burlington; B. M. Hutchins, Osage City.

In addition to trying a new poultry

management plan on their farm just north of Meriden, Mr. and Mrs. Cletus Moore, first-place winners, are applying all the old recognized standards for quality egg production. Her letter, reproduced here, tells the story:

"Having read the circular on Producing and Marketing Quality Eggs in Kansas, published by Kansas State College, I want to tell you what we have done to improve the quality of our eggs.

"In January we converted the hay-loft in our barn into a laying house for 500 pullets. We provided plenty of cross ventilation and have a built-up litter of straw. This keeps the floor dry and by using plenty of compartment-type nests with deep, clean straw, we have virtually eliminated dirty eggs.

"We gather eggs 3 times each day. Broody hens are taken off the nests each evening. This helps keep eggs clean, and by gathering in wire baskets and putting them in our cave we get them cooled down as quickly as possible. We have a sand trap with moist sand, covered with slats, and set the eggs, in the wire baskets, over this wet sand. We find eggs cool faster this way and the air cells stay full and small.

Use Care in Packing

"We pack our eggs in pre-cooled cases with small ends down. Any specks of dirt on the eggs are buffed off with a sandpaper buffer. Our eggs are marketed twice a week.

"We use New Hampshire hens and they are fed a balanced commercial feed supplemented with home-grown grain. We find by using a consistent feeding program that our egg yolks run a uniform color and our production holds up better. We installed an electric pump near the barn and have water piped up to the loft. This provides plenty of fresh water with a minimum of work.

"All cockerels are sold out of the flocks as broilers and all eggs produced are infertile.

"One thing that has proved of great benefit in producing quality eggs was the installation of an egg candler so we can see for ourselves the way quality is influenced by different methods of handling eggs.

"We now see the advantage of producing good quality eggs and marketing them on a quality basis. We feel that we are well paid for the extra work it takes to produce quality."—Yours very truly, Mrs. Cletus Moore, Meriden, Kan.



Winner of the Seymour Packing Company quality egg improvement contest, Mrs. Cletus Moore, Meriden, receives a \$75 bond from E. H. McLaughlin, Topeka, representative of the company.

From a Marketing Viewpoint

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

I have some shoats weighing 170 to 180 pounds and plenty of corn. Should I plan on selling when they reach 200 pounds or feed a little longer?—D. S.

Further declines in hog prices during the next 2 months are likely to be moderate. Hog prices already have declined about 30 per cent from the summer peak reached in August. This decline is considerably more than the 1922-41 average decline of about 20 per cent from the summer high to the winter low. Altho marketings will increase seasonally during late November and first part of December, the early marketing of a large number of spring pigs probably will tend to flatten out the usual December bulge in marketings. General business activity is still at a relatively high level and is expected to remain fairly strong for some time. With the exceptionally favorable feeding ratio which now exists, it should be profitable to carry your hogs up to 220 to 230 pounds.

I will need to buy some corn sometime during the coming year to maintain my feeding program. Would you advise buying it now or later?—D. W.

It appears as if this fall will be the time to lay in a supply of corn for later needs. Reports indicate the volume of distress selling will decrease rapidly during the remainder of the harvest period. Prices are substantially below loan levels, and producers are reluctant to sell corn that will qualify for a loan or purchase agreement. If corn can be purchased locally you may be able to save the difference between "ship-out" and "ship-in" costs. However, in purchasing corn now you must take into consideration the loss from shrinkage and possible insect and rodent damage.

At what level will dairy products be supported under the Agricultural Act of 1949?—L. K.

The Agricultural Act of 1949 makes price support mandatory on milk and butterfat at from 75 to 95 per cent of revised parity. Using the mid-October parity index, this would mean support at from \$3.29 to \$3.94 per hundredweight on wholesale milk, and from 52 to 63 cents a pound for butterfat. Of course, the parity index could decline.

Using present prices adjusted to an annual basis, farmers in the U. S. were receiving \$3.90 per hundredweight for wholesale milk and 60 cents a pound for butterfat during October.

I understand eggs may be supported in 1950 anywhere from 0 to 90 per cent of parity at the discretion of the Secretary of Agriculture. What things will he take into account in making his decision?—C. E.

The Agricultural Act of 1949, Title IV, Sec. 401(b) specifically prescribes that the following considerations shall govern the Secretary of Agriculture when he determines support levels for non-designated commodities:

- (1) The supply of the commodity in relation to the demand.
- (2) Price levels at which other commodities are being supported.
- (3) Availability of funds.
- (4) Perishability of the commodity.
- (5) Importance of the commodity to agriculture and also to the national economy.
- (6) Ability to dispose of stocks acquired thru a price-support operation.
- (7) Need for offsetting temporary losses of export markets.
- (8) Ability and willingness of producers to keep supplies in line with demand.

Machinery Helps

Farm income is in direct proportion to the amount invested in farm machinery, says Arthur W. Turner, of the U. S. Department of Agriculture in Washington.

"States with the greatest investment in farm machinery now rank near the top in per capita farm income," he points out. "California, Iowa and Illinois rank in that order on production and hold practically the same position in value of modern machines and labor-saving equipment per farm."

Profitable Draws

Drainageways are the keystones to soil conservation, points out R. C. Lind, extension soil conservationist at Kansas State College, in Manhattan. Usually draws or drainageways running thru a cultivated field grow up to weeds, or crops growing in them are washed out. These areas seeded to grass and alfalfa will produce more in dollars of production as hay or forage than any other crop on the farm, Lind says.

MYRTLE . . . Right Around Home

By DUDLEY FISHER



ONE STANDS OUT . . .



Roberta Woodson of Douglas, Oklahoma, an outstanding farm girl, whose steers have twice been grand champions in the state, over all FFA and 4-H contestants.

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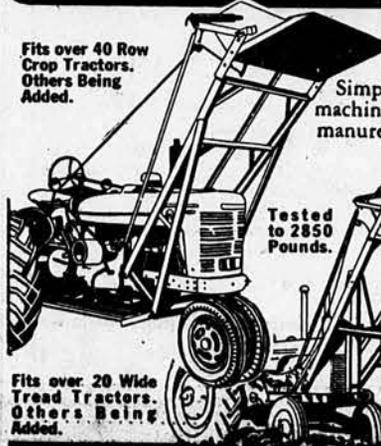


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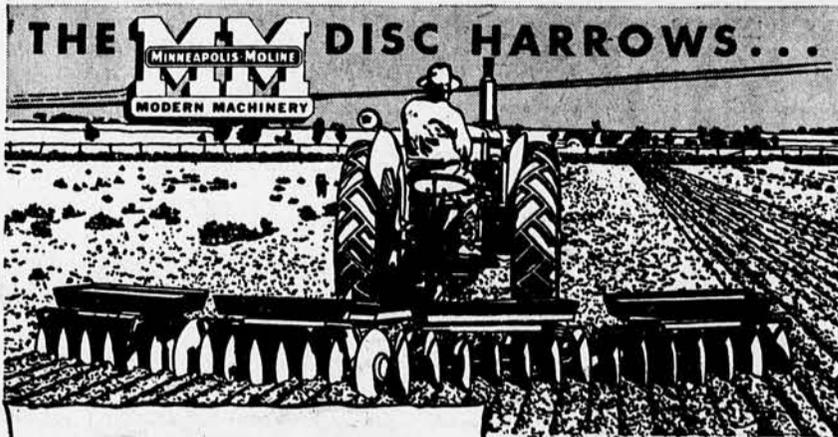
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They Follow the Tractor!**

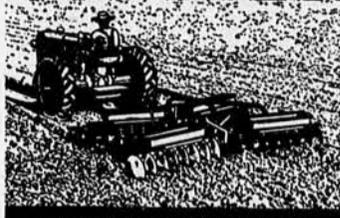
In loose soils... in ordinary soils... in soils difficult to penetrate, MM Disc Harrows uniformly break up clods, smooth out ridges, fill up holes without digging in—even on the turns. MM Disc Harrows provide well-worked uniform seed beds for proper planting, more uniform germination and ripening of crops.

Constructed for heavy-duty service, designed for strength without great bulk or weight, MM Disc Harrows last longer, perform better, handle easier, and operate more smoothly. They have extra width capacity and better penetration because of proper disc spacing.

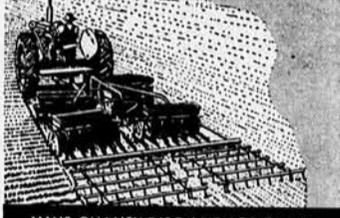
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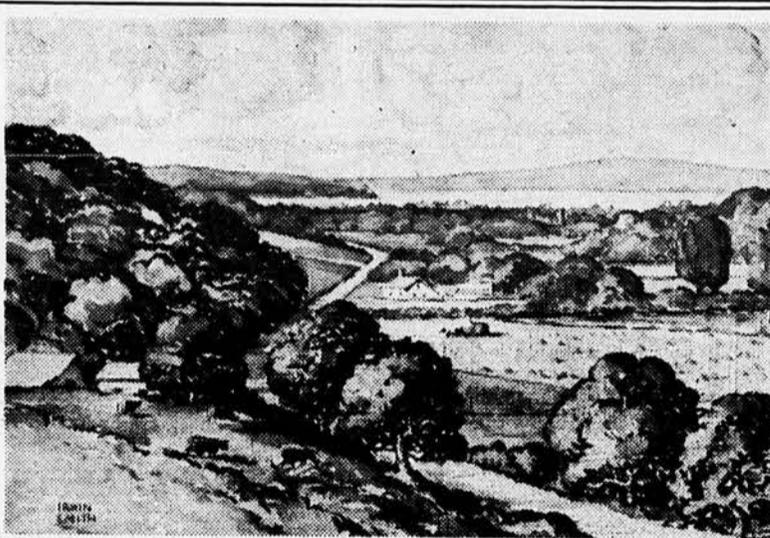


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"Green Valley," a transparent water color by Irwin Smith, a Topeka artist, is one of the many original paintings that will be sold at public auction in Topeka early in December, the proceeds to go for the benefit of crippled children.

**Artists Donate
PAINTINGS
for Crippled Children Auction**

Artists throughout the nation—hundreds of them—are donating original paintings also some charming prints to be sold at auction for the benefit of crippled children. Your cash donation to The Capper Foundation, if sent in by December 1, will count as a bid on your choice of these pictures. Send coupon today for catalogue of paintings so you can select a picture at the time you make your Thanksgiving or Christmas offering for crippled children.

**THE CAPPER FOUNDATION
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Capper Building, Topeka, Kansas

Dear Sir: Please send me a free catalogue containing descriptions of paintings to be sold at auction, the proceeds to go for the crippled children fund.

Name.....
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Legumes Need Nitrogen, Too

(Continued from Page 4)

weeds. In most cases they never got tall enough to interfere with grain harvest."

Farmers in Miami county are going strong for seeding legumes in wide-spaced grain crops and fertilizing with phosphate and nitrogen. They had 700 acres of legumes seeded in wide-spaced wheat and 3,000 to 3,500 acres of legumes seeded in wide-spaced oats this year. All this acreage was treated with nitrogen this spring except where a strong legume had been in the rotation within the previous 3 or 4 years.

It would be hard to find a place that would better illustrate the value of fertilizers on both grain and legume crops than a field on the Alfred Walters farm, in Miami county. Mr. Walters purchased the farm several years ago and this particular field, which was on a slope, had 7 ditches running down thru it. After the field was terraced, he took a bulldozer and went over the field, taking soil off the high spots and filling in the ditches.

When he was finished the ditches were packed with his finest topsoil and the scraped-off areas were in a condition similar to that following severe sheet erosion.

This last spring the entire field was seeded to wide-spaced oats and red clover and fertilized with 100 pounds of 16-20-0 an acre. The field had been limed so no new lime was added.

No Fertilizer Here

Just for fun Mr. Walters seeded one drill width across the field without fertilizing. Here was the result. Where the topsoil had been scraped off (similar to severe sheet erosion) the oats and red clover just barely got above ground. As the drill rows crossed the former ditches (into which the topsoil had been pulled) the oats and red clover began to get taller until they reached normal height at the center of the fill. They then gradually got smaller toward the far side of the fill until they were just barely above ground again across the next scraped area. This undulation thru poor and good soil could be seen clear across the field.

Yet, where the field was fertilized with the 100 pounds of 16-20-0 the oats and red clover were normal in height and quality all over. It was impossible to tell from looking at the crops where good soil ended and poor began.

Because of this startling illustration of what fertilizers will do, Mr. Walters now says: "I believe all we have to do to build up badly eroded soil is to properly fertilize our strong legumes to get them started. I have nearly 50 acres of legumes seeded in wide-spaced oats or wheat, and have had excellent results getting legume stands by adding sufficient phosphate and nitrogen.

Alfred Knocke had an experience with alfalfa that shows what can be done to get stands with fertilizers after disaster strikes the first seeding. He had a fall-seeded field of alfalfa that was killed out by grasshoppers for about 100 feet around the edges of the field. On April 9, this year, he seeded the damaged area to alfalfa again with wide-spaced oats and fertilized with 100 pounds of 45 per cent phosphate and 70 pounds of 33 per cent ammonium nitrate an acre. He got a beautiful stand of alfalfa and the oats made 60 bushels an acre.

John Nichols says he never had been

able to get a stand of spring-seeded alfalfa until he fertilized this spring. He seeded his field last fall to wide-spaced wheat. Then, about February 1, this year, he broadcast his alfalfa seed and top-dressed the field with 50 pounds of ammonium nitrate and 100 pounds of 47 per cent superphosphate an acre. His alfalfa made a good stand and was 12 to 14 inches tall by June. And wheat was not retarded by the legume.

Irwin Crawford applied 70 pounds of ammonium nitrate an acre to red clover seeded in wide-spaced wheat. The nitrogen helped him get an excellent stand of clover and his wheat averaged 38 bushels an acre.

Vernon Dunn had good luck with still a different combination. He drilled flax and 275 pounds of 20 per cent phosphate, then sowed an alfalfa-brome mix over it with a Brillion grass seeder. He put 100 pounds of 33 per cent nitrogen on as top-dressing. Seeding of the brome-alfalfa mix was on April 10, which is quite late, but he got a good stand of brome-alfalfa and his flax was excellent.

Each Farm Is Different

No one knows how much territory in Eastern Kansas can benefit by the results in Miami county. The Soil Conservation Service is not making any recommendations on a wide scale because, says Henry W. Schmitz, district conservationist, "the needs for fertilizers vary greatly from county to county as well as from farm to farm."

While no widespread recommendations are being made by the Soil Conservation Service our observations of the work being done in Miami county lead us to draw these conclusions:

1. Lack of nitrogen may cause failure of legume seedings, even tho lime and phosphate requirements have been met.
2. Nitrogen applications at seeding time tend to take the risk out of both fall and spring seedings of sweet clover, red clover, and alfalfa in the Miami county area. At least 20 pounds of available nitrogen an acre have been giving best results.
3. Where a grain crop is to be used as a nurse crop for legumes, wide spacing of the grain rows seems to be beneficial. In wide spacing, leave the drill set for a normal rate of seeding but close up every other drill hole. The yield of a nurse crop that is wide spaced will be reduced only about 10 per cent, and wide spacing will give the legume more light and air, as well as more moisture and plant food. This year wide spacing in Miami county increased grain yields in some cases.
4. Where clover or alfalfa has been used in the crop rotation during the previous 3 or 4 years, it is not necessary to use nitrogen on new legume seedings.
5. Be sure at all times to see that your soil has sufficient lime.
6. In Miami county, where a fall-seeded grain such as wheat has been used for a nurse crop, best results have been obtained when 40 to 45 pounds of available phosphate were applied at seeding time for the fall grain, and when the field was top-dressed in spring with 20 to 30 pounds of available nitrogen an acre at the time the legume was seeded. Where 40 to 45 pounds of phosphate were used, this amount has been enough for the grain crop and the legume to be seeded later.

Please Be Careful

A YOUNG farmer—only 22 years old—was killed in a tractor accident. He was driving the machine up a grade to the road, going from one field to another. The tractor overturned and the young man was found dead. The accident was discovered when a passing neighbor noticed the overturned tractor.

While burning weeds in a field a middle-aged farmer's clothing caught fire. His burns proved fatal the day of the accident.

A young farmer—only 34 years old—lost his life when he was attacked by a bull. He died the day of the accident, from shock, hemorrhage, and a puncture wound.

And so the tragedies on Kansas farms go on and will until our farm men learn and follow the basic rules for safe use of machinery (never drive a tractor up or down a steep slope, or on the edge of an embankment); caution in keeping weed and grass fires under control; and careful handling of supposedly "tame" farm animals.—Kansas State Board of Health.

What Experts Say

(Continued from Page 5)

ings in 1949 probably will total close to \$27.7 billion, or 9 per cent below receipts in 1948, the BAE reports. Total crop receipts are estimated at \$12.5 billion, and livestock products at \$15.2 billion, down 7 per cent and 11 per cent respectively from last year. Total volume of sales is a little larger. So the declines in cash receipts are a reflection of lower prices.

"Cash receipts are expected to be lower this year for all important crops except corn, cotton, sugar crops and some fruits," according to the BAE. "The largest relative decline may be about 45 per cent in the case of flaxseed, due to reductions in both quantity and price.

"Wheat, soybeans and peanuts are each likely to be down about a fifth; tobacco around 15 per cent; potatoes and other vegetables almost 10 per cent. Declines also are expected in cash receipts from sales of feed crops other than corn.

"Lower prices for corn and cotton are more than offset by the increased quantities sold. Therefore, cash receipts from cotton and cottonseed probably will be up slightly, and receipts for corn up by almost 20 per cent. In the case of fruits, increases for apples and citrus fruits will be offset largely by declines for other types."

Declines also are likely in 1949 for all types of livestock and livestock products, except broilers, the BAE opines. Largest relative decline may be about 20 per cent in cash receipts for sheep and lambs, due to a substantial reduction in marketings. Increased sales of hogs and cattle and calves are more than offset by lower prices. Cash receipts may be down around 15 and 10 per cent, respectively.

Dairy receipts may be down about 15 per cent from last year as a result of lower prices, according to the BAE. A substantial increase in sales of broilers this year is more than offsetting lower prices, and receipts from broilers may be up from 15 to 20 per cent. Cash receipts from other chickens and from eggs and turkeys may each be down a little, however. Total receipts from all poultry and eggs are not likely to show much change from last year.

"Farmers may receive around 10 per cent less from marketings in 1950 than they are receiving in 1949," is the BAE estimate. "The general demand for farm products is likely to remain fairly high next year, but at a slightly lower level than in 1949.

"It is expected need for large exports of some important commodities like wheat, tobacco and cotton will continue thru most of the year. But the slight downward tendency in economic activity and employment, which has been in effect thru most of 1949, is likely to continue into 1950, exerting a further downward pressure on domestic demand and farm prices.

"Prices may average as much as 10 per cent below this year's average, with some decline likely for nearly all groups of commodities.

"The total volume of farm marketings is likely also to be slightly less next year . . . production control programs . . . crop marketings may be somewhat below 1949. Volume of livestock and livestock products may be slighter greater . . . poultry, eggs, dairy products about as high as 1949. Hog marketings in 1950 may exceed this

year because of the relatively large 1949 pig crop and the expected large 1950 spring crop. Total marketings of meat animals next year may be a little larger than this year. Cash receipts may be down moderately for both crops and livestock; receipts from fruits may hold fairly well.

"Gross farm income in 1949—the sum of cash receipts from farm marketings, the value of home-consumed farm products, the rental value of farm dwellings, and Government payments—is estimated at around \$32 billion as compared with \$35.3 billion last year.

"A further decline in gross income is in prospect for 1950—possibly by as much as 10 per cent. If average prices are lower, the value of home consumption will be down again along with cash receipts. Government payments will be increased next year, but the rental value of farm dwellings will be down a little along with the total value of farm real estate."

Farmers' total expenses of production are estimated by the BAE at \$18 billion for 1949, or only about 3 per cent lower than last year. They will show only a moderate decline in 1950, but "probably a little more than this year." Cost of purchased feed is down one sixth this year. Expenditures for hired labor are a little smaller.

"On the other hand, expenditures for many items are up this year," the outlook report states. "Operating costs for motor vehicles are almost 10 per cent higher. Depreciation up about 8 per cent. Farm taxes are up with rising

For Livestock Library

A reliable booklet for your library is Farmers Bulletin, No. 1914—"Diseases of Swine." This 32-page circular covers prevention of disease, infectious diseases, general diseases, diseases of the head and air passages, diseases of the digestive system, the reproductive system; diseases of the skin, poisoning and many other subjects of value to the hog raiser. The booklet has helpful illustrations. We have an ample supply of the booklet and can fill your order promptly. Please address Farm Service Editor, Kansas Farmer, Topeka, and include 3c postage.

outlays for schools, roads, and other civic improvements. Increasing indebtedness is resulting in slightly higher farm mortgage interest charges.

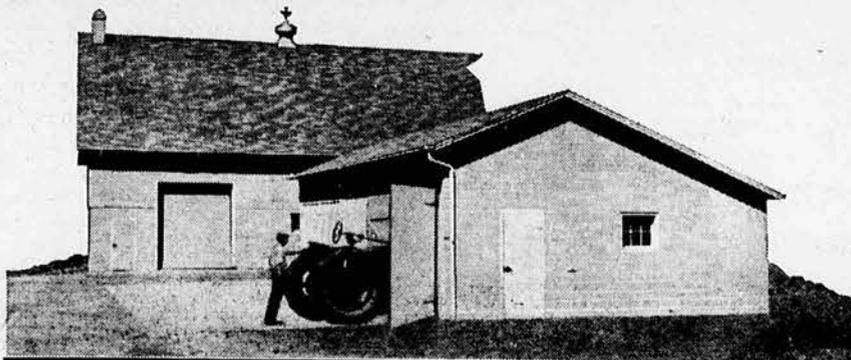
"Total production expenses may show more of a decline next year. But they will remain relatively high. Further reductions are expected in expenditures for feed, purchased livestock, hired labor and rents. But outlays for taxes, farm mortgage interest, fertilizer and motor-vehicle operation, smaller miscellaneous items, are likely to remain close to their 1949 levels—or maybe a little higher in some cases.

"Farmers' realized net income in 1949—the difference between gross income and total production expenses—is estimated at \$14 billion. The expected decline in gross income of almost 10 per cent from the 1948 level, associated with a much smaller reduction in expenses, means the net income for the average farmer will be off about 16 per cent.

"A similar pattern of changes is in prospect for 1950; and realized net income is expected to be down more than gross income on a percentage basis. The decline could equal that indicated for this year, in which case the net income would be a third below its 1947 high."

"Net income is likely to be down more than gross income in 1949, and also in 1950, mainly because of high and relatively fixed overhead costs. This is especially true of depreciation charges on farm capital, which are up this year and may show only a slight decline in 1950."

"Farmers' net cash available for family living, after deducting cash expenses for production purposes, will show smaller decline in both years than their realized net income."

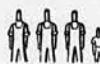


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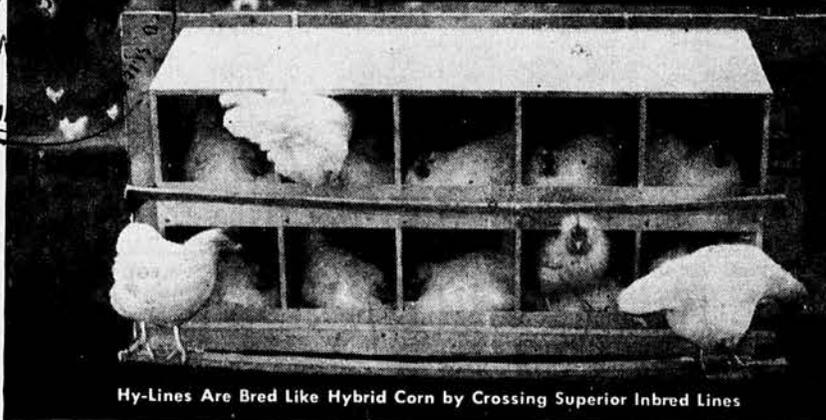
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| 100 lbs. | 50 lbs. | 20 lbs. | |
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Paper Shell Pecans, Delicious taste. Southern grown. Makes excellent gifts. 5 pounds \$2.00; 25 pounds \$8.75. Murdock Plantations, Farmington, Ky.

Eat Delicious Honey for health, energy, vitamins and minerals. 5 pounds \$2.00. Write for quantity prices. Murdock Farms, Farmington, Ky.

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Public Sales of Livestock

- Aberdeen-Angus Cattle**
November 21—Heart of America Association, St. Joseph, Mo. Ed Moody, Manager, 736 South Kansas Avenue, Olathe, Kan.
- Ayrshire Cattle**
December 1—Hoffman Brothers Dispersion, Abilene, Kan.
- Hereford Cattle**
November 19—Dickinson County Hereford Association, Abilene, Kan.
December 6—Woody Hereford Ranch, Barnard, Kan. Sale at Kansas City, Mo. American Royal Building.
December 9—The South Central Hereford Association, Newton, Kan. Phil Adrian, Sale Manager, Moundridge, Kan.
December 13—Matheson Brothers, Natoma, Kan.
December 14—B. K. Hereford Ranch, Longford, Kan. Sale at Minneapolis, Kan.
- Polled Hereford Cattle**
November 21—Jesse Riffel & Sons, Enterprise, Kan.
December 12—Kansas State Polled Hereford Association, Hutchinson, Kan.
- Guernsey Cattle**
December 5—Kay County Guernsey Breeders' Association, Newkirk, Okla. W. R. Hutchinson, Secretary, Newkirk, Okla.
- Holstein Cattle**
December 13—W. L. Schultz, Hillsboro, Kan. Sale at Emporia, Kan.
- Jersey Cattle**
November 22—Elton W. Young, Cheney, Kan.
November 25—Lester Frey, Manhattan, Kan.
- Polled Shorthorn Cattle**
November 23—Smith and Talbert Dispersion Sale, Chillicothe, Mo. Mervin F. Aegerter, Sale Manager, Seward, Nebr.
- Shorthorn Cattle**
November 30—International Congress Show and Sale, Chicago, Ill. Clinton K. Tomson, Sale Manager, Union Stock Yards, Chicago 9, Ill.
- Milking Shorthorn Cattle**
April 11, 1950—Floyd O. Revert, Forgan, Okla. Roy Pauli, Sale Manager, Broken Arrow, Okla.
- Hampshire Sheep**
November 26—Northwest Missouri Breeders' Association, St. Joseph, Mo. F. B. Houghton, Secretary, Maryville, Mo.
- Suffolk Sheep**
December 3—International Hampshire Breeders, Oskaloosa, Ia.
- Sheep—All Breeds**
November 21—Kansas Purebred Sheep Breeders' Association, Hutchinson, Kan. R. F. Cox, Secretary, Manhattan, Kan.
- Hampshire Hogs**
February 21—E. E. Bergsten & Sons, Randolph, Kan.

Classified Advertising Department

KANSAS FARMER Classified Advertising

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Baby Chicks—10 breeds, surplus pullets, \$12.95; Assorted heavies, \$6.85; Mixed assorted, \$6.45; Left-overs, \$4.95; Barnyard special, \$3.95; Odds-ends, \$2.95. 100% alive. F.O.B. Send money order. Clinton Chick Store, Clinton, Mo.

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Geese—Ducks: We ship breeders, eggs, babies safely anywhere. Free catalogue. New quarterly magazine (\$1.00 year) explains profitable breeding, hatching, rearing, marketing. Peyton Farm, Route 2CK, Duluth, Minn.

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Quick Bearing Fruit and nut trees, shade trees, grape vines, berry plants, everblooming rose bushes and flowering shrubs at money saving prices. State and federal inspected. Satisfaction guaranteed. Write today for free colored catalog. East's Nursery, Amity, Ark.

Strawberry Plants. We have the following ready for shipments: Per 100, Senator Dunlap, 90c; Blakemore, 90c; Missionary, 90c; Aroma, 90c. Per 1,000, any variety, \$7.00. All berry plants postpaid. (Wanted, walnuts and hickory nuts.) Hayes Seed House, Topeka, Kansas.

50 one-year-old Concord grape vines, \$3.25. Ponzner Nursery, Rolla, Missouri.

● FARM EQUIPMENT

Brower Hog Equipment, Waterers, feeders, oilers. Pig brooders. Designed and used by leading hog men. Low, money-saving prices. Write for literature, prices. Brower Mfg. Co., Dept. 23, Quincy, Ill.

● HOME EQUIPMENT

Order Stove Parts Direct and save money. Complete stock repair parts for stoves, ranges, space heaters, tank heaters, furnaces back to 1886. Guaranteed to fit. Give manufacturer's name, complete description and part number if possible. Low price quoted immediately. Blue Belle Co., Dept. C, 1307 Howard St., Omaha, Nebr.

● AUTOMOTIVE

World's Lowest Priced Rea Welder, Allmand D250. Only \$149.50 complete. Used 32V Welders, \$20 and up. Some good dealer territories still open. Allmand, Holdrege, Nebr.

● MACHINERY AND PARTS

Auger Elevators—Why scoop grain? Get particulars and price today. Link Mfg. Co., Fargo, N. D.

● LIVESTOCK ITEMS

Make More Profit under average farm conditions. Raise Milking Shorthorns. For average farmer Milking Shorthorns are unbeatable. Produce 4% milk. Have greater carcass value than other breeds. Second to none in producing milk and meat from home-grown roughage and grain from your farm! Free facts. Or subscribe to Milking Shorthorn Journal, six months, \$1.00; one year, \$2.00; three years, \$5.00. American Milking Shorthorn Society, 4122 So. Union Ave., Dept. KF-5, Chicago 9, Ill.

● DOGS

Black English Shepherds. Breeder 25 years. Shipped on approval. 10c for pictures and description. Guaranteed Healers. H. W. Chestnut, Chanute, Kan.

Airedale Pup—4 months old. Can be registered. Also older dogs. Joe Venerka, Stockton, Kan.

● RABBITS AND PIGEONS

Make Money! Raise Chinchilla Rabbits. Real profits from breeders, fur, meat, laboratories. Easy! Pleasant! Write today! Rockhill Ranch, Sellersville 63, Penn.

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AUCTION SCHOOL Learn Auctioneering America's Leading Auctioneers Teach You. Students sell actual sales. Largest school in world. 14 years in operation. Don't be misled. Term soon. Free catalog. Write REISCH AUCTION SCHOOL, Mason City, Iowa

Make Up to \$35-\$45 Week as a Trained Practical Nurse! Learn quickly at home. Booklet free. Chicago School of Nursing, Dept. F-11, Chicago.

● LOANS, SAVINGS, ETC.

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

● AGENTS AND SALESMEN

Sell Nationally Advertised Sahara Waterless Hand Soap. Removes without water paint, tar, grease, grime, dirt and animal odors. Keeps hands smooth, prevents chapping. Send \$1.00 for two 6oz. tubes and sales kit. Steady, repeat business. Money back guarantee. Sahara Products Co., Grand Rapids, Mich.

● PETS

It's fun to earn RAISING HAMSTERS
Cash in on the growing demand for SYRIAN GOLDEN HAMSTERS recently introduced into the U. S. Ideal pets for big laboratory demand. Hardy, clean, odorless. Easily and profitably raised anywhere.

AKOPIAN HAMSTERY
The largest in the West write for FREE illustrated booklet
7358-AA Varna • Van Nuys, Calif.

● FILMS AND PRINTS

Photo Xmas Cards

Get your Photo Christmas Cards now. 18 cards and envelopes \$1.00, from your negative. Add 25c if you send a picture. Send for price list on regular work.
SUMMERS STUDIO, UNIONVILLE, MO.

16 Enlarged, Jumbo, oversize deckled prints from any 8-8-12-16-20 or 36 exposure roll film developed only 35c and this ad. Electronically exposed. Enlargement coupon free. Skrudland, 6444-H Diversey, Chicago.

18 Christmas Cards and envelopes \$1.00, 60-\$3.00. Send negative. Your 8-exp. roll with 3 prints each good negative 45c. 2 each good negative 35c. One each good negative 25c. Reprints 3c. L. V. Eastman, Bode, Iowa.

20 Personal Photo Christmas Cards, \$1.00. Send negative. Modern Electronics Co., River Grove, Ill.

● OF INTEREST TO WOMEN

FREE 6 pages information on over 120 cleaning problems and how to handle them easily with Safety Cleaning Fluid you make with New Powder & Water. Send post card only with name and address plainly printed. Service Industries, 2105 E. Somerset, Phila. 34, Pa.

Leathercraft for pleasure or profit. Make your own easy-to-assemble belts, gloves, purses, 100 other profitable ideas. Largest supply in U. S. Catalog 10c. Larson, Dept. FF, 820 S. Tripp, Chicago 24.

Ladies: You Too can have smooth hands, Sahara waterless hand soap contains no harsh abrasives. Prevents chapping. See our ad under Agents and Salesmen.

Eastside Maternity—Seclusion Hospital for unmarried girls. State licensed. Working reduces expenses. 4911 E. 27th, Kansas City, Mo.

Send Penny Postcard for free descriptive listing gifts and toys. No obligation. Rural merchandisers, Box 948 GPO New York 1, N. Y.

Quilt Pieces, 3 pounds colorful cotton prints, \$1.49; cotton strips for rugs 5 pounds, \$1.98. Postpaid. Crittenden, Lombard 5, Ill.

Christmas Gift Book, 40 Love Lyrics, 40c. Taylor, Publisher, 118 1/2 North Broadway, Oklahoma City, Okla.

● REMEDIES—TREATMENTS

Latest Methods treating Piles, Fistula, Colon-Stomach disorders. Write for free book. McCleary Clinic and Hospital, E1140 Excelsior Springs, Mo.

● HELP WANTED

Wichita Locker Plant offers excellent opportunity to man experienced in all-around butchering and who can skin cattle. Write age and experience to W. E. Blaine, 1222 No. Spruce, Wichita, Kan.

● FEATHERS WANTED

We Pay You More! Get highest cash prices for new goose and duck feathers. Ship today! Checks mailed same day feathers received. We also buy old feathers. Send samples for price quotations. Company well rated. West Chicago Feather Co., Dept. CG, 4456 W. Fillmore St., Chicago 24, Ill.

● FARMS—KANSAS

Equipped 160—\$11,500. 12 head cattle, 10 hogs, team mules, 275 poultry, John Deere tractor plow, 2 wagons, 26 pieces implements, cream separator, small tools, fall crops included, 42 cultivation, 25 meadow, balance pasture. Lots of fruit trees, berries, grapes, gravel road, 3 1/2 town, mail, milk, school bus routes, phone, electricity 1/2 mile. 5-room house, barn, 7 other buildings. Immediate income from this bargain, only \$5,500 down. Free list other farms. Peterson Realty, Osage City, Kan.

300 Acres River Bottom, 2 miles town, well improved, best corn, wheat or alfalfa land, \$100. Godsey, Emporia, Kan.

● FARMS—MISCELLANEOUS

Strout's Golden Anniversary Farm Catalog—Just Out! Over 2,800 outstanding bargains. Coast-to-Coast. Mailed free. Write today. Strout Realty, 20 West 9th St., Kansas City 6, Mo.

● MISCELLANEOUS

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

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

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

Used Army Raincoats—Rubberized inside, Khaki colored, \$1.50 each. Satisfaction guaranteed. B. Butts, Sharon, Tenn.

December 3 Will Be Our Next Issue

Ads for the Classified and Livestock Section must be in our hands by **Friday, November 25**
If your ad is late, send it in Special Delivery to 912 Kansas Ave. Kansas Farmer, Topeka, Kan.

HOGS

Bergsten Improved and Registered Hampshires

Now offering a very good selection of spring boars that are ready for service. We welcome your inquiry or inspection.
E. E. BERGSTEN & SONS
 Randolph, Kansas

ETHYLEDALE FARM PRODUCTION HAMPSHIRE

Improved for type and big litters. Best of breeding. Selected spring boars ready to go, also gilts.
DALE SCHEEL
 Emporia, Kan., Rt. 2

OFFERING CORRECT TYPE REGISTERED POLAND CHINAS



Spring boars and open gilts. Good breeding, width, length, good bone and legs with a lot of quality. Consistent prices. Double immuned.
FLOYD BRIAN, Mulvane, Kansas

BAUER'S OFFER TOPS IN APRIL BOARS

Same breeding as sold in our recent record Poland China bred sow sale. Farmers type. Priced reasonable. **BAUER BROS., Gladstone, Nebr.**

Try Konkell'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

REGISTERED SPOTTED POLAND CHINAS

September pigs \$26 with. \$25 without papers furnished. Plenty to choose from. Good thrifty pigs.
HARRY LOVE, Rago (Kingman County), Kan.

SPOTTED POLAND CHINA BOARS

For sale. Well grown, thrifty, registered and double immuned. **Paradise Valley Farm RANDALL TUCKER, Prop., Codell, Kansas**

Shepherds Super Durocs

Excellent February and March boars sired by Lo-Thickmaster Super Spotlight, Perfect Trend. Boar battery 2d to none other. Siring the kind that suit the farmer, breeder and packer. Deep, thick, real quality kind. Low built, rich red. Nicely grown. We can please you at a reasonable price. Kansas oldest herd. See these before buying.
G. M. SHEPHERD, Lyons, Kansas

DUROC FALL GILTS

Sired by Double Sensation and bred to the top son of Fleetline. Iowa grand champion. Fancy Spring Boars by Modern Supreme, Nebraska champion boar. A few by Double Sensation.
B. N. HOOK & SON, Silver Lake, Kan.

25 Reg. Serviceable Duroc Boars

Uniformity unsurpassed. Probably the best raised in nearly 50 years. Reasonably priced. Shipped on approval. Immuned. Write or come.
GRANDVIEW STOCK FARM, Americus, Kan.

OFFERING CHOICE

DUROC BOARS

Big, thick, dark red, good-doing kind. Registered and double immuned. Guaranteed breeders. Shipped on approval.
CLARENCE MILLER, Alma, Kansas

KAWVALE YORKSHIRES

Commercial Men—Breed your good sows to a Yorkshire boar. It will reduce your lard production considerably. Registered boars for sale. No bred or open gilts for sale at present. Our prices are reasonable.
REX J. KENT, Manhattan, Kan., Rt. 1
 On Highway 40, 7 Miles Southwest

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.

YORKSHIRE GILTS

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

WE OFFER PUREBRED HEREFORD HOGS

Choice weanling high quality pigs. Well grown and thrifty boars and gilts.
ROY HUBBARD, Junction City, Kansas

WHITE STAR FARMS

OFFER CHESTER WHITES

Choice Chester White spring boars ready for new homes. Grand champion bloodlines. Immuned.
JULIUS PETRACEK & SONS
 Phone 12F32, Dresden, Kan. Oberlin, Kan.

Chester Whites, All Ages

300 Boars, 200 Gilts—open or bred, 50 Yearling Sows, weanling pigs, choice ones for Club boys. Sired by grand champions. Big litters.
Bloom & Sons Chester White Ranch, Corning, Ia.

Dairy CATTLE

REGISTERED JERSEY BULLS SERVICEABLE AGES



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

BROOKSIDE JERSEY FARM

Sylvia (Reno County), Kansas.

IN THE FIELD



Jesse R. Johnson
 Topeka, Kansas
 Livestock Editor

and **MIKE WILSON, Livestock Fieldman,**
 Muscotah, Kansas.

The **NATIONAL RED POLL** sale, Lincoln, Nebr., November 10 averaged \$405 on 55 lots. Top bull \$630. Top female lot was a cow and calf at \$750.

The **WAYNE L. DAVIS SPOTTED POLAND CHINA** sale, held at Fairbury, Nebr., October 25, resulted in an average on boars of \$126 and \$101 on gilts. H. A. Nelson & Sons, of Minnesota, paid the top boar price of \$415 and Ches B. Ash, of Broken Bow, Nebr., topped the gilts at \$165. The day was good and the offering well-fitted. Auctioneer was Ran Martin.

The **WAYNE DAVIS & VERN HARDEN-BERGER DUROC** sale, held at Fairbury, Nebr., the night of October 21, was well attended. Boar average was \$90 and the gilt average \$70. Top boar sold for \$130 and went to Walter Williams, of Nora, Nebr. Maahs Brothers, Walton, Nebr., took the top gilt at \$102. Weather was fine and the hogs well conditioned. H. J. McMurry was the auctioneer.

The **KANSAS AYRSHIRE CLUB** held its annual sale at Hutchinson, October 28, with an attendance of several hundred. The offering was well-fitted and the weather excellent, according to Secretary Mrs. John Keas. Thirty-six head were sold, 33 head going back to Kansas farms. The bull average was \$210 with only 2 bull calves selling. Top price was \$245, paid by Robert E. Harding, of Fredonia. Females averaged \$323.53 with a top price of \$715, paid by A. L. and Ed. Schmidt, of Newton. Robert Seitz was the auctioneer. Local demand was good.

The **KANSAS GUERNSEY BREEDERS' ASSOCIATION** held its annual sale at Hutchinson, October 21. About 250 buyers, bidders and visitors were present. The day was exceptionally fine and the cattle were good and fairly fitted. Forty-five head were sold at a general average of \$383. Bulls averaged \$344 with a top of \$500, paid by Alvin C. Wright, of Norwich. Females averaged \$388 with a top price of \$700, paid by Ralph Braun, Salina. Forty-three of the 45 head remained in Kansas. Auctioneer was Robert Seitz. Max Dickerson, Hiawatha, is secretary of the association.

The **KANSAS SPOTTED POLAND CHINA ASSOCIATION** held its annual sale in Topeka November 1. Fifty-five head were sold, all staying in Kansas. The boar average was \$115 with a top of \$300, paid by John Rogers, of Clay Center. Females averaged \$85 with a top of \$160, paid by Walter Rothe, of Ness City. The day was fine and local demand very good, according to a report by H. E. Holliday. Statement at bottom of letter says: "Champion boar of show, consigned by Edward Pacht, of Belleville, sold for \$250 to A. Owen Holliday, of Wichita. Taylor & Martin were the auctioneers.

E. J. BARNES, of Collyer, selected one of the finest fall days of the sale season, October 31, for his **HEREFORD PRODUCTION SALE**. Nine bulls were sold in this sale for an average of \$343 a head. John McKnight, of Quinter, paid the top price of \$500 for a March 2-year-old son of Mixer Lamplighter, the Barnes herd bull. Females sold as high as \$370. This price was paid for a March 29, 1947, cow by R. H. Tidball, of Collyer. A number of spring calves were sold off their dams for prices from \$125 to \$220 a head. The sale was managed by Vic Roth, Hays. Freddie Chandler and representatives of the livestock press helped with the sale.

BELLAND FARMS, McCredie, Mo., owned by R. E. & R. H. BELL, of St. Louis, dispersed their good herd of Aberdeen-Angus cattle at Silver Top Farms, Belton, on Wednesday, November 2. The Bells presented this herd of cattle to the buyers in excellent breeding condition. This was considered one of the best Angus sales held in Missouri this year. Blackpost Ranch, Olathe, Kan., paid the top price of the day on bulls when they gave \$2,750 for Bellands Prince Bardoller, a January, 1949, calf, sired by Prince Envious, of Bates. He is a grandson of Prince Sunbeam the 29th, known thruout the

Angus land as the "Million Dollar Sire." A top price on females was made when Bates Brothers, of Ada, Okla., paid \$2,550 for Blackbird Bardella G. R. 4th, a 4-year-old daughter of Raona's Bardoller 2nd. This cow was also the dam of the top-selling bull. Seventy-eight head of cattle made an average of \$558 a head. The offering was distributed among 10 states. Col. Roy G. Johnston and Col. Ray Sims handled the sale, assisted by livestock men of the press.

The **COWLEY COUNTY HEREFORD ASSOCIATION** held its third annual sale at Winfield, November 7. Forty-five lots were sold; 25 bulls averaged \$320 and 19 cows averaged \$356, with a general average on the 45 head of \$335. Secretary Charles Cloud says the average was a little below last year. But the consignments averaged considerably younger. A good number of buyers came from territory farther out than formerly. Considerable interest was evident due to the Cowley county show herd having won at the Hutchinson and Topeka fairs in 1949. Waite Brothers showed the grand champion heifer, and Stelbar Ranch had the grand champion bull.

In keeping with his policy of buying and using nothing but strictly top herd sires, **GEORGE SCHURLE**, of Manhattan, paid the top price on bulls at the State Jersey Cattle Sale, held at Manhattan, October 20. The price paid was \$575 for the great young bull Highfield Double 505055 from Hallmark farm at Kansas City, Mo. He is a great son of the "Excellent" sire Highfield Nobly Standard with 19 daughters that average 508 pounds of butterfat. His dam is the Silver Medal cow Observer Double Cup. He is a full brother to Double Cup Highfield, 1st prize 2-year-old at Wisconsin State Fair in 1948. Good judges at the ringside considered him a good buy even at double the price paid.

ALVIN YOUNG, of Bennington, dispersed his herd of Holsteins at the Abilene fair grounds on September 30. Clarence Quinn, Bennington, purchased the top-selling bull in this sale at \$850. K. S. Adams, of Bartlesville, Okla., paid \$625 for the top-selling cow in the sale. Bulls averaged \$545 a head. Average price paid for females was \$377. Forty-six head of bulls and females made a general average of \$380. This offering was well-fitted and very well received by the buyers. Many of the cattle were sold locally and 40 head out of the 46 sold stayed in Kansas. Elmer Dawdy, of Salina, did a very fine job in managing the sale. It was conducted by Colonel Bert Powell, and representatives of the livestock press.

FREE "BREEDING GUERNSEY CATTLE"

SEND for valuable booklet on profitable Guernsey breeding. There's always a ready market for quality Guernsey offspring and an ever-increasing demand for premium-priced **GOLDEN GUERNSEY MILK**.
THE AMERICAN GUERNSEY CATTLE CLUB
 975 Grove St., Peterborough, N. H.

Guernsey Heifers For Sale

50 long Yearling Heifers, just bred. Best Wisconsin breeding. Tb. and Bang's free. In lots of 10 or more, \$150 each.
W. L. SCHULTZ, Hillsboro, Kan., Phone 350

Reg. Guernsey Bull Calves
 Also, one-year-old Bull.
HENRY W. MEYERHOFF
 Palmer, Kansas

HOME FARM DAIRY

For Sale—22 head of coming 2-year-old grade Guernsey heifers, starting to freshen after first of year. Nicely marked and in good flesh.
PAT CHESTNUT
 Phone 8F55 Denison, Kansas

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



REGISTERED GUERNSEY BULLS
 28 Cows. Herd average 449 F.
E. D. HERSHBERGER
 Newton, Kansas

Dairy CATTLE

Schultz Sale Date Changed

Have changed my sale date.
 We will sell at
Emporia, Kan., Dec. 13
 (Livestock Sales Barn)
 125 Head Dairy Cows and Heifers close up springers and fresh.
 100 Guernseys—25 Holsteins
W. L. SCHULTZ, Hillsboro, Kan.



FOR SALE REGISTERED Brown Swiss BULL

Born March 24, 1949
 An outstanding large boned bull, sired by a Blue Ribbon bull.
LEE M. WOODEN
 Rt. 1, Dodge City, Kansas, Phone 2227 J 1

Northcrest Reg. Holsteins

Best of 'Old Billy' Line Breeding
 Registered Bulls, 1 to 18 months old. Sons of Kanstacool Eyebright Nabob, out of DHIA dams with daily records up to 105 lbs. Serviceable bulls, \$225. Younger ones for less.
WESLEY NAUERTH, Riley, Kansas

SMOKY VALLEY HOLSTEINS

For Sale—Bulls ready for service out of cows with records of 500 lbs. fat and better.
W. G. BIRCHER & SONS, Ellsworth, 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.

Offering Minnesota Holsteins
 Holstein Heifers—50 Yearlings, 30 Springers. Fine quality. **EARL STEINBRING**
 Rt. 3, North Branch, Minn.

Kay County Guernsey Breeders' Assn. 4th Annual Consignment Sale

Monday, December 5
 Starting 1 P. M., Newkirk Community Bldg.
Newkirk, Oklahoma
 35 Females — 5 Bulls

These animals are right and merit your consideration. For catalog write
W. R. HUTCHISON, Newkirk, Okla.

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



SALINE COUNTY HEREFORD SALE

At Beverly Sales Pavilion
 Salina, Kansas

WED., NOV. 23

12:30 p.m.

38 Bulls . . . 14 Females

An opportunity to buy some of the choice bloodlines of the breed. These cattle are well grown out and will do good for you. From these herds have come some of the top Herefords of the nation. Many of the females carry the service of CK Creator 51st full brother to the 1948 Denver Champion.

CONSIGNORS . . .

Jim Moore, Salina
Ira Tinkler, Gypsum
Sundgren Farms, Falun

A. Traulsen, Lincoln
August Carlson, Smolan
Ed Tolle, Salina

Wallace Pihl, Smolan
J. H. Banker, Salina
CK Ranch, Brookville

Broken Wine Cup Ranch, Marion
AUCTIONEER . . . JEWETT FULKERSON

For catalog write Gene Sundgren, Sales Manager, Brookville, Kans.



ALL-LARRY-DOMINO SALE

American Royal Bldg.
Kansas City, Mo.
Tuesday, Dec. 6

Included in the sale are:

- 8 Lady Larryannas, all daughters of Larry Domino 50th.
- 2 daughters of MW Larry Domino 36th.
- 1 daughter and 1 son of MW Larry Domino 37th.
- 1 son of MW Larry Domino 83d.
- And other sons and daughters of MW Larry Domino 92d and MW Larry Domino 111th.

Bred heifers sell carrying the services of Larry Domino Return and MW Larry Domino 115th.

Attend this All-Larry Domino Sale, which represents breeding power.

Auctioneers: A. W. Thompson and Jewett Fulkerson.
Mike Wilson for Kansas Farmer

Sale at Kansas City, American Royal Building

For catalog write:
WOODY HEREFORD RANCH, Barnard, (Lincoln county), Kansas
A. B. Woody Clayton Woody Warren V. Woody



SOUTH CENTRAL HEREFORD ASSOCIATION SALE

Newton, Kan.—Friday, December 9—1 P.M.

(Fair Grounds)

57 HEAD Polled and Horned Herefords
28 BULLS — 29 FEMALES

A judging contest will be held at 9:00 A. M. for 4-H and FFA Vocational Ag. boys and girls. For rules of this contest contact your county agent. First prize will be a registered Hereford heifer from the herd of Phil Adrian. Second, third, fourth and fifth prizes will be given by the Newton Chamber of Commerce.

For catalog and further information address
PHIL ADRIAN, Moundridge, Kansas
Auctioneers: Freddie Chandler and Harold Tonn
Representatives from Hereford Journal, Kansas Stockman, Kansas Farmer



LAST CALL

Young's Reg. Jersey Cattle Production Sale

TUESDAY, NOVEMBER 22 at 12:30

on farm 30 miles west of Wichita, 4 1/2 miles west of Cheney and 1 1/4 miles south of Highway 54.

- 55 HEAD featuring the breeding of a great line of "Excellent" and proven sires. High records over a long period of time. Mr. J. Lawerance Byler is consigning 5 head.
- 30 Cows in milk or freshening and a lot of very choice young heifers and 8 young bulls good enough to head any herd.

For catalog address ELTON W. YOUNG, Cheney, Kan.
Auctioneers: Boyd Newcom and Charley Cole
Jesse R. Johnson with Kansas Farmer



HOLD NOVEMBER 25 FOR THE FREY JERSEY GRADE DISPERSAL SALE

Sale at farm on Highway 13, 1 mile north of Manhattan, Kan., Friday, November 25

50 HEAD One of the most valuable herds ever to be sold in Kansas. 32 years continuous use of high class registered bulls. Herd yearly averages up to 428 lbs. fat with 39 cows.
25 Cows—most of them now in milk or freshening within next 50 days. 5 Heifers to calve before January 1. 20 Calves of breeding age. 2 Herd Bulls (registered). Balance baby calves.

LESTER FREY (Owner), Manhattan, Kansas
Aucts.: Bert Powell, Lawrence Welter Mike Wilson and Jesse Johnson with Kansas Farmer



Members of the KANSAS POLAND CHINA BREEDER'S ASSOCIATION held their ANNUAL BOAR AND GILT SALE, in the 4-H barn, at Manhattan, on October 22. Manager Paul Williams had spent much time and work in arranging the sale and all details were in tip-top shape. Floyd Brian, long time Poland breeder of Mulvane, paid \$190 for the top-selling boar in the sale. This boar was a consignment from the good herd of Ray Saylor and Sons, Manhattan. Albert Morgan, of Alta Vista, was the successful bidder on the top gilt at \$135. She was consigned by Olen Streebin, of Ottawa. Mr. Streebin also had the second top gilt at \$100. The boars in the sale made an average of \$81 a head. Forty head sold in the sale at an average of \$71 a head. Mike Wilson was auctioneer, assisted by Dillon Williams, Lawrence Welter, Art Garrinson, and representatives of the Poland China breed papers.

The THIRD ANNUAL PRODUCTION SALE, sponsored by the AYRSHIRE BREEDERS OF KANSAS, at Hutchinson, October 28, was well attended, and prices received were very satisfactory. The quality of the cattle was as high or probably higher than previous sales of this kind. However, bidding was rather slow. Females sold from \$200 to \$715 a head, the latter price being paid by P. L. and Ed Schmidt, of Newton, on the consignment from the Fred Williams herd, a daughter of Neshaminy Prince, C. L. Zimmerman, of Sterling, paid \$565, this being the top bred heifer, consigned by Rodman Williams, of Hutchinson. This heifer was a daughter of the approved sire, Woodhull Rare Jim. The top-selling bull in the sale also came from the Fred Williams herd. A preferred pedigree April 13, 1949, son of Woodhull Rare Jim, Robert E. Harding, of Fredonia, paid \$245 for the calf.

Several hundred Shorthorn breeders, farmers and friends interested in Shorthorn cattle filled the seats in the sale arena, at the Salina fairgrounds, October 25, for the THIRD ANNUAL MID-KANSAS SHORTHORN BREEDERS SALE. The cattle were in very good breeding condition and were very highly appreciated by the buyers. G. E. DeGear, of Lake City, paid \$1,000 for the top-selling bull in this sale, an October 21st yearling consigned by Tomson Brothers, of Wakarusa. The average price paid for bulls in this auction was \$300 a head. The champion female in the morning show come from the Tomson Brothers consignment and sold to W. V. Harshman, of Clements, for \$600, the top price paid for females. The reserve champion of the show was consigned by Hans Regier, of White Water. She was purchased by H. H. Humphrey, of Holton, for \$460. Bert Powell, C. D. Swaffer and men of the livestock press handled this auction.

According to a report from ROSS B. SCHAULIS, of Clay Center, who attended and assisted in the NORTH CENTRAL KANSAS HEREFORD ASSOCIATION sale held at Belleville, November 8, a fine crowd was in attendance and very satisfactory interest in the sale was shown. The offering was good and in the right condition for breeding animals. The grand champion bull of the show exhibited and sold by Lewis Rizek & Son, of Munden, topped the sale at \$520, going to Stanley Novak, of Belleville. Second top bull was purchased by Ralph Neal, of Blue Rapids. He came from the herd of Oliver Nelson & Son, of Leonardville. Third high bull brought \$620 and went to F. Russell, of Mankato. Champion female of the show was from the herd of Hal Ramsbottom, Munden, and sold for \$400. The buyer was Walter Hanke, of Waterville. Twenty-six females averaged \$310 and 34 bulls averaged \$365. General average was \$345. Charles Corkle was the auctioneer, assisted by Ross Schaulis and others.

R. E. BERGSTEN & SONS, of Randolph, held their regular production sale of registered Hampshire hogs October 28. As usual the big event took place on the farm a mile south of Randolph. A big dinner was served by the ladies of the locality, and the sale pavilion was crowded with buyers, bidders and interested neighbors.

Thirty boars sold for an average of \$101. Eighteen open gilts averaged \$84.86. Eight off-colored gilts not to be recorded averaged \$58.60. Nine bred gilts averaged \$97.77 making a total average of \$90.90, a remarkable showing considering that the top of the sale was only \$145. The buyer was Ronsee Farming Company, St. Marys. Twenty-five head sold for from \$100 to \$145, and only 7 head went below \$60. Only 2 head went to buyers outside of Kansas. Thirty different towns in Kansas and 2 towns in Missouri were represented by buyers. This was considered one of the best offerings ever presented by this reliable firm. Bloodlines of prominent sires and careful mating and feeding had brought good results. Bert Powell was the auctioneer.

The third TRI-STATE BROWN SWISS sale, Topeka, Kansas, October 19, was another good sale of this rapidly growing breed. Forty-seven lots were sold for an average of \$454 with a top of \$825. Dr. A. W. Anderson, of West Point, Nebr., sold the \$825 cow, a 6-year-old sired by Lee's Hill Camilla's Royal Boy and bred to Lee's Hill Vagabond. Kemper Brothers, Berger, Mo., were the buyers. Second top cow at \$775 came from the Anderson herd and was purchased by C. Curtis Unger, Burden. She was bred to Judge Bridge Zenith.

The highest-selling Kansas animal in the sale was a 2-year-old bred heifer, a daughter of Extreme Charm of Shermanhurst; from a 521-pound dam and bred to Pearson Swiss Improver. She sold for \$590 to George E. Martin, Princeton. Carroll R. Donley, Oxford, sold 2 bred heifers at \$575 and \$550. Bulls, 4 head selling, averaged \$400. Top bull was from the Henry LePage herd of Jefferson City, Mo. He sold for \$630 to Roy E. Webber, Kingman, and Homer L. French, Pretty Prairie. Second top on bulls at \$425 was paid by Mr. and Mrs. Elmer Cogswell, Alma, for a bull from the Anderson herd of Nebraska. The cattle as a whole were good individuals and cows just fresh or to be fresh soon were in greatest demand. Bred heifers sold well but most of them stopped at \$350 to \$400. Open heifers sold a little under bred heifers. Two baby heifer calves sold at \$200 each.

Kansas breeders consigned a big per cent of the cattle to the sale and 31 head went to Kansas buyers. Many fine compliments were paid this good group of cattle. The cattle went to 3 states—Kansas, Oklahoma and Missouri. The sale was sponsored by the Kansas, Missouri and Nebraska associations, with Ross Zimmerman, Abbeyville, acting as sale secretary for the Tri-State group.

Norman Magnussen, Lake Mills, Wis., read pedigrees. Bert Powell sold the offering, assisted by Charles Cole, of Wellington, and Mike Wilson, of Kansas Farmer.

Ross B. Schaulis, Auctioneer
Purebred Livestock, Real Estate and Farm Sales.
Ask those for whom I have sold.
CLAY CENTER, KANSAS

SHEEP

NORTHWEST MISSOURI HAMPSHIRE SHEEP BREEDERS' ASSOCIATION BRED EWE SHOW AND SALE

Saturday, November 26
50 Head of Bred Ewes—5 Ewe Lambs
sell at the purebred livestock sales barn in South St. Joseph, Missouri

(Show 10 A. M. — Sale 1 P. M.)
Ewes will be bred to some of the outstanding rams of the breed. All Missouri Consignors: Glen Armentrout & Son, Norborne; Eugene Busby & Son, Maryville; Joe Martin, DeKalb; Billy Dean Norman, Cowgill; N. R. Trout, Polo; A. J. Dinsdale, Maryville; Miller Van Trump, Elmira; L. C. Thornton, Maryville; J. D. Schumaker & Son, Osborn; Dale Hawkins, Osborn; F. B. Houghton, Maryville. For catalog or additional information write F. B. HOUGHTON, Secretary care of Northwest Missouri State College, Maryville, Missouri
Auctioneer: Bert Powell, Topeka, Kan.

4TH INTL. HAMPSHIRE BRED EWE SALE

Oskaloosa, Iowa
Saturday, December 3
Sale 10 A. M.
American and Canadian Consignors
International Hampshire Sheep Breeders' Assn.
Oskaloosa, Iowa

3RD NORTH AMERICAN SUFFOLK BRED EWE SALE

OSKALOOSA, IOWA
SATURDAY, DECEMBER 3
1 P. M.
American and Canadian Consignors

Write today for catalog to the
NORTH AMERICAN SUFFOLK BREEDERS
Oskaloosa, Iowa

• AUCTIONEERS •



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1202 No. Washington, Wellington, Kan.

Beef CATTLE

REGISTERED SHORTHORN BULLS

2 Bulls, March and April yearlings by Miles of View Pride by Prince Peter. These bulls are dark roan.
C. M. CUMMINGS
Kingsdown, Kansas

WE THANK YOU CARL WENZEL. We want to thank Carl Wenzel, of Pretty Prairie, Kan., who purchased our reserve champion bull at the Kansas Polled Shorthorn Breeder's Sale at Hutchinson. The price of \$900 was the top of the sale. This great bull goes to a good herd in a good home. We also thank Mr. Schlegel, of Culbertson, Nebr., who purchased our bull, Scottish Mag-nate at \$500. We are now selling Young Bulls by Lord Goster at the farms.
WALTER O. OSBORN & CLYDE W. MILLER
Mahaska, Kansas

THE TREND IS TOWARD ANGUS

Demand for Angus cattle continues at strong, but sound levels. Everywhere the trend is toward the Blacks. Generations of selective breeding produced today's modern breed. Share in this premium market by breeding and feeding Aberdeen-Angus. For information write: Dept. KF, American Aberdeen-Angus Breeders' Association, Chicago 9, Illinois.



Beef CATTLE

TWO

Great INTERNATIONAL SALES

Where **CHAMPIONS** are **SOLD**

INTERNATIONAL SHORTHORN CONGRESS SHOW AND SALE

Wednesday, Nov. 30, 1949—9 A. M. Stock Yards Sale Pavilion, Chicago

50 Bulls—50 Females—featuring the winners of the most sensational show seasons in Shorthorn history. **Breed Better Shorthorns—BUY IN THE PURPLE**—and you buy the best.

Sale cattle to be judged Sunday morning, November 27

INTERNATIONAL POLLED SHORTHORN SALE

Thursday, Dec. 1, 1949—9 A. M. Stock Yards Sale Pavilion, Chicago

20 Bulls—40 Females—that will represent many outstanding show herds of Polled Shorthorns at the big fairs in the last few years.

Sale catalogs sent only upon written request. Please specify whether Shorthorn or Polled Shorthorn catalog is desired.

Make hotel reservations thru this office at once.

ASK ABOUT OUR FREE FREIGHT OFFER.

Clinton K. Tomson, Sale Manager

AMERICAN SHORTHORN BREEDERS' ASSOCIATION

Dept. CP, Union Stock Yards, Chicago 9, Ill.

5TH ANNUAL REGISTERED HEREFORD CALF SALE OF B-K HEREFORD RANCH

Wednesday, Dec. 14 Minneapolis, Kansas

1 o'clock (in heated sale barn) on U. S. Highway 81, Rain or Shine

45 LOTS

31 Reg. Bulls, 8 to 11 months old. 14 Reg. Heifers, 6 to 11 months old.

Cow Herd predominantly of WHR bloodlines. Come early. — Lunch served.

Write for catalog to **B-K HEREFORD RANCH Longford, Kansas**
Auctioneer: **Ross B. Schaulis**

For Sale—Reg. Polled HEREFORD BULLS AND HEIFERS

Sired by **ALF Beau Rollo 47th**. Bulls 7 to 9 months old. Heifers 7 to 19 months old.

See our 3 Beau Rollo 47th Heifers at the **Kansas Polled Hereford Show and Sale at Hutchinson, December 12, 1949.**

O. J. SHIELDS
Lost Springs, Kansas

HEREFORD BULLS—HEREFORD FEMALES

We have a number of young bulls, ages 10 to 20 months, sired by Royal Tredway 51st for sale at present. Also 5 heifers to calve in March bred to Warrior Domino Jr. Also 7 yearling heifers and a number of 1949 heifer calves.

To **Newton Sale**—We are selling 2 bred heifers and 2 open in the South Central Hereford Sale, Newton, December 9. The bred heifers are mated to Warrior Domino Jr.

RAY RUSK & SON, Wellington, Kansas

OFFERING REG. POLLED HEREFORDS



20 Bull Calves and several Heifer Calves. Sired by Advance Choice 18, a great son of Advance Domino 50 and Advance Domino 8, a son of C M R Advance Domino 35. Priced reasonable. Write or visit.

MARTIN I. SHIELDS & SONS
Lincolnton, Kansas
Near Highway 77 and 50 North

OFFERING POLLED HEREFORD BULL CALVES
Eight months old and up, sired by Worthmore Silver, by PVF Worthmore B. D.
CLAYTON RIFFEL & SONS, Hope, Kansas

REGISTERED ANGUS BULLS

High quality spring bull calves and one good yearling bull. Also all my high grade Angus cows and heifers for sale.
UNBUR'S ANGUS FARM, Moundridge, Kansas

The **TRI-STATE RED POLL** sale, St. Joseph, Mo., on October 18, attracted buyers from a distance as well as many local people. When the sale of 28 females and 12 bulls go to buyers from Kansas, Missouri, Nebraska, Oklahoma, Iowa and California it indicates a broad demand from a wide area.

Breaking down the sale of the different age registered Red Polls it resulted in these averages: 16 head of 1948 heifers averaged \$219; 3 head of 1947 bred heifers averaged \$280; 5 head of 1949 heifer calves, including 1 baby calf, averaged \$180; 4 cows averaged \$351; 12 bulls, all ages, averaged about \$200.

A show was held previous to the sale with the grand champion female going to Logan & Logan, Tarkio, Mo., on a bred cow. She sold for \$450 to Robert Hoferer, St. Marys, Allen E. Young, Meadville, Mo., had the grand champion bull, and he sold to Robert Hoferer for \$360. J. E. Loeppke & Sons, Penasola, had the reserve champion bull and he sold for \$250.

This bull was 2nd high-selling bull in the sale. He was 14 months old. Logan & Logan, Tarkio, Mo., had the reserve champion female and she sold for \$235. This heifer was a July 29, 1949, calf. The offering was of desirable type and many of the popular families of the breed were sold. A few more bred cows and bred heifers would have helped build a higher average.

Kansas buyers in this sale were L. E. Shaeffer, Centralia; John Ring, Marysville; Herman Sieman, Buhler; William Rees, Pleasanton; Robert Hoferer, Kansas consignors to the sale were B. R. Anderson, Partridge; J. E. Loeppke, Penasola; Frank S. Novak & Sons, Haddam; Ervin Sieman, Buhler; Locke & Locke, Burns; Herman Sieman, Buhler. Bert Powell was the auctioneer, assisted by Colonel White, Flak, Mo., and press representatives.

A large crowd attended the **HEART OF AMERICA ABERDEEN-ANGUS ASSOCIATION'S FALL SALE**, at the Kansas City American Royal Building, November 1. Buyers came from the five-state area of Missouri, Kansas, Iowa, Illinois and Tennessee. Fifty-one lots brought \$23,390, averaging \$460. Six bulls brought \$2,955 with an average of \$492. Forty-five females totaled \$20,435, averaging \$454.

Top bull was lot 38, Oak Ridge Prince 26th, consigned by Oak Ridge Stock Farm, Columbia, and this bull brought \$1,000 on the bid of Dr. O. M. Larson, Bonner Springs, Kan. This bull was champion of the morning showing of breeding animals. Second top bull was lot 36, Mil-Jon Elleenmere, consigned by Mil-Jon Angus Farm, Chilhowee, and was selected by Judge Milt Tudor, Olin, Iowa, as the show's reserve champion. This bull brought \$500, selling to Nelson Myers, Lathrop.

Topping sales on females was lot 54, Eric's Queen 15th, consigned by Staley Acres Stock Farm, Willard. This heifer brought \$1,575 on the bid of Winn-Larr Angus Farm, Smithville, after winning first in her class in the morning show. Champion female was lot 15, Fairview Blinky Burgess, from the C. H. Thompson herd, Hatfield, and this heifer brought \$1,200 selling to Paul Purviance, Mimburn, Iowa. Lot 25, Blackcap Bessie 39th of Ida, from the Johnson Brothers, Ida Grove, Iowa, herd brought \$1,175 and sold to David Miller, Smithville. Reserve champion female of the show was lot 10, Barbara McHenry C. 11th, consigned by Glenn and Virginia Chappel, Green Castle, and she brought \$1,000 on the bid of Leo Parker, Park Glenn Angus Farm, Stanley, Kan. Cols. Roy Johnson and Ray Sims conducted the sale, assisted by men of the press.

Trend of the Markets

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

| | Week Ago | Month Ago | Year Ago |
|---------------------|----------|-----------|----------|
| Steers, Fed | \$38.00 | \$33.00 | \$32.00 |
| Hogs | 16.50 | 18.90 | 22.25 |
| Lambs | 24.00 | 24.50 | 25.00 |
| Hens, 4 to 5 lbs. | .21 | .22 | .31 |
| Eggs, Standards | .46 | .46 | .54½ |
| Butterfat, No. 1 | .57 | .57 | .57 |
| Wheat, No. 2, Hard | 2.37¾ | 2.29 | 2.35½ |
| Corn, No. 2, Yellow | 1.17 | 1.17¾ | 1.40½ |
| Oats, No. 2, White | .79 | .75½ | .93 |
| Barley, No. 2 | 1.16 | 1.14 | 1.29 |
| Alfalfa, No. 1 | 32.00 | 32.00 | 30.00 |
| Prairie, No. 1 | 16.00 | 16.00 | 17.00 |

Dual-Purpose CATTLE

Registered MILKING SHORTHORNS

of all ages, both sexes, from Excellent R.M. cows to half Beef Shorthorns. From single calves to entire herds. \$100 to \$800 each. Deal with owners without auction risks, hysteria and expense. Write or call for descriptions and locations, stating your exact needs.
HARRY H. REEVES, Rt. 3, Hutchinson, Kan. Phone 55N4, on K17, 4 miles northeast.

Milking Shorthorn Bulls

Serviceable age, out of Record of Merit and Classified Dams. Sired by son of Waschussett Dairyman.

LEONARD D. SHARP, Great Bend, Kan.
7 miles south on Highway 261, then ¾ mile east

Reg. Milking Shorthorn Bulls
Sired by Maid's Duke (Ex.) 2nd place age bull at National Show in 1947. Seven nearest dams averaged 518 lbs. butterfat. From classified and R.M. cows.

H. R. LUCAS & SONS, Macksville, Kansas

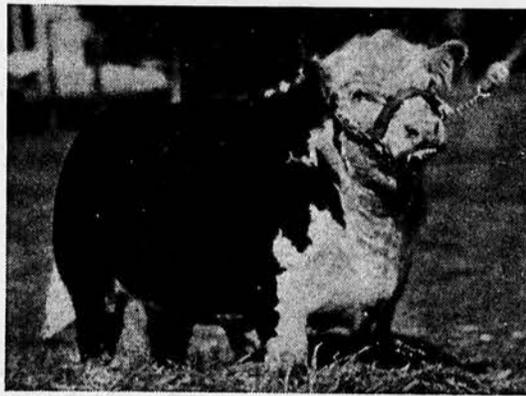
REGISTERED RED POLLS

Bulls and Heifers. Year old. Priced to sell.
WM. WIESE, Haven, Kansas

RED POLLED BULLS

Serviceable age. Also spring bull calves.
W. E. ROSS & SON, Smith Center, Kansas

Kansas Polled Hereford Assn. SHOW and SALE



Hutchinson, Kansas Monday, December 12

Show 9:00 A. M. Sale 1:00 P. M.

"Top Polled Cattle From Top Kansas Herds"

60 BULLS - 38 FEMALES

42 Leading Kansas Breeders join forces to make this event one of the great attractions of 1949

- Aust & Zachman, Ellis
- H. J. (Herb) Barr & Sons, Leoti
- Brannan & Reinhardt, Timken
- Brannan & Umberger, Rozel
- Roy E. Colte & Sons, Lyons
- Leo Ebel & Sons, Wamego
- Allen Engler & Sons, Topeka
- Harold Gingsass & Sons, Sedgwick
- Gleason Polled Hereford Farm, Seward
- Donald R. Goodger, Belleville
- Graver Bros., Rush Center
- E. F. Hamburg & Sons, Ellis
- Kansas Hereford Ranch (N. L. Dinges & Sons, Owners) Hays
- Fritz Kerbs & Sons, Otis
- Lester Koltzman, Onaga
- Fred W. Lamb & Sons, Macksville
- Edwin Lankard, Garnett
- Walter Lankard, Garnett
- John M. Lewis & Sons, Larned
- John N. Luft, LaCrosse
- Joe C. Maes, Bushton
- Massier Bros., Ellis
- Dean & Jean McCallum, Matfield Green
- Cecil Medley & Sons, Tampa
- Ernest Mehl, Frederick
- Arthur J. Molz, Kiowa
- New Eden Polled Herefords, (Mark & Esther Brown, Owners) Wilmore
- Paul's Polled Hereford Farm, (Paul & Gladys Molz, Owners) Kiowa
- Walbert Ravenstein, Adams
- Jake Reich & Son, Paradise
- James Riffel, Junction City
- Merle Rogers, Garnett
- Vic Roth, Hays
- F. H. Schepmann & Sons, Bushton
- Ernest Schneider, Wakeeney
- O. J. Shields, Lost Springs
- John Stumps & Son, Bushton
- Triple E Ranch, (Ernest Egger & Sons, Owners) Ellis
- Ed Valek & Son, Wayne
- Welch Bros., Garfield
- Arthur Wittorff & Son, Inman
- Guy Wood & Son, Larned

Larry Miller, Painter Hereford Ranch, Judge

Banquet and Business Meeting Sunday, December 11, at Elks Club in Hutchinson at 7:00 P. M.

Be sure to attend the National Western Polled Hereford Show and Sale at Denver, December 8-9-10 and visit Kansas Polled herds on your way to Hutchinson for the Dec. 12 sale.

For catalog address

VIC ROTH, Sale Manager, Box 702, Hays, Kan.

Auct.: **Freddle Chandler**

Mike Wilson with Kansas Farmer



HG HEREFORD SALE

December 7th—At the Ranch, 14 miles north of Colby on State Highway 25.

Sale at 1:00 P. M. (C. S. T.)

65 Head. Featuring the get and service of TT Royalty 17th 4282846 and TT Royal Heir 25th 4282169

15 Serviceable-age Bulls by TT Royalty 17th 50 Bred Cows and Heifers, and Cows with calves at side

Sale will be held in a heated, all-weather pavilion. Lunch will be served on the grounds.

Write early for reservations and catalogs.
Owners: **Mr. and Mrs. Howard Grover, HG Hereford Farm**
Auctioneer: **E. T. Sherlock**



HOFFMANS'

AYRSHIRE PRODUCTION SALE

At farm 2½ miles east and 4½ miles south of court house in Abilene, Kan., Thursday, December 1

An exceptionally choice offering from one of the oldest and strongest herds in the state. **Jesse R. Johnson.**

50 HEAD sired by or carrying the service of the proven bulls.
WOODHULL RARE JIM STRATHGLASS BARBRAKE
PLAINAYR SUNNY BOY VISTA GRANDE DASHER

23 Cows, most of them recently fresh.
14 Heifers to freshen in January and February.
5 Open Heifers—yearlings.
6 Heifer Calves.
1 Yearling Bull, "Excellent."

1948 herd production 9,234 lbs. milk 4.4% 402 lbs. fat.

HOFFMAN BROTHERS, Abilene, Kansas
Auctioneers: **Mike Wilson, Ross Schaulis, B. W. Stewart**
Jesse R. Johnson with Kansas Farmer

Mention Kansas Farmer When Writing Advertisers



Standard Oil man Charles I. Salmon, who works for us at our Whiting, Indiana, refinery, gets his first look at Kevin C. Salmon. Mr. Salmon's company hospital and

surgical operation insurance helped pay the bills. Our employees—and their families—are protected by one of the broadest employee benefit programs in any industry.

IT COSTS DAD LESS TO BECOME A DAD IN THE STANDARD OIL FAMILY

● One of the things that make Standard Oil a good place to work is the employee benefit program of this company and its subsidiary companies. This program includes group hospital and surgical operation insurance, sickness and disability benefits, group life insurance, and vaca-

tions. Our employee retirement plan sends monthly checks to retired Standard Oilers.

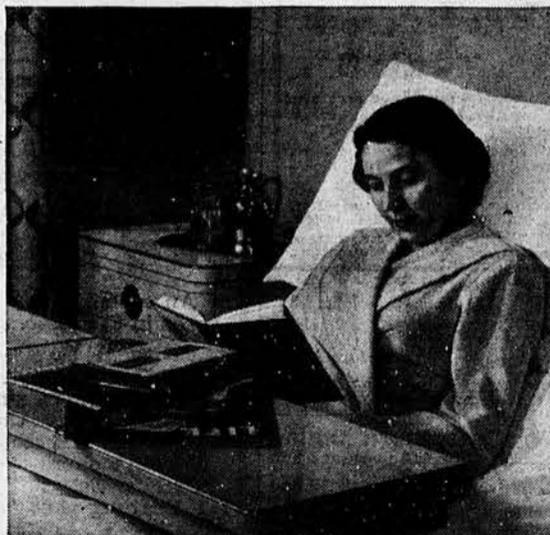
Every part of this benefit program adds to employee security. So does the fact that every member of the Standard Oil team has behind him an average investment of \$26,700 in tools and equipment—tools which helped him average more than \$4,400 in wages and benefits last year.

Most of this equipment was provided by the investment of our 97,000 stockholders. Some of it was provided for by borrowing. Each year we plow back, in new tools and equipment, some of our profits—the money left over after all operating costs are paid. Of Standard Oil's 1948 profits, 29% went to our 97,000 owners; 71% was spent for new tools and equipment.

STANDARD OIL COMPANY (INDIANA)



WILLIAM WANTLING of Peoria retired in 1940 after 35 years with Standard. Now he has lots of time for recreation. For the rest of his life he will receive monthly checks under our employee retirement plan, started in 1903.



ALYCE HEITZMAN'S recent illness sent her to the hospital for 10 days. Thanks to our sickness and disability benefits plan, she received full salary, plus part of her hospital expenses under our hospital insurance.



STANDARD EMPLOYEES are actually many times safer on the job than away from it, according to nation-wide statistical studies of accidents. Our accident prevention program helps make Standard a good place to work.