

89118

Copy 2

SEPTEMBER 20, 1952

Kansas Farmer



UNDER THE BIG TOP visitors to Haskell-Finney county old settlers picnic enjoy picnic meals and home-talent programs. Groups of families meet to eat and swap talk.



LOADING UP ON ICE cream is Gary Taton, of Satanta. Verna Miller, of Sublette, does the dipping while Melva Towns, Sublette, collects the money.

KANSAS STATE COLLEGE OF AGRICULTURE
LIBRARY
SEP 23 1952
MANHATTAN
SCIENCE BLDG

You've missed the time of your life if you never attended an . . .

Old Settlers Picnic

HAVE YOU ever attended an Old Settlers Picnic? If not you have missed one of the real thrills of Kansas farm life. More than a hundred such picnics are held each year in various parts of Kansas, and some of them have histories almost as old as the state. A typical example of this kind of entertainment is the annual old settlers picnic for pioneers and present residents of northern Haskell and southern Finney counties, a 2-day event that saw its 49th reunion this August.

This picnic is alternated between the 2 counties each year, but always must be held within 5 miles of the 2-county line. This year it was held on the beautiful farmstead of the Forrest Cox farm, 4 miles into Haskell county.

Like the box supper and pie social, an old settlers picnic is mostly on the home-talent side, with those who attend providing both food and fun.

Food always plays a big part. At the Finney- [Continued on Page 32]



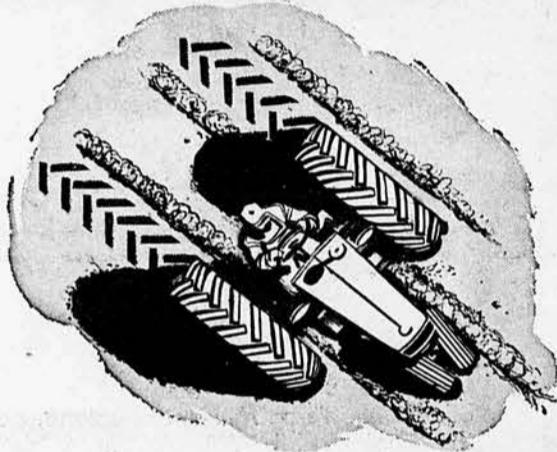
OLD SETTLERS from 'way back are Terry Pulliam, Satanta, and Tommy Gustin, Garden City, who were right in front row when anything exciting was happening.



VIEING FOR HONORS in horseshoe pitching tournament are Oscar Gustin, left, Garden City, and Don Preedy, Satanta.

- **How Is Your 'Phone Service?** **Page 4**
- **Double Sorghum Yields** **Page 10**
- **More Food From Grassland** **Page 32**

"CAN'T BEAT IT FOR TRACTION"



How can you be sure that the tractor tires you buy will give you traction when and where you need it most? Perhaps this fact will help you decide:

Year after year far more farmers prefer Goodyear's farm-proved Super-Sure-Grip to any other make. There is no close second!

This overwhelming preference stems from the fact that farmers find "you can't beat Goodyears for traction"—that Super-Sure-Grips pull where others don't. Isn't this your surest guide to the best tractor tires for you—especially since Goodyears cost no more?

3 REASONS WHY GOODYEARS GIVE "THE GREATEST PULL ON EARTH"



STRAIGHT LUGS. Goodyear lugs are ruler-straight and come closer together at the shoulders—providing the time-proved, wedge-like bite that holds the soil in place and gives this tire more traction — gives your tractor more pulling power.



O-P-E-N C-E-N-T-E-R pioneered by Goodyear. Most widely imitated of all tractor tread designs because farm experience proves it the most efficient — when combined with straight lugs!



EVEN WEAR. Goodyear straight lugs work against the soil evenly, pull evenly, wear more evenly — to lengthen tire life and make your tire dollars go farther.

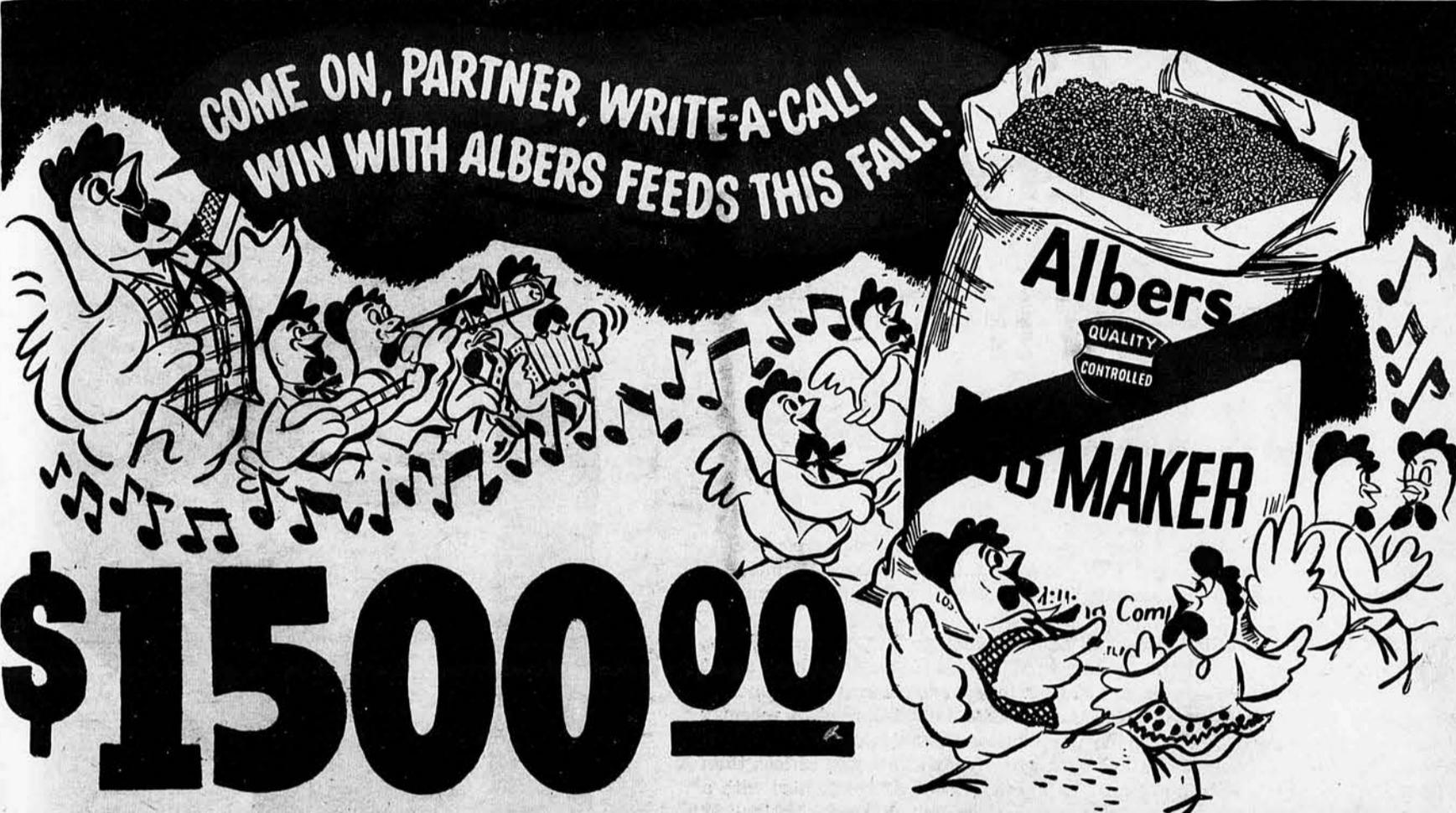
**FIRST in Traction • FIRST in Long Wear
FIRST in Popularity**

GOODYEAR

Super-Sure-Grip Tractor Tires



VANDERBILT STATE UNIVERSITY LIBRARY



COME ON, PARTNER, WRITE-A-CALL
WIN WITH ALBERS FEEDS THIS FALL!

\$150000
IN PRIZES

TO WINNERS OF THE

Albers Write-A-Call Contest!

Join the swing to Albers Egg Maker... and try your hand at writing an Albers "square dance call." You may win one of the big prizes... and, even more important, you'll be joining the swing to the feed all Mid-America is talking about. That's quality-controlled Albers Egg Maker... the finest, most profitable egg feed that 50 years of Albers research and testing have produced. See your Albers dealer right away. Get as many entry blanks as you want... there's one in every 50-lb. and 100-lb. bag of Albers Egg Maker and Albers All-Mash Egg Mash. Send in your "square dance call" for a chance at one of the valuable prizes... and get started on the squarest feed deal of your life, with Albers Egg Maker.

70 VALUABLE PRIZES!

- 1st Prize..... \$500.00
- 2nd Prize..... \$250.00
- 3rd Prize..... \$100.00
- 4th Prize..... \$50.00
- 5th through 10th Prizes... \$25 ea.
- 11th through 20th Prizes \$10 ea.
- 21st through 70th Prizes

To each winner, a 100 lb. bag of Albers Egg Maker or Albers All-Mash Egg Mash.

Printed below is the original "Albers Call." The verse you write should replace only the first 4 lines of this call, and lead into the last four lines. Be sure to listen to the tune of the Albers call, broadcast regularly on all Albers programs listed below. It will help you write a better verse.



RULES FOR ALBERS "WRITE-A-CALL" CONTEST

How to Enter: An entry blank may be obtained by purchasing a 50-lb. or 100-lb. sack of Albers Egg, Maker or Albers All-Mash Egg Mash from any authorized Albers feed dealer. Print on the entry blank your name and address and your own original words to substitute for the opening four lines of the Albers call, which are as follows:

Albers Feeds are right for you,
Best for poultry 'n livestock too;
So swing on down to your Albers store
And tell the man what ya' came there for

Mail your entry blank to the
Albers Milling Company
314 Fairfax Building
Kansas City, Missouri

Entries must be postmarked before midnight, December 1, 1952. In case of duplicate entries only the entry bearing the earliest postmark will be eligible. The decisions of the judges will be final.

Who is Eligible: Everyone is eligible to enter except employees (and their families) of the Carnation Company, the Albers Milling Company, their distributors, dealers, and advertising agencies.

Basis for Judging: All entries will be judged on the basis of originality, cleverness, aptness of thought, and adaptability to commercial advertising use by the Albers Milling Company. All entries become the property of the Albers Milling Company to use in any commercial manner they deem suitable.

ORIGINAL
Albers Call

Albers Feeds are right for you,
Best for poultry 'n livestock too;
So swing on down to your Albers store
And tell the man what ya' came there for—

Albers! Albers!
That's the name to say
To get more meat and milk and eggs
Buy your Albers Feed today.

LISTEN TO THE
Albers Call

ON ANY OF THESE RADIO STATIONS

- | | | |
|--|---|---|
| JACK JACKSON
Roving Farm Reporter
KCMO
Kansas City, Mo.
810 on your dial
12:10-12:20 p.m., Mon. thru Fri. | FARM NEWS
Little Rock, Ark.
KLRA
1010 on your dial
6:45 - 7:00 a.m. | LOYD EVANS
Farm Facts
KWTO
Springfield, Mo.
560 on your dial
6:30 to 6:45 a.m. Tues., Thurs. |
| KFSA
Ft. Smith, Ark. | KFBI
Wichita, Kan. | KTBS
Shreveport, La. |



Albers Milling Company

Albers FEEDS

QUALITY CONTROLLED

How Is Your Phone Service?

This article relates the plight of typical rural telephone exchanges. What does the future hold?

By DICK MANN

Editor's Note: This is the first of 2 stories on rural telephone service in Kansas. Second story, to appear in the October 4, issue of Kansas Farmer, will tell how one Kansas community solved its difficult telephone problem.

WE'VE GOT A BEAR by the tail and can't let go," says Frank Force, owner of Force Telephone Exchange, Wheaton. He was speaking about the situation now facing small Kansas independent rural telephone exchanges, of which his is typical. And the situation is widespread. A recently completed survey made by the Kansas Corporation Commission shows in 1951 Kansas had 20 telephone companies with gross yearly incomes of less than \$1,000; 56 companies with a gross of \$1,000 to \$2,500; 82 companies with a gross of \$2,500 to \$5,000; 63 companies with a gross of \$5,000 to \$7,500, and 32 companies with a gross of \$7,500 to \$10,000.

Looking at the Corporation Commission report for 1950 we find Force Exchange, at Wheaton, had a gross income of \$3,805 and expenses totaling \$3,190, leaving a net income of \$615 for the year. Small as this income is, there are perhaps 60 or more telephone companies in the state with less.

"We can't sell out and we don't know how long we can hold on with constantly rising costs," says Mr. Force. During his 27 years in the telephone business labor has gone up from 30 cents an hour to \$1 or more. A telephone instrument that once cost \$8 or \$9 now costs \$32 [Continued on Page 35]



A TOTAL of 180 miles of telephone line must be maintained by Mr. Force and whatever local help he can find when needed.

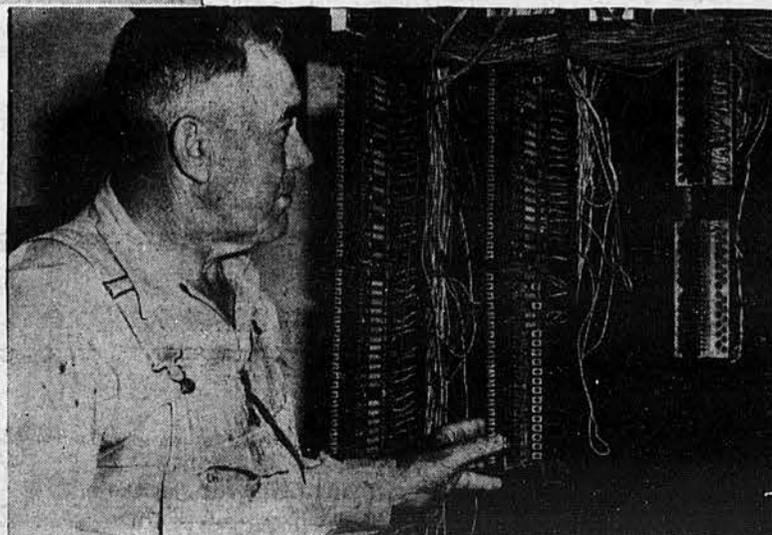


HOGS AND CATTLE help keep Mr. Force in the telephone business. He feeds 27 to 30 steers and 50 to 80 head of hogs a year.



FOR 27 YEARS Mrs. Frank Force, of Wheaton, has been running the board on their small rural telephone exchange. She and her husband are on duty 18 hours a day.

FRANK FORCE, owner of Force Telephone Exchange, Wheaton, has cables all running into basement of his home where they are handy to work on in any kind of weather.



VANDERBILT UNIVERSITY LIBRARY

Kans
You
THE A
Show
fall ca
shows
The
City, C
ing ma
U. S. A
rable 8
In a
new ex
Ameri
livesto
There
Polled
as a s
money
Bigg
is in th
fered,
crease
to \$67
partme
est is r
Then
best of
and sa
in com
Club s
The
tober
take pl
October
In the
will sta
K-Sta
YOU C
staff m
wide e
Thirty
bers ha
and sta
K-St
intende
2 state
Harold
inger,
Meyer,
Hagan
Stewar
and Ge
Thos
Bonew
Cathca
Ray H
Moyer,
B. Ew
Rufus
Good,

Kansas Farmer

News and Comment

You Are Invited

THE AMERICAN ROYAL Livestock and Horse Show will offer an attractive fare for you this fall calculated to rival the whopping postwar shows of 1946 and 1947.

The 54th annual event will be held at Kansas City, October 18 to October 25. Efforts are being made to convert Kansas City into Cowtown, U. S. A., to assure Mr. Royal visitor a memorable 8 days in the Heart of America.

In addition, new classes, new decorations, new exhibits and new faces are emerging on the American Royal scene to add freshness. The livestock end is in for considerable revamping. There is a new addition to the Royal family, Polled Herefords, in the show for the first time as a separate class. A total of \$5,000 prize money is being offered in this department.

Biggest increase in livestock premium money is in the Hereford department with \$17,040, offered, \$4,940 more than in 1951. Total cash increase this year is \$8,783, bringing prize money to \$67,838. Cash in fat and feeder carlot department amounts to \$11,565. Increased interest is noted in this department this year.

There are attractive offerings to draw in the best of entries for the big FFA national show and sale, in which Future Farmers are entered in competition on a nation-wide basis. The 4-H Club show is offering an array of prizes.

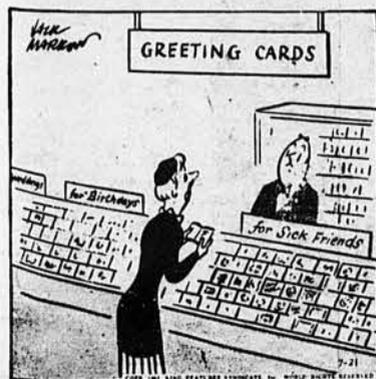
The 4-H conference dates this year are October 19, 20 and 21. Sifting of 4-H stock will take place Thursday, October 16, sale of sifteds October 17, and judging will start October 18. In the national FFA show, livestock activities will start Thursday, October 16.

K-State on the Job

YOU CAN DEPEND on Kansas State College staff members being in on community and state-wide events helping to make them successful. Thirty-nine Extension and resident staff members have been judging or supervising at county and state fairs this season.

K-State staff members who served as superintendents and assistant superintendents at the 2 state fairs are W. G. Amstein, Lot Taylor, J. Harold Johnson, Ralph Bonewitz, E. A. Cleavinger, Frank Bieberly, E. H. Teagarden, Ella Meyer, Margaret Burtis, R. B. Cathcart, F. A. Hagans, Carl Overly, C. G. Elling, Raymond Stewart, F. W. Bell, T. Donald Bell, C. E. Aubel, and Gerald Ward.

Those judging at county fairs: Bieberly, Bonewitz, Cleavinger, Elling, Taylor, Ward, Cathcart, Aubel, F. W. Bell, T. Donald Bell, Ray Hoss, M. E. Jackson, Claude King, Wendell Moyer, V. E. McAdams, M. A. Seaton, Morris B. Ewing, L. E. Willoughby, Walter Smith, Rufus Cox, Roger Regnier, Glen H. Beck, Don Good, Mrs. Velma Huston, Elmer G. Heyne,



"I'm not feeling well. I'm just reading these cards to cheer myself up."

Ernest Mader, John Hanna, Franklin Eldridge, F. W. Atkeson, Mary Elsie Border, and Norman Minks.

Having these college authorities make the placings definitely puts our fairs in the educational class. They give reasons for placings. Anyone watching is bound to know more of exhibit quality.

Always on the Job

KANSAS FARMER editors, it seems, never cease looking for stories, no matter what happens. The feature story in this issue on the Wheaton telephone exchange is a case in point.



Dick Mann

Four years ago this October Associate Editor Dick Mann had to lie in a Topeka hospital ward for nearly 3 weeks while recuperating from a major operation. During that period his roommate was Frank Force of Wheaton, a farmer and operator for 27 years of the

rural telephone exchange at that location. During the many days and nights they shared, one of the subjects they discussed often was the plight of the small independent telephone exchange in a rapidly changing world.

It was during his hospital stay Dick decided to write a story about it sometime. Now, in this issue and the one to follow, Dick comes up with not one, but 2, feature stories on rural telephone problems. We think you'll like them.

4-H'ers Celebrate

THE YEAR 1952 means Silver Anniversary for many Kansas 4-H Clubs. DIY Jrs 4-H Club in Ford county recently held a get-together 4-H reunion at Dodge City. On August 31, Be-Busy 4-H Club in Riley county held a get-together picnic-party at Manhattan. Other clubs are celebrating this year as 1927 was a good organization year for Kansas 4-H Clubs.



Gordon West

One former Be-Busy 4-H Club member is on the Kansas Farmer staff. He is Gordon West, associate editor. He writes 4-H news, and the column, "News of Kansas 4-H Clubs." He also authors the columns, "Farming Firsts," "Have You Heard?," "Until Dinner is Ready," "What Other States Are Doing," short human interest articles, and helps edit articles and make-up Kansas Farmer issues. He was president of the Be-Busy club one year, president of the Collegiate 4-H Club when a student at Kansas State College. One year he was State Champion 4-H News Reporter. Recently the state 4-H yearbook, Who's Who, published its 25th annual edition, and honored editors of the 1st, 5th, 10th, 15th and 20th editions. Gordon was the 15th editor.

We on Kansas Farmer are happy we have a former 4-H editor who knows 4-H Club work at its "grassroots." Now, let's hear from more 4-H Clubs that are 25 years old.

Loans for Bins

THIS MAY ANSWER a question you have, too. Farmers still can get loans to build storage facilities. Extension of the Commodity Credit Corporation program providing loans to finance



"A seasoned vacationer is a person who can fold up a road map the first time!"

"A committee is a group of unfit appointed by the unwilling to do the unnecessary."

"Then there is the husband who told his wife to throw that ouija board away. 'Such superstitious nonsense in deciding questions around my house! When I come to a point where I can't make up my mind, what I do is flip a coin.'"

"Toast is a slice of bread you scorch by the fire and then scrape at the sink."

"Jazz music—where it doesn't make any difference if you jangle a cow bell at the wrong time in the wrong place in the song."

Will Rogers said: "It takes a great country to stand a thing like presidential elections hitting it every 4 years."

"Did you ever hear of a horse betting on the human race? That's horse sense."

"He will be more careful next time. The vacuum cleaner salesman scattered sawdust over the living room rug in a farm home. Said he: 'If this electric sweeper won't pick up every particle, I'll eat it.' 'Better start nibbling,' said the housewife, 'we don't have electricity.'"

construction or purchase of new farm storage facilities was announced in August.

The original loan program, in June 1949, has been further extended and will be in effect thru June 30, 1953. Loans are now available up to 80 per cent of cost of the structure, to any owner-operator, tenant, landlord, or partnership of producers wishing to erect facilities which will meet requirements for eligible storage under the price-support program.

Loans will be payable in 4 annual installments or earlier as the borrower may wish. Interest will be 4 per cent. Loans will be available thru your local lending agencies or from PMA county committees.

Kansas Farms Rank High

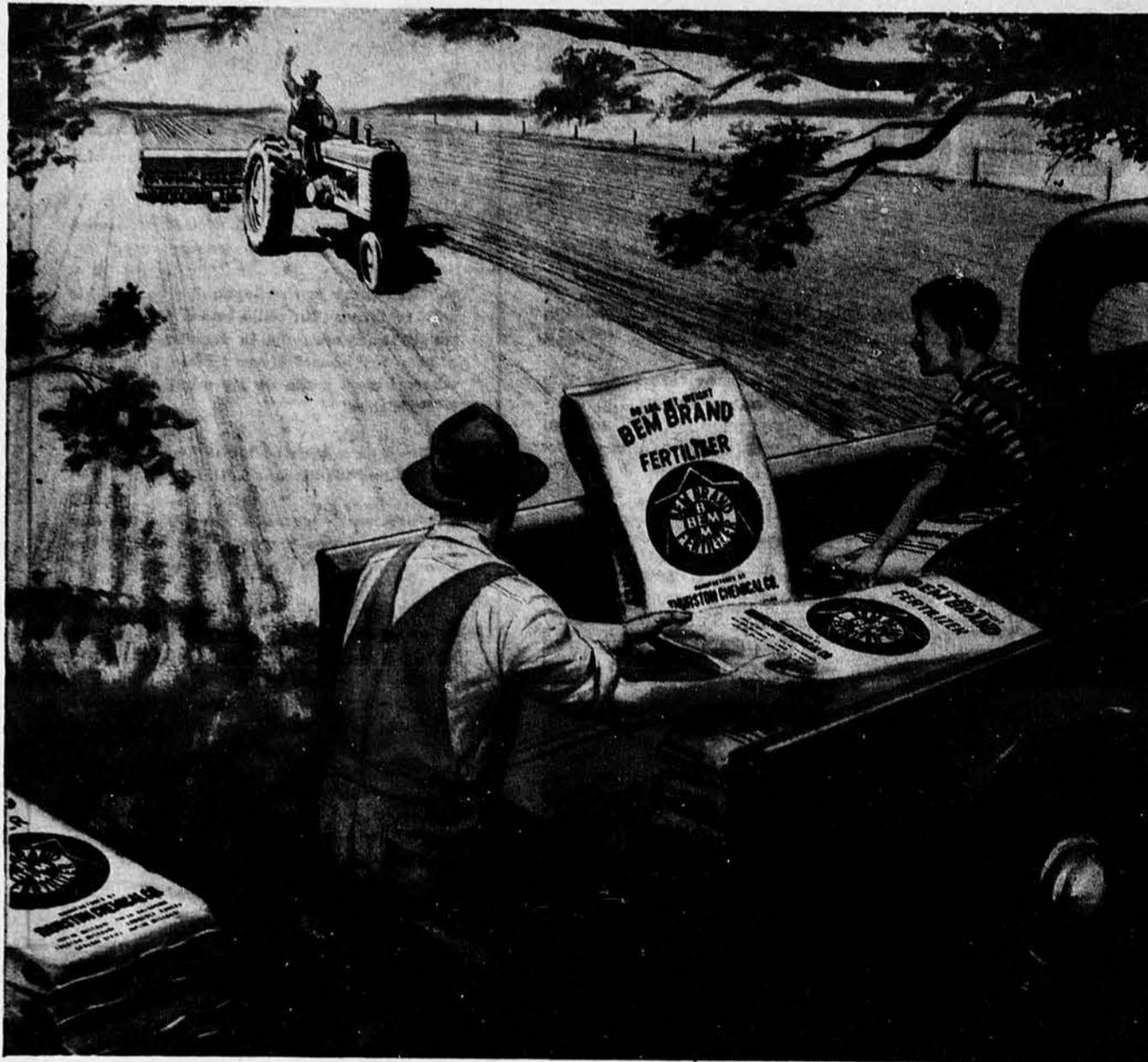
KANSAS FARM STANDARD of living ranks high in the Nation. In a recent survey, "Level of Living Index for Farm-Operated Families," Kansas ranked 12th. The USDA study covers activities of years 1930, 1940, 1945 and 1950. The 4 key items used for the index were percentages of farms with electricity, with telephones, and with automobiles, and average value of products sold or traded.

The 1950 figures showed these counties ranked highest: Comanche, Clark, Meade, Riley, Clay, Barber and Brown.

The survey did not measure standards of living between farm and city families, but changes between counties or sections of country.



"Nothing serious, Doctor. I'd like you to give my guests the technical details of my operation."



10 Silage Tips For Better Feed

PUTTING BEST possible silage into storage when ensiling immature drouth-damaged corn or sorghum depends on proper filling of the silo, say Kansas State College Extension engineers.

A few recommended practices to follow when filling silo, they say, include:

1. Cut feed fine. This makes it easier to pack.
2. Place feed in silo as soon as possible after cutting. This is particularly true in drouth-damaged crops.
3. Moisten silo walls prior to filling with dry crops. This is very beneficial on earth-lined trench silos.
4. On trench silos particularly, pack ensilage thoroly as it is filled. Upright silos should at least be kept level. Tramping is desired on dry feeds.
5. Add moisture to feed when placed in silo if it will not pack otherwise.
6. Be sure to seal thoroly all openings such as doors, prior to filling.
7. In case of a large trench, fill the portion to be used full rather than string feed over entire length.
8. A well-rounded top above surrounding area is desired on trench silos.
9. Pack and level top surface each day after filling for a week at least if a cover is not used.
10. Be sure all drains are working and surface drainage is away from silo.

Set Up New Farm Deferment Policy

A new state farm draft deferment policy is being set up in Kansas. At a meeting in Topeka, August 29, a special 15-member board met and developed the new policy.

Farm youth who work a minimum of 2,400 hours a year, and fill out a special detailed blank, can be deferred, then ask for renewals. A new work sheet guide will be available to local draft boards, and can be adjusted to meet local conditions. The guide was drawn up by Kansas State College economists.

Final decision on a deferment will rest with the local board; use of the guide is not compulsory. However, Governor Arn and all major farm organizations in Kansas have approved the new policy, patterned after several other states. The special state-wide committee met with Wendell Becraft, head of the Kansas Agricultural Mobilization Committee, in the office of the secretary of the Kansas State Board of Agriculture, Roy Freeland.

To Meet in Wichita

National Flying Farmers Association has voted to hold the 1953 annual convention at Wichita, home of new national headquarters. Date will be announced later.

here comes **BEM** the bonus **BRAND!**

THE dictionary says a bonus is "something given in addition to what is strictly due"...and that's exactly why BEM BRAND is known as the *bonus* fertilizer.

Giving farmers something extra for their fertilizer dollars has been the Thurston Chemical Company's policy from the very start. By now, most farmers know that the first bonus they get from BEM BRAND comes right in the bag. In addition to the guaranteed levels of primary plant foods—nitrogen, phosphate, and potash—BEM BRAND contains valuable secondary nutrients which your soil must have to sustain heavy production. These vital elements—calcium, sulphur and many others—put a *bonus* in every bag of BEM BRAND you buy.

The second extra is *service*...having the right grades of BEM BRAND available to you

at the right time. Starting with carefully selected dealers and company representatives, the makers of BEM BRAND do everything in their power to supply your needs promptly, in spite of serious material shortages from time to time.

Finally, BEM BRAND Fertilizer gets results...and that's the bonus that really counts. Any crop you raise takes a big investment in time, cash, and equipment. It will pay you to protect that investment with BEM BRAND. Many of your friends and neighbors use BEM BRAND...ask any of them about their results. That's the best way we know to get the facts about BEM BRAND'S superior performance. And remember, BEM BRAND is made for your kind of soil, because it's made right in your own state, in all popular grades.

BEM BULLETIN BOARD

TEST YOUR SOIL

YOUR COUNTY AGENT CAN TELL YOU WHAT GRADE OF BEM BRAND IT NEEDS!

LISTEN TO

TODAY'S FIRST HEADLINES WITH SAM SCHNEIDER 5 A.M. DAILY ON KYOO 1170 ON YOUR DIAL

AND "THE NOON NEWS" WITH LARRY FINLEY MON. WED. FRI. ON KCMO 210 ON YOUR DIAL

FREE

FERTILIZER HANDBOOK

WRITE INFORMATION DEPT. THURSTON CHEMICAL CO. JOPLIN, MO.

Buy **BEM**...the bonus fertilizer!

THURSTON CHEMICAL CO.



KANSAS FARMER

Continuing Mail & Breeze

ARTHUR CAPPER...Publisher (1893-1951)

121-123 West 8th St.

Topeka, Kansas

Vol. 89, No. 18

H. S. BLAKE...President and Publisher
 Raymond H. Gilkeson...Editor
 Dick Mann...Associate Editor
 Gordon West...Associate Editor
 Mike Burns...Associate Editor
 Florence McKinney...Women's Editor
 Dr. C. H. Lerrigo...Medical Department
 Mike Wilson...Livestock Editor
 J. M. Parks...Protective Service
 Roy R. Moore...Advertising Manager
 A. E. Carson...Circulation Manager

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

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

Three years, \$1; one year, 50 cents. Copy 6c

B.F. Goodrich TRACTOR TIRES

Better on paper — best on the wheel



POWER-CURVE TIRES

COMPARE THE LEADERS!

Only BFG gives you all these features

	BFG	TIRE A	TIRE B	TIRE C
ROUNDED PROFILE...for easier rolling and better penetration	YES	NO	NO	NO
OPEN-CENTER TREAD...cleans easily	YES	YES	NO	YES
EXTRA-HIGH CENTER...for greater traction	YES	NO	NO	NO
ARROWHEAD CLEATS...bite better—don't roll back	YES	NO	NO	NO
EXTRA RUBBER IN CENTER...for longer life	YES	NO	YES	NO
CURVED CLEATS...prevent bending	YES	NO	YES	YES

Here's why B. F. Goodrich tires save you time in the field



YOU CAN SAVE hour after hour of working time when your tractor rolls on powerful B. F. Goodrich tires. Just as a round-pointed shovel (left top) bites into the soil easily, so rounded-profile Power-Curve tires penetrate better, give you full shoulder-to-shoulder traction in reverse or forward.



Tires with a flat profile, like the square-pointed shovel, require greater pressure to dig into the soil, actually push dirt ahead.

Arrowhead Power-Curve cleats take a sharp, deep bite into the soil. Result: greater drawbar-pull. And because the cleats are evenly spaced from center to shoulder, dirt falls from the open channels. No dirt-clogged, spinning wheels to waste time, burn up fuel. Every turn of a Power-Curve tire counts for maximum traction and pull.

Compare the leading tires. On every count you'll be hours and dollars ahead with power-packed Power-Curve tires. See them at your B. F. Goodrich retailer's store. His address is listed under Tires in the Yellow Pages of your telephone book. *The B. F. Goodrich Company, Akron, Ohio.*



Always specify B. F. Goodrich tires when ordering new equipment



Make the Most of the Nitrogen you get!

Nitrogen remains in short supply! Help meet today's ever-increasing demands by making your nitrogen supplies more productive—by proper and timely application suited to your own particular soil and crop conditions.

Phillips is making every effort to help ease the shortage of nitrogen . . . so keep asking for Phillips 66 Ammonium Sulfate (21% Nitrogen), Phillips 66 Prilled Ammonium Nitrate (33% Nitrogen) or Phillips 66 Agricultural Ammonia (82% Nitrogen). Plan your fertilizer needs well in advance and place your orders early with your local fertilizer supplier.

PHILLIPS CHEMICAL COMPANY

A Subsidiary of Phillips Petroleum Company, Bartlesville, Oklahoma

SMALL GRAINS AND PASTURES NEED NITROGEN

High small grain and pasture production call for repeated fertilization with nitrogen and other plant foods. For better livestock gains, pastures and small grains should receive nitrogen fertilizer in the early fall. This will help you get longer fall grazing as well as earlier grazing next spring. Top yields of grain are obtained from fall seeded small grains by applying nitrogen again in the spring after heavy fall and winter grazing.



FOR HIGHER YIELDS USE PHILLIPS 66 HIGH NITROGEN FERTILIZERS!

Phillips 66 Ammonium Sulfate and Prilled Ammonium Nitrate are free-flowing, easy to spread or drill. Phillips also produces Agricultural Ammonia (82% Nitrogen) for direct or irrigation application.



COMING, NEXT ISSUE

"There's Something Fishy Here," is the title of our next feature story in the Home Department. If you're interested in how we gave a fish dinner, this story will be helpful. As for the fish, they're the Kansas variety. We include menu, decorations, invitations and tell you how to have a great time. Turn to the Home Department of the October 4 issue of *Kansas Farmer*.

Seven 4-H Members in Green Family Make Clark County Proud of Them

By RUTH McMILLION



MEET THE GREEN family of Clark county. Left to right, Charles Green, Jr., Mrs. Green and their children, Beth Ann 11, Margaret B, Roger 14, Charles G. 20, Janatha 17, Bobby 15, Richard 13. All are successful 4-H Club members.

THE SEVEN CHILDREN of Mr. and Mrs. Charles Green, Jr., all 4-H members, practically have a club of their own.

This is the second consecutive year all have been in 4-H work at the same time. Next year Charles Gordon will be out.

At the Clark County Fair this summer their winnings were practically draped in blue ribbons and championships.

Charles G., on his 20th birthday, took champion ribbon on his crossbred Brahman steer.

Janatha, age 17, was champion of the style revue, took 1st in lightweight Herefords, and won the blue ribbon on her secretary book. She is secretary of her 4-H Club.

Bobby, age 15, had reserve champion Hereford.

Roger, 14, had champion Angus and was reserve champion in showmanship.

Richard, age 13, took 1st in Morgan saddle horses, had reserve champion of the show, 2nd in lightweight Herefords and had grand champion breed-

ing Hereford with his summer yearling. Beth Ann, who is 11 and in 1st year sewing, took blue ribbon on her apron and received blue ribbon in style revue also had a red ribbon calf.

Little Margaret, age 8, took champion on her turkeys and received a ribbon on her cookies.

Mrs. Green, who is very capable and willing, was leader in 1st year sewing. Mr. Green was livestock project leader and said he was not too proud of the small amount of time he had devoted to this leadership, but sponsoring the projects within his own ranch required plenty of leadership and the results proved he did a good job.

Last year Mr. Green hoped he could inspire some of the children to a garden project; but "no hoeing" as yet.

Mr. and Mrs. Green operate the 2,200 acre Green ranch 18 miles west and north of Ashland. They also run 20 head of range steers plus registered cows.

The Green children are not only competent 4-H members, but charming children with versatility and pep. Clark county is proud of them.

Sweet Potato Growers Make Comeback From Effects of 1951 Flood

By WILLIAM G. AMSTEIN, Kansas State College

SWEET POTATO GROWERS in Kansas are staging a remarkable recovery from the 1951 flood. However, all problems have not been met. Harvest time is one of the best opportunities to make further progress for 1953 and later years. Due to heavy crop loss in 1951, many growers lost most of their best seed sources including their hill-selected seed.

To get into the sweet potato growing business this year, seed stock was obtained from many sources both inside and outside of Kansas. It was only natural there was wide range in quality of seed stock obtained. These variations are noticeable in growing fields but will be more pronounced as the crop is harvested. Not only will freedom from disease vary, but market type, skin as well as inside flesh color and other important character differences will be noticed.

At harvest time considerable progress can be made in meeting these problems by selecting high-quality

seed stock for 1953. In addition, good quality marketable sweet potatoes can be harvested without too much extra work. A little time spent in selection of both table and seed stock will pay good returns.

It should be constantly remembered in harvesting sweet potatoes, whether for home or commercial use, that the sweet potato has a very delicate skin. Where the flesh is bruised, broken or (Continued on Page 9)

Just How to Do It

Our leaflet, "Refinishing Furniture," has answered questions on this subject for many subscribers. The information is instructive and reliable. Write to Farm Service Editor, *Kansas Farmer*, Topeka, enclosing 3c for postage, and we shall fill your order promptly.

9
STATE COLLEGE OF JOURNALISM
LIBRARY
SEP 20
MANHATTAN
KAN

cut, decay may follow in these areas especially if infection occurs before the wounds have healed.

A common problem in harvesting sweet potatoes results from the late-season maturity of the crop. The last 2 or 3 weeks before frost or harvest is the period of year when a good share of the total yield develops. To get this yield, many plantings are left to the last possible date before digging is even started. Then, it becomes a real problem to get needed hand labor to harvest the crop and keep down unnecessary injury, as well as to save out needed seed by hill selection.

Developed an Outstanding Strain

Too few Kansas sweet potato growers have found it convenient to hill-select their needed seed supply. For a long time, Herman Theden, of Bonner Springs, has been a firm believer in the value of hill-selecting seed stock at harvest. As a result, he has developed an outstanding strain of high-quality Jersey sweet potatoes. More Kansas growers need to work out this same seed-saving program. There are several other growers in the Kaw Valley area who follow this practice, including Joe Meier and Sons near Topeka, and Rollie Clemence at Abilene. In the Arkansas river growing area; A. M. Buser at Hutchinson, and Bernard Lohkamp near Wichita are among the leaders in improving quality of the sweet potato crop thru seed selection.

For most growers, until more practical machines are developed, sweet potatoes will be separated from the soil and vines by hand and placed in containers. At the time they are scratched out, much of the grading can be done.

To guarantee as high-quality, disease-free seed stock as can be obtained from his field, every grower, or someone qualified and interested in the job, should hill-select the needed seed. This job needs to be done after sweet potatoes are plowed out, but before any potatoes are removed from vines.

How to Hill-select Seed

Some important steps in hill-selection of seed are to examine stem of the vine of promising hills. The stem of the plant should be split open just above where it attaches to the roots—about the ground line. If a disease known as stem rot is present in the plant, it will be noticed by the dark-brown or black streaks inside the stem. Under no condition, regardless of fine appearance of the potatoes, should seed be saved from a hill that shows presence of stem rot.

Potatoes should be examined for presence of soil pox and black rot. Pox is noticed as small indented areas.

Before receiving final approval as seed stock, the market quality of the potatoes needs to be considered as well as the number of marketable size on the hill. However, the smaller potatoes (not "strings") from a clean, productive hill are just as valuable for seed as medium-size ones and are to be preferred to the large ones. Measured in plant production, the small or medium-size potatoes will produce more plants per bushel than large potatoes.

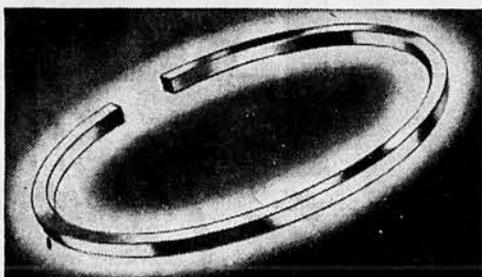
After potatoes are selected for seed purposes, pick them up carefully. Store them in your best area and give them "hands off" treatment. They can prove to be the best investment you will make for your 1953 crop program.

"Button Up" Buildings

Plan now to use spare time to "button up" farm buildings for winter. Insulation provides better protection for machinery, increased value and attractiveness of buildings, and means higher productivity from cows and chickens. "Modernize and Save with Insulating Siding" pamphlet gives you advantages of insulating, suggestions. Insulating Siding Association, Glenview, Ill., makes this folder available, free. Write Farm Service Editor, Kansas Farmer, Topeka, Kan.

AMAZING RADIO-ACTIVE TRACER TESTS PROVE—

Mobiloil's Powerful NEW Wear-Fighting Action



RADIO-ACTIVE PISTON RINGS
makes it possible—for the first time—to measure engine wear with truly scientific accuracy.

New Super-Detergent Formula Means Longer Engine Life—Less Oil Consumed!

IT'S TRUE—proved by radio-active tracers from the Oak Ridge atomic pile! Mobiloil's new combination of ingredients can stretch the life of your engines—can drastically reduce engine wear during the periods when most wear occurs . . . during starts, warm-ups and stop-go operation. Less engine wear means less spent on motor oil make-up, too!

HERE'S HOW WE PROVE IT . . .
Radio-active piston rings are installed in test engines. "Hot" metal particles, scuffed off the rings into the motor oil, are then measured by Geiger counter. The result proves Mobiloil with new super-detergent formula gives wear-fighting action—top performance, peak operating economy!



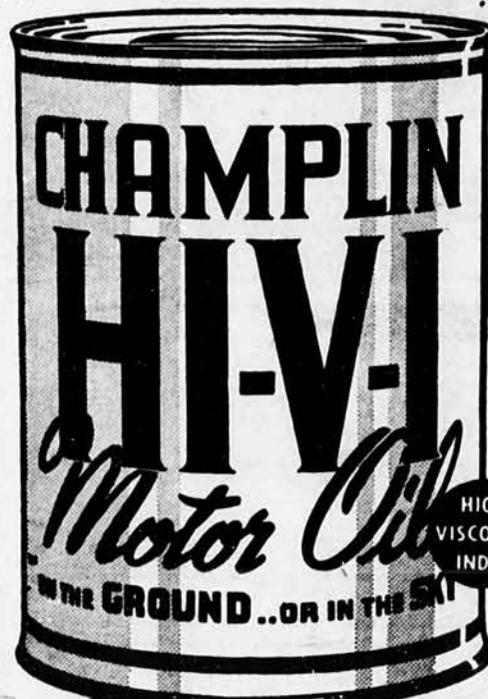
WHY ACCEPT LESS THAN THE

World's Largest-Selling Motor Oil



HI-V-I MOTOR OIL INSURES

Extra Lubrication Protection



Extra protection where it's needed! This is the secret of HI-V-I's superior lubrication... Extra Protection afforded by its cleansing action... its instant flow at starting speeds... rich, full-bodied lubrication at high speeds! HI-V-I's extra protection costs no more... enjoy trouble-free lubrication by asking for Champlin HI-V-I motor oil at your nearest Champlin service station!

a product of
CHAMPLIN REFINING CO.,
Enid, Oklahoma

**CHAMPLIN
ESTER
WEED KILLER E-40**

Troubled with Bind Weed now? Watch it die, when sprayed with this liquid concentrate weed killer. Mix with water for hand or power sprayers; can be mixed with Diesel Fuel for airplane application. Available in quart; gallon; 5 gallon; 30 gallon and 55 gallon sizes.



County Agent McLaury Put On A Most Unusual Hog Show

LINN COUNTY had 4-H swine projects to exhibit at their fair at Mound City, August 21-22-23.

When the swine end of the fair was cancelled by the outbreak of vesicular exanthema, the county agent, Bruce E. McLaury started figuring a way for all 4-H members who had swine projects to show their hogs and receive credit for their year's work. He came up with the idea of picture judging.

This idea appealed to the 4-H Council and work of getting still shots of hogs from 3 views was started. Mr. McLaury visited each of the 18 4-H members of Linn county who were enrolled in swine projects and spent many nerve-racking hours getting side, front and rear views of some 22 different hogs.

Pictures were made with flash bulb and at the same distance so each would have a fair chance in the judging. No particular backgrounds were used as all backgrounds were to be cut out of the pictures.

Club members were notified when the county agent would be on their farms for pictures and nearly all had their hogs washed and in special pens. Most pictures were made either in the farmyard or at barns away from hog lots, so Mr. McLaury did not take the

chance of spreading any disease from one pen to another.

Tuesday evening, just 2 days before opening day of the fair, the pictures were all made but still undeveloped. Locating someone to develop and enlarge the pictures within the 2 days was quite a problem. Mr. Barnett of the Ren-net Studios in Fort Scott was very co-operative and at 11 p. m. on Monday night accepted the job of getting out 66, 5 by 7 pictures in a 24-hour period so they could be at the fair on time.

The hogs were cut out of the backgrounds and views of each hog pasted on white 6-ply paper cards 7 by 11 inches with the head, side and rear on a card. These cards then were tacked to a display board and placed in the poultry and rabbit building at the fairgrounds.

Joe B. Devine, county agent from Allen county, was a bit surprised, but quite co-operative when, after judging beef and sheep, he was asked to judge pictures of hogs.

The pictures were very enthusiastically accepted by the exhibitors and thru the co-operation of the fair secretary, Jack Morse, premiums are to be paid on the picture results just as if the hogs had been there as in past years.

Double Your Sorghum Grain Yields By Fallowing the Land

MORE THAN any other crops, sorghums respond to fallow, visitors were told fall field day at Fort Hays Branch Experiment Station. "You can double sorghum grain yields with fallow almost every year and you can't do that with wheat," says Paul L. Brown, soil management specialist at the station.

A common fault in seeding sorghums, visitors learned, was in seeding too heavy and too shallow. Three pounds of seed or less an acre most years will produce best results, and seed should be deep enough to contact moisture. Heavy seeding means too much early growth that uses up moisture before seed can form.

Weeds in sorghums should be controlled before seeding, but if weeds become bad later they should be cultivated out. Spraying with 2,4-D has not been too satisfactory. "Spraying should be done only if there is danger of losing your crop to weeds," says Bill Phillips, of the station. There were no visible results this year, Mr. Phillips said, from using 120 pounds of ammonium nitrate and 90 pounds of treble superphosphate an acre on grain sorghums. The fertilizer was applied both by broadcast before planting and by drill at seeding without result.

Didn't Prove Practical

Wide-spaced grains seeded with sweet clover have not proved practical at the Hays station. "Sweet clover has enough difficulty getting started here without any competition," says Bill Duitsman, superintendent.

A new sweet clover variety, A46, a Wisconsin strain, shows lots of promise at the Hays station. It is an early strain and has lots of seedling vigor.

Altho they need more testing, Tepary beans, an annual legume, have been giving pleasing results at the Hays station. The Tepary bean is a native of Arizona and Mexico. Its forage is of high quality, stems are fine, and leaves thin and abundant. In feeding trials in other states Tepary bean hay has been equal to good alfalfa hay. Tepary beans have been yielding 2.01 to 2.15 tons of hay an acre at Hays compared to 1.09 tons for soybeans and 1.44 tons for cowpeas. Alfalfa at the station yields less than one ton an acre.

A completed experiment on safflower at Hays has convinced scientists there that present varieties of safflower, at

least, offer nothing to farmers in the area. Average yields of safflower, in dollar and cents returns, have been equal to wheat yields of only 6 to 8 bushels an acre.

In the grass utilization and pasture management tests cattle on moderately grazed pastures put on more weight than cattle on either heavily or lightly grazed pastures. After examining a lightly grazed pasture, one farmer said: "Well, I've learned one thing. It doesn't do any good to raise grass if you don't use it."

Intermediate wheatgrass proved the most potent grass variety for putting weight on cattle. The 1952 gains per head to September 1 were: Buffalo grass, 179 pounds; western wheatgrass, 257 pounds; intermediate wheatgrass, 298 pounds. Buffalo grass, up to September 1 had provided 124 days of pasture, while the other 2 grasses had given 145 days of pasture.

38 Pounds More Seed

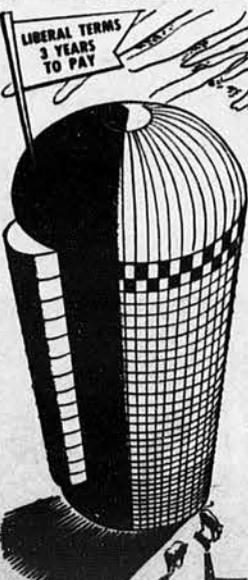
This year the Hays station ran extensive tests, with 6 replications, on airplane spraying of alfalfa with dinitro to dry up leaves for combining standing plants for seed production. This method was compared with mowing, windrowing and harvesting with a pickup attachment.

Alfalfa that was sprayed with dinitro yielded 38 pounds more seed an acre than that harvested in the conventional manner. Costs for spraying were \$7.50 an acre and costs of combining by custom operator were \$7.50 an acre, making a total harvest cost of \$15 an acre.

For conventional harvesting costs were figured on the basis of \$1.50 an acre for mowing and windrowing with a curler on the mower, and \$10 an acre for pickup combining, or a total cost of \$11.50 an acre.

Figuring increased yield of seed on the sprayed alfalfa at only 50 cents a pound, there was a net value in spraying method of about \$15.50 an acre over the conventional method. Spray consisted of 2 pints of dinitro an acre, mixed with 10 gallons of diesel oil. Spraying was done in the morning and harvesting of the standing crop was done the following day.

"We also sprayed a 60-acre commercial field of alfalfa and harvested 377 pounds of seed an acre," says Mr. Duitsman.



SILAGE makes extra profits for you!

SALINA

Concrete Stave SILO

Prepare now to make extra profits by feeding silage next winter. Save all you raise! A SALINA SILO pays for itself in a few short years of use. Write for facts today!

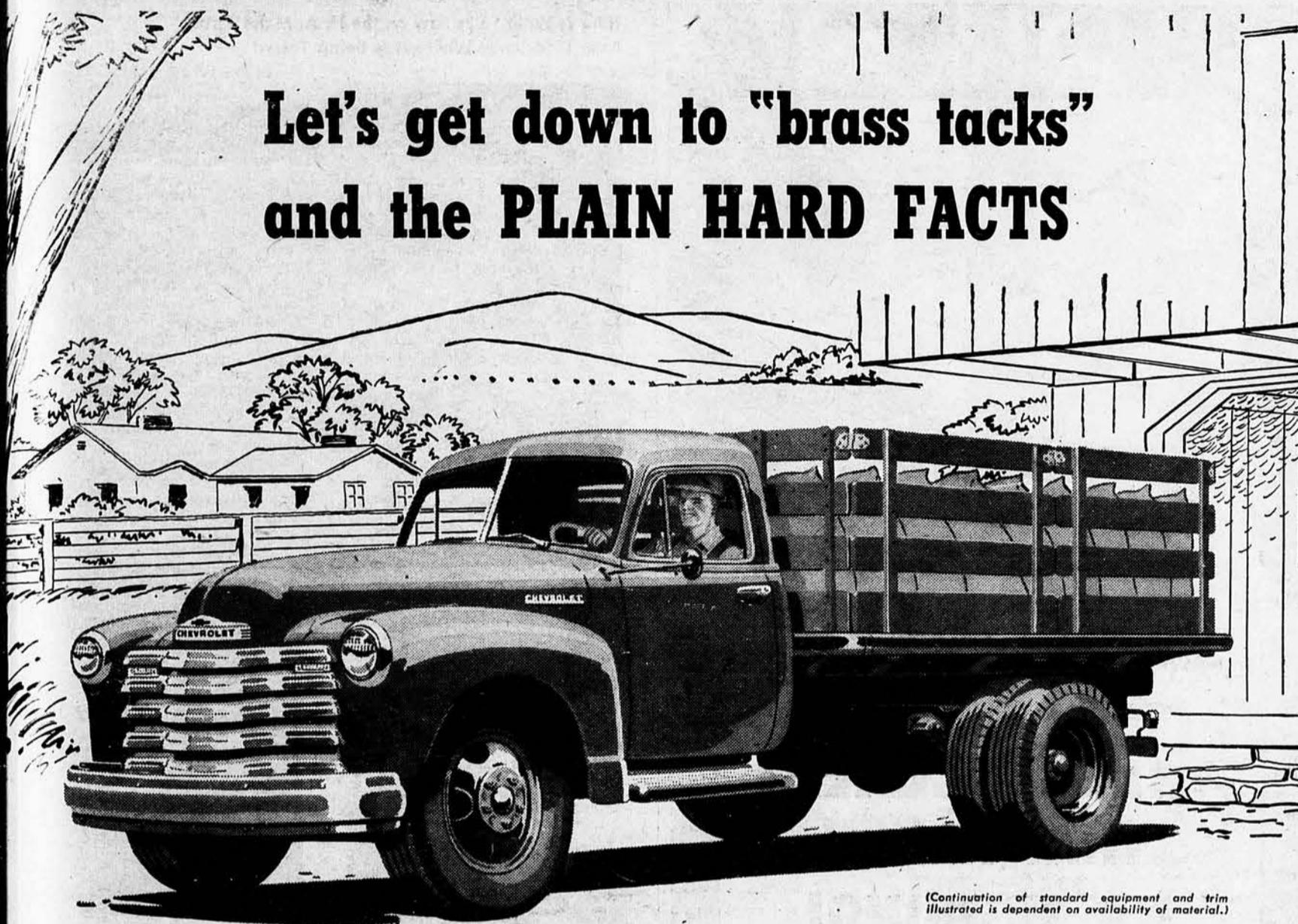
NO DOWN PAYMENT REQUIRED!
Save up to \$50 With Cash Discounts

FREE... send for this illustrated booklet showing features and construction details. Write today!

SALINA CONCRETE PRODUCTS Company
1104 W. Ash Salina, Kansas



Let's get down to "brass tacks" and the PLAIN HARD FACTS



(Continuation of standard equipment and trim illustrated is dependent on availability of material.)

Here's why a Chevrolet truck means dollars-and-cents savings!

Size up the plain hard facts, and see for yourself why a Chevrolet truck cuts down your hauling or delivery costs on any farm job.

With all its savings, a Chevrolet truck is powerful, dependable and easy to handle on or off the road. Easier Ball-Gear Steering. Fast, quiet Synchro-Mesh transmis-

sion that eliminates double clutching. Smooth, easy-acting clutch. Roomy cabs with five feet of hip room, ventipane windows, and seats with double-deck springs.

They're great trucks on the farm . . . and they save you plenty. Talk it over with your Chevrolet dealer. Chevrolet Division of General Motors, Detroit 2, Mich.

Fact No. 1

You Pay Less to Buy!

Get the price on the Chevrolet truck that's the right size, type and capacity for your work. You'll find it's priced below any other truck capable of doing the same job. Chevrolet's list prices are lowest in the field.

Fact No. 2

You Save on Cost per Mile!

You can't beat Chevrolet's Valve-in-Head engine for over-all economy—fuel, oil, upkeep. It just keeps rolling along. And extra-rugged frame, hypoid rear axle, Flexi-Mounted cab mean longer life, lower maintenance.

Fact No. 3

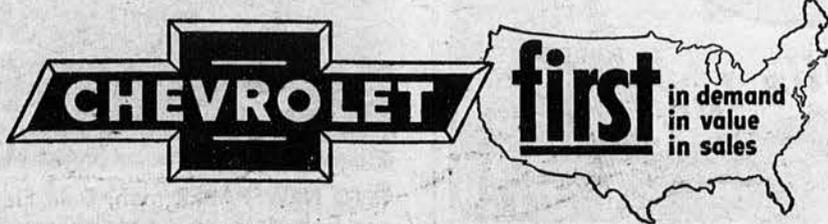
You Get the Right Truck for the Job!

No truck is worth a nickel if it doesn't get the job done—fast and sure. Chevrolet trucks are factory-matched to the payload, factory-matched to the job. There's a chassis and standard body, or chassis for a special body, that's just right for your work.

Fact No. 4

Your Truck Investment Is Safer!

Comes time to trade in an old Chevrolet truck, here's good news: Year after year, used Chevrolet trucks traditionally bring more money, compared to what they cost, than other makes. Chevrolet trucks stand up better. They're a better investment.



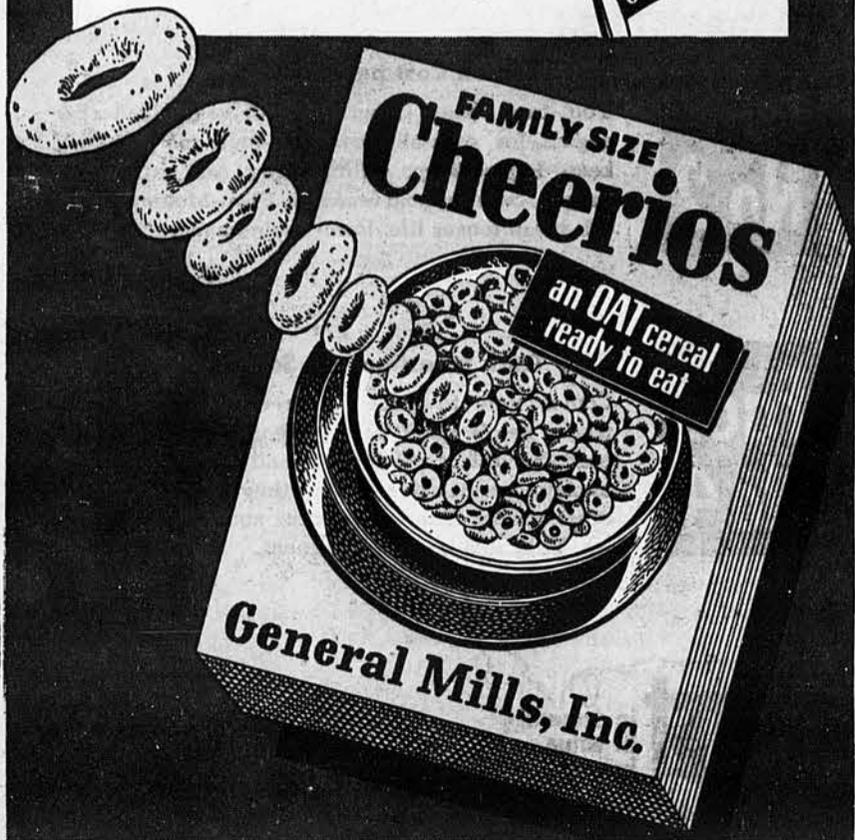


He's feeling his CHEERIOS...

**-THE OAT CEREAL
THAT NEEDS
NO COOKING!**

**Yes ... a ready-to-eat OAT CEREAL
with a whale of a lot of GO power!**

Now, try a truly different oat cereal... *Cheerios!* Made from energy-packed oats, yet light, crisp, *ready-to-eat*... actually shaped like golden-brown, appetizing, little doughnuts. Your family will love Cheerios' deliciously fresh, toasted oat flavor. And remember, there's no easier way to serve that hearty oat energy your folks want at breakfast time. So, for a better, easier breakfast, include Cheerios... the oat cereal that needs no cooking!



Will It Pay to Irrigate?

Here Is What Folks Saw on the H. A. Malm Farm, Near Lindsborg, Where It Is Being Tested



VISITORS to irrigation farm look over fine grain sorghum crop. Note water in ditch in foreground.

DO FARMERS in Smoky Hill valley below Kanopolis reservoir want irrigation? Only time will tell, but several hundred of them took a day off recently to attend a field day on the H. A. Malm Irrigation Development Farm, near Lindsborg.

Here, Mr. Malm is irrigating 45 acres of his farm under guidance of local, state and federal agencies to see whether irrigation can be practical in that area. This is what visitors saw:



STANDING in irrigated corn that will produce more than 100 bushels an acre is Harold A. Malm of Lindsborg. The Malm farm is serving as an experimental irrigation project to test whether irrigation from Kanopolis reservoir is practical.



THIS SURGE TANK on Malm farm takes pressure off irrigation pipe and holds enough water to irrigate 1.6 acres an hour. Russell Herpich, Kansas State College Extension irrigation engineer, explains function of tank.

1. Corn that looked like it would beat the 107-bushel yield raised last year.
2. A grain sorghum crop that would be welcomed on any farm in Kansas.
3. Soybeans that Luther Willoughby, Kansas State College Extension agronomist, rated at 35 to 40 bushels an acre. Soybeans cannot be grown in the Lindsborg area under dry-land farming conditions.
4. A 6.5-acre irrigated brome-al-falfa pasture that, from April 27 to

(Continued on Page 13)



TWO NEWSPAPER men, Dale Fields, right, of Topeka Daily Capital, and Bob McMann, editor of Farm Bureau News, Manhattan, look over pumping plant on Malm irrigation project.

KANSAS STATE UNIVERSITY LIBRARY

September 3, had produced 2,214 cattle days of pasturing, plus 27 80-pound bales and 1,300 pounds of loose hay. The pasture was fertilized at seeding time with 100 pounds of 45 per cent superphosphate and was top-dressed with 100 pounds of 33 per cent ammonium nitrate. Value of pasture and hay for the season was estimated at \$150 an acre.

5. Alfalfa seeded in the spring of 1951 and fertilized with 200 pounds of 45 per cent superphosphate that produced 5 tons of hay an acre this year.

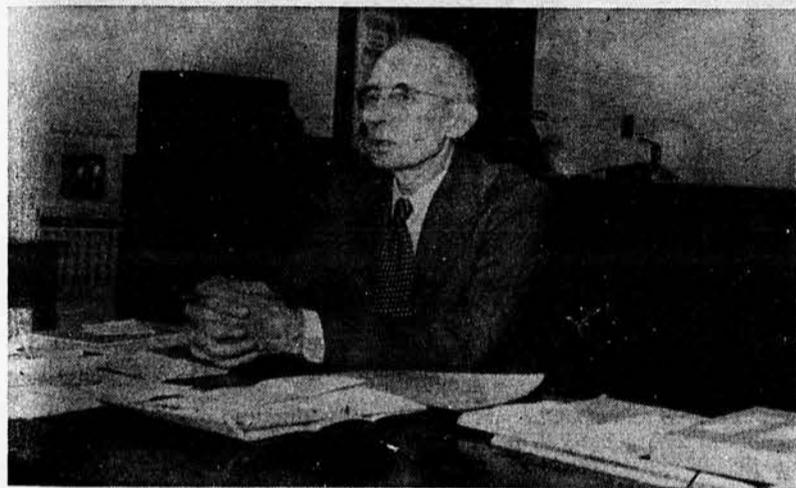
About 1,000 acre-inches of water were pumped during this season. This was enough to make a uniform application of 20 acre-inches per acre on the entire irrigated area.

The Malm irrigation plant operates at 750 gallons a minute, which is enough to irrigate 1.6 acres an hour. Lift from the river to a Surge tank is 50 feet.

How about costs? Land leveling cost \$17 an acre, of which \$8 an acre was paid back by ACP. Other costs averaged \$12 to \$15 an acre. Net labor income last year was \$40 an acre.

Ira Plank Has Enviably Record Teaching Vocational Agriculture

By JUANITA REYNOLDS



LONGEST RECORD as an agriculture teacher probably can be claimed by Ira Plank, of Winfield. He has been very active in worth-while community projects thru the years.

IRA PLANK, of the Winfield high school faculty, probably can claim the record in Kansas for most years as an agriculture teacher. He has been teaching Vocational Agriculture 34 years.

Of those years, 32 have been spent at Winfield, and 2 at Harper. Actually, it has been 45 years since Mr. Plank began his teaching career. But at first he taught in rural schools during winter, and attended school to further his education in summer. He was graduated from Kansas State College in 1918, received his master's degree in 1927.

Quite naturally, the years have brought great changes in Vocational Agricultural instruction. It was 1920 when Mr. Plank went to Winfield high school. It seemed necessary that he spend much of his time in community work with no Farm Bureau or 4-H.

He was active in the organization of the Cowley County Breeders' Association which later resolved into the County Fair Association. The organization of 4-H was begun and conducted thru the school by him. He helped organize the Cowley County Farm Bureau and assisted in getting its membership. The cow testing association was organized in his school group. In 1925, John Lowe went to Winfield to work with Mr. Plank.

Now to people in communities in and around Winfield, thoughts of Mr. Plank and Mr. Lowe are simultaneous with thoughts of the Vocational Agriculture department and the boys of the FFA.

Each year the boys work out their own program. They not only get practical experience in farming, but they acquire added knowledge thru public speaking experience, and they round out their program with an athletics schedule. The FFA is financed by the boys. They have had numerous financial projects and one of the most outstanding has been growing commercial potatoes. Over a period of 18 years, they have sold more than \$10,000 worth.

Of great satisfaction to Ira Plank and John Lowe is the survey recently conducted among the nearly 1,000 boys who have been enrolled in Vocational Agriculture. They found 69 per cent are working in agriculture, farming, or a related field. The Vocational Agriculture boys are staying with the farm. Many leaders in the community are former students. With pride, Mr. Plank and Mr. Lowe point to the local boys on the farms.

Culminating years of wishing, waiting and dreaming, Mr. Plank and Mr. Lowe move their department into a new vocations building this fall.

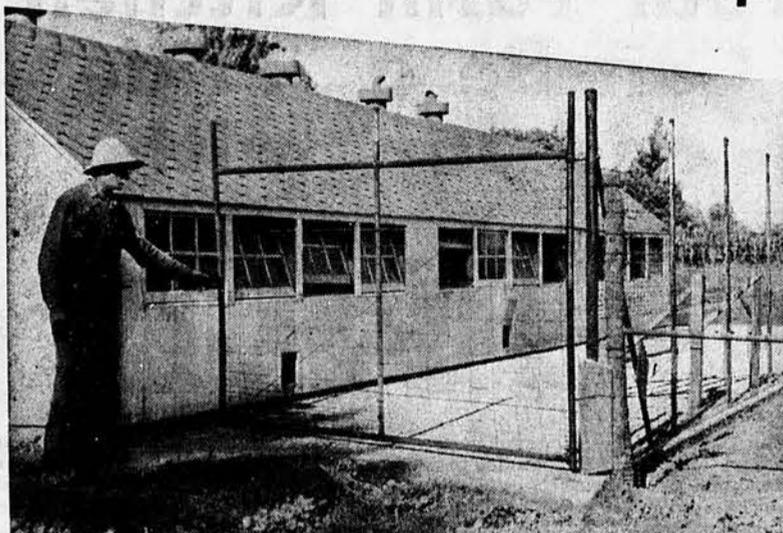
SEEK BIG SECRET OF LITTLE PLANT

Smallest and most simple of Nature's plants are algae. Yet this seemingly unimportant plant is a "big shot" in conversion or rehabilitation of soil.

Algae are plants which often have leaflike and stemlike parts, but not a true vascular system (leaves or stems). They range in size from microscopic cells to the giant kelp with broad fronds sometimes extending more than 600 feet! There are green, yellow-green, brown, red, and blue-green algae.

Scientists are studying the part algae play in soil activities. Only 38 research projects on the characteristics of algae of the world's soils have been completed. When topsoil is taken away, algae prepare the way for other plants and revegetation of the area. The tiny plants develop humus and produce a gelatinous secretion which binds the soil together.

A concrete sun porch pays . . . and repays



Concrete poultry sun porch can be used on muddy days and in winter when weather is nice. When cleaning litter from house, spreader is driven in through one gate and out through the other.

Chicks and laying hens thrive on a clean and disinfected sun porch of smooth concrete. They are safe from polluted water and contaminated ground, the common sources of disease germs and intestinal worms.

A sanitary sun porch of concrete made with Lehigh Cement is easy and inexpensive to build. It simplifies your work . . . repays you in healthier flocks, greater egg production . . . gives your chicks a better chance to reach maturity.

Your Lehigh Dealer will be glad to advise you regarding this and other concrete construction. See him next time you're in town.

See him next time you're in town.

LEHIGH PORTLAND CEMENT COMPANY
ALLENTOWN, PA. • CHICAGO, ILL. • SPOKANE, WASH.

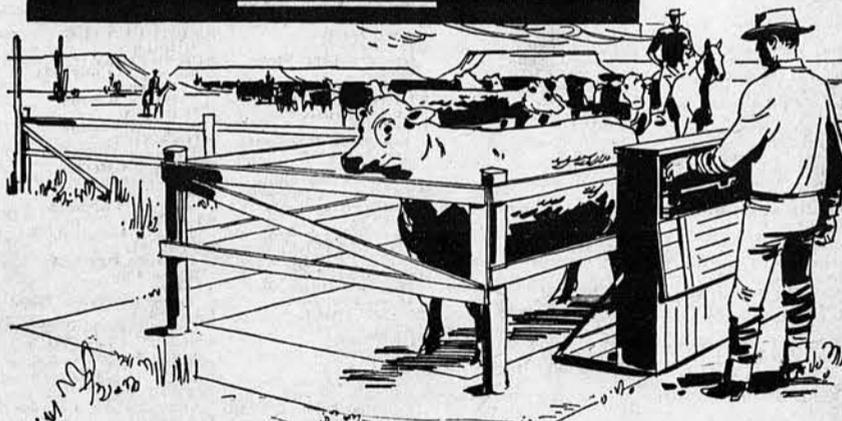


3 men and a boy can build a concrete sun porch 8' x 30' with 18 bags Lehigh Cement 1 1/2 cu. yds. sand 2 1/4 cu. yds. gravel or 3 cu. yds. of ready-mix concrete

Read the Ads in This Issue

There's a world of helpful information in the scores of advertisements in this particular issue of the Kansas Farmer. Read them carefully. If you want to find out more about the articles described, don't hesitate to write the advertiser.

Make your pasturage pay off!



Are your grasses and pasture mixtures really paying off for you in healthy, fattened cattle? One sure way to tell—check and weigh your cattle regularly on these efficient Fairbanks-Morse Livestock Scales. These scales are an easy aid in your research for

better feeding methods . . . for better blood streams through breed comparisons . . . for higher profits.

So see your local Fairbanks-Morse Scale Expert . . . and see how quickly these scales pay for themselves in better profits.



FAIRBANKS-MORSE

a name worth remembering when you want the best

SCALES • DIESEL LOCOMOTIVES • ELECTRICAL MACHINERY • PUMPS • HOME WATER SERVICE EQUIPMENT • RAIL CARS • FARM MACHINERY • MAGNETOS

Your Farm Kitchen Can Be a "Pride and Joy" with Frigidaire

Yes, the Farm homemaker can have a full-time housemaid for pennies per day when she makes maximum use of Frigidaire's economical, dependable home appliances. The Frigidaire refrigerator, electric range and home freezer (representative models shown below) teamed up with the Frigidaire Automatic Washer, dryer and ironer and the electric water heater and cabinet sinks—

all these combine to give the Farm home the freedom and convenience of city dwelling, yet keep all of the good living that characterizes life on the farm. Why not plan to make this Fall season brighter—with Frigidaire appliances that will lighten work, save money and add comfort and convenience the year 'round?



This 7.8 cu. ft. Frigidaire refrigerator is roomy and priced at only \$199.75.



The 30-inch automatic electric range with the largest home oven ever built is ideal for the farm home and priced at only \$219.75.



Here's the 9 cu. ft. Frigidaire Food Freezer (also available in 12 cu. ft. and 18 cu. ft.) which can soon pay for itself in economy. Only \$359.75.

SEE FRIGIDAIRE APPLIANCES AT ANY OF THESE QUALITY DEALERS

- | | | | |
|--|---|---|--|
| ABILENE
Shockey & Landes | EL DORADO
Home Appliances, Inc. | LAKIN
Marlow & Co. | PEARBODY
Baker Furn. Store |
| ALMA
Hansenbank & LaMar | EIKHART
Ellis Motor Service | LARNED
A. A. Doerr Merc. Co. | PHILLIPSBURG
Newell's Appl. Store |
| ALTAMONT
Holmes Hdw. Co. | ELLIS
O'Loughlin Motor Co. | LEBANON
Lebanon Electric | PITTSBURG
Rodey's |
| ANTHONY
Wood Music Co. | ELLSWORTH
Mills Furniture Store | LEHIGH
Burkholder Lbr. Co. | PLAINVILLE
Moster Bros. |
| ARGONIA
Horton Furniture Co. | EMPORIA
Little-Stephens Furn. | LENORA
Eldridge Electrical Co. | PRAIRIE VIEW
Prinson Bros. Hdw. |
| ARKANSAS CITY
Wright-Burton Hdw. | ERIE
Rogers' Hdw. & Furn. | LEON
Losh Motor Co. | PRATT
Link Electric |
| ARLINGTON
Fay's Sundries & Appl. | ESKRIDGE
Willard Sales & Serv. | LEOTTI
Western Hdw. & Sup. | PRETTY PRAIRIE
General Appliance Co. |
| ARMA
Bosnio Hdw. & Appl. | EUREKA
Burton's Furn. & Appl. Co. | LIBERAL
Hettie Appl. | QUINCY
Quinier Appl. Store |
| ASHLAND
Grimes Appliance Co. | FALL RIVER
Fall River Impl. Co. | LINCOLN
B. G. Hall | RILEY
Meyer Mercantile |
| ATTICA
K. R. Anthony Furn. | FLORENCE
Roberts Machinery Co. | LINCOLNVILLE
Burkholder Lbr. Co. | RUSSELL
Delnes Bros. |
| AUGUSTA
Coleman Gas Serv. Co. | FORT SCOTT
Harting & Maguire | LINDSBURG
Billings Refrigeration & Elec. Appl. | ST. FRANCIS
Roell's Electric |
| AXTELL
Both's Lock & Ap. Co. | FRANKFURT
Lauer Electric Shop | LITTLE RIVER
Hodson Impl. & Hdw. | ST. JOHN
Al's Electric Service |
| BAXTER SPRINGS
Milo Chew Drug Co. | FREDONIA
Hoffis Hardware Co. | LYONS
Deardorff Furniture Co. | ST. MARYS
Youngkamps Furn. |
| BELLE PLAINE
Foster Refrig. & Appl. | FULEY
Boyd Implement Co. | MACKSVILLE
Breitenbach Appl. | SALINA
Goodhousekeepers Appl. Inc. |
| BELLEVIEW
Fitch & Barth, Inc. | GARDEN CITY
Mayo's | MADISON
Marlow Furn. & Appl. | SATANTA
Decker's |
| BELoit
Hiserote & Weir Appl. | GLANCO
E. W. Cramer Hdw. | MANHATTAN
Kapp Furniture Co. | SCANDIA
Schubert Lumber Co. |
| BENNINGTON
Powell Service | GOOBLAND
D & G Electric Co. | MANKATO
Beam Motor Co. | SCOTT CITY
Bryans, Inc. |
| BENTON
Moats Bros. | GREAT BEND
Mathers-Jaeeger Appl. Company | MARION
Marlow Furn. & Appl. | SEDAN
Ding Bell Chevrolet |
| BLUE RAPIDS
Brake's Furn. Store | GREENLEAF
Hogan & Sons | MARYSVILLE
Fred Burris | SEABORN SPRINGS
C. E. Koons & Son |
| BUCKLIN
Day Hardware Co. | GREENSBURG
Carp Home & Auto | MCPHERSON
Green's Appl. Store | HAWES
Smith Center |
| BUHLER
Kim, Elliott & Gard | HALSTEAD
Mantele's Dept. Store | MEADE
Worman Elec. | SMITH CENTER
Gripton's |
| BURDEN
Lewis Chevrolet Co. | HANOVER
Leutloff Appl. & Elec. Co. | MEDICINE LODGE
Dickey Appl. Co. | SPEARVILLE
Heakamp Chev. Co. |
| BUENS
Lyons Supply Co. | HARPER
Hays Hamilton | MENTOR
Johnson's Hardware and Elevator | STAFFORD
Fennell & Solce |
| BUSHTON
Siemer's Service | HAYS
Hays Music Co. | MILTONVALE
Hornor Hardware | STERLING
K-T Oil Station |
| CALDWELL
Terwilliger Hardware | HERINGTON
Fred Lee & Sons | MINNEAPOLIS
Hornor Hardware | STOCKTON
Quezner Appl. Co. |
| CANEY
Pendleton Chev. Co. | HILL CITY
Quenzer Appl. & Hdw. | MOLINE
Boyer Gift & Appl. Co. | SYLVAN GROVE
Western Lumber & Saw |
| CAWKER CITY
Riley-Rhodes Ap. Co. | HILLSBORO
John Hebert | MORGANVILLE
Western Hdw. & Motor Co. | SYRACUSE
Stewart Furniture |
| CEDAR VALE
Williams Motor Co. | HOISINGTON
Geiman Appl. Co. | MOUNDVILLE
Krebsel Hdw. & Impl. Co., Inc. | TIMKEN
Timken Lumber Co. |
| CHANUTE
Naff & Bolze Hdw. | HOLYWOOD
Westmacott Hdw. Co. | MOUNT HOPE
Johnsmeier's | TRIBUNE
Western Hdw. & Motor Co. |
| CHAPMAN
Sanborn Lumber Co. | HOPE
Wuthnow Furn. Co. | MULVANE
The Electric Store | TURON
Turon Electrical Sup. |
| CHENEY
Cheney Farm Store | HOWARD
Vreth Munsinger | NASHVILLE
Stewart Motor Co. | ULYSSES
Ulysses Hardware |
| CHEERYVALE
Clark's Maytag Co. | HONOLY
H & K Appliance | NATOMA
Pohlman's Home Furn. | VALLEY CENTER
Central Supply |
| CHEYOPA
Blankenship Hardware | HUTCHINSON
Graber Furniture Co. | NEODESHA
Kimball Electric Shop | WAKEFELD
Clark Supply Co. |
| CLAFIN
J. W. Miller & Co. | INDEPENDENCE
Soll-Orr, Inc. | NEOBERN
Schroyer's, Inc. | WAKEFIELD
Sanborn Lbr. Co., Inc. |
| CLAY CENTER
Marshall's, Inc. | IOA
Schell's Appl. Store | NEWTON
The Appliance Mart | WAMEGO
J. E. Stewart & Sons |
| CLIFTON
Beckto-Eastlinger | JETMORE
Lindas Hardware, Inc. | NEWTON
Newton Appl. Center | WASHINGTON
Grimm Hardware |
| CLYDE
A. Selfert Jewelry | JEWELL
Jewell Lumber Co. | NORWICH
H. S. Eshaur & Sons | WATERVILLE
Hensley Hdw. & Furn. |
| COFFEYVILLE
Kingbury Furn. Co. | JOHNSON
Stewart Furniture Co. | OAKLEY
C. D. Clark & Sons, Inc. | WELLINGTON
Nichols Electric Co. |
| COLEBY
Mackay Appliance Co. | JUNCTION CITY
Waters Appl. Store | OBERSHAW
Anderson & Son Hdw. & Impl. | WESTMORLAND
Smith Cash Hdw. |
| COLDWATER
Bural Gas & Elec. Co., Inc. | KENSINGTON
Simmons-Oliff | ONAGA
Tessendorf Furn. Co. | WICHITA
The Appl. Center, Inc. |
| COLUMBUS
Brown Refrigeration Service | KINGMAN
Kingsman Radio Shop | OSBORNE
Quenzer Appl. Co. | 138 North Broadway
1914 West Douglas
121 East 21st |
| CONCORDIA
Culbertson Elec. Co. | KINSLEY
Maytag Appliance Co. | OSWEGO
Williamson Stores, Inc. | Innes
Vowel Furniture Co.
Whitcomb Appl. Co. |
| COTTONWOOD FALLS
Hamm Electric Co. | KIOWA
Fisher-Wood Hdw. | OXFORD
Abildgaard Hdw. Co. | WILMORE
Bowersock Mills & Power Co. |
| COUNCIL GROVE
Ramsey & White | LA CROSSE
Lelker's Bonus Store | PARSONS
Ellis Radio & Appl. Co. | WILSON
Weber Hardware |
| DIGHTON
Mull Electric Service | | | WINFIELD
Winfield Electric Co. |
| DOBGE CITY
Newkirk's | | | YATES CENTER
J. C. Schnell |

Wheat Champions Won Top Place With Good Farming and Adapted Seed



COMPARISON of fertilized and unfertilized wheat is shown in this picture of A. J. Deets and Sons. Max is on the left and Leonard on right.

A. J. DEETS and sons, Leonard and Max, Wellington, recently named champions in the top-producing, only 10-million-bushel, wheat county in Kansas this year, are using best cultural practices and adapted varieties, according to HoBart Frederick, Extension agent in Sumner county.

Altho Leonard lives 10 miles from the home place and Max has land near his parents, the 3 do their wheat farming as a unit. They jointly own machinery and equipment, and harvest crops together. Their 270 acres of wheat averaged 35 bushels an acre.

It is not on yield, but on milling and baking qualities, the Wellington Chamber of Commerce-sponsored wheat festival champion is named. The Deets were champions in 1951, too. Runners-up in the wheat sample contest this year were Max Kolarik, Caldwell, Ponca wheat, second; Karl Bates, Clearwater, Early Triumph, third; and Elda White and Son, Wellington, Comanche, fourth. The Deets entry was Early Triumph.

One of Best Wheats

Wichita wheat, a variety grown extensively by the family this year, is regarded by Mr. Deets as "one of the greatest wheats we've ever tried to grow." It is one of the 3 varieties produced at Kansas State College which were grown on 71 per cent of the wheat acreage that produced the record 308,676,000-bushel Kansas crop this year.

Early plowing after harvest is a cultural practice the Deets practice consistently. This year they were thru plowing their wheat stubble on July 2. Sometimes they disk and plow later.

As a demonstration in co-operation with L. M. Knight, then county agent, Mr. Deets several years ago plowed one third of a field in July, a third in August, and a third in September. The next year's crop convinced him early plowing pays and that it greatly improves the chance of getting a good crop.

Safety Play

"The Strong Soul," a play, was written in the interest of farm safety. It has parts for 6 characters, 3 male and 3 female, and takes about 20 minutes to present. The stage setting is simple. Seven copies of the play if needed for all characters may be obtained from the Entertainment Editor, *Kansas Farmer*, Topeka. Price 10c for 7 copies, or 4c for 1 copy.

"Disking and plowing kills all vegetation and builds up plant food and soil moisture," Deets said. "Clean cultivation keeps down vegetation until planting time. We credit our little damage from Hessian fly at least partially to clean cultivation. We seed our crops around the first of October."

The Deets have gone much more extensively into soil testing as a basis for fertilizer needs. Frederick ran soils tests for them, and the fertilized land

A Housewarming Party

This leaflet is suitable for a group to use in planning a housewarming for a friend or neighbor. The chairmen of games and gift committees should work together in planning the party as the prizes for the 5 games should be gifts for each room for the guests of honor. Send 3c to Entertainment Editor, *Kansas Farmer*, Topeka, and ask for the Housewarming Party leaflet.

produced about twice the yield of unfertilized land in 1951.

Last year they used 3 fertilizers (largely because they could not get enough of one kind): 8-32-0; 16-20-0; and 13-39-0. It was applied at about seeding time, 70 to 75 pounds an acre. Lime is applied before the Deets plant legumes.

Will Top-dress in Spring

"I'm planning to top-dress my wheat with nitrate next spring," Max said. "Soil tests show this would have increased our yield 8 bushels an acre this year. The tests show also that nitrate is as limiting a factor here as phosphate."

The Deets farm plan includes growing as much of their own fertilizer as possible. They planted 35 acres of sweet clover last spring and have 50 acres of alfalfa. Manure from cattle and sheep provide additional fertilizer. Soil tests on a 5-acre patch near the feed lot showed soil condition was almost perfect as the result of manuring.

All wheat seed is cleaned and treated before it is planted on Deets land. This keeps down smut and improves germination, they have found. Their rate of seeding is about one bushel an acre.

Both sons are Kansas State College graduates, Leonard in 1942 and Max in 1951. With their father they are now operating 750 acres, 230 acres in native pasture.

Be Ready for the First Freeze! Install Your **Automatic-Electric Stock Waterer Now**



**Year Round Fresh, Clean Water
at Just the Right Temperature--**

*the answer to
greater livestock
production*



© REDDY KILOWATT
Your Electric Servant

Yes, the automatic-electric waterer has solved winter's biggest problem. No longer will you have to chop ice from a tank. There's no fuel tank to fill—no fire to stoke . . . simply set the thermostat at the right temperature and forget about it. The flow of fresh, clean water is regulated and Reddy Kilowatt keeps it at the just-right temperature.

The automatic stock watering unit can be used

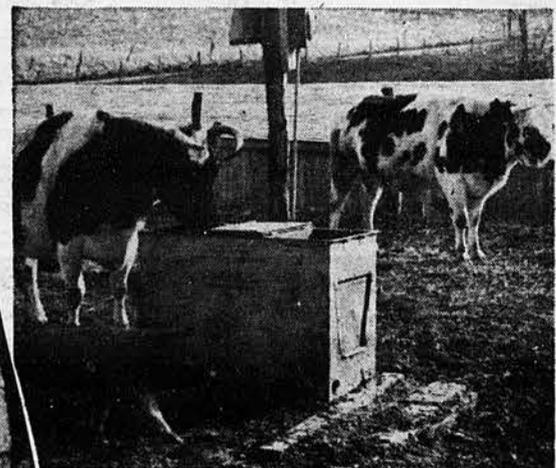
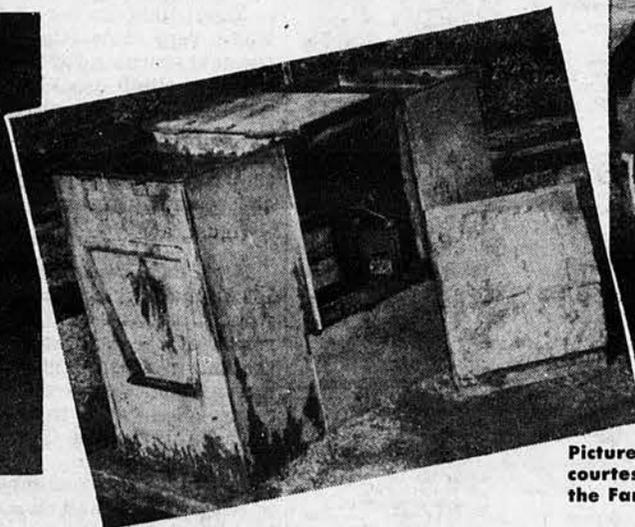
effectively during summer months, too. Cattle and hogs get cool, fresh, clean water either directly from the well if an electric pressure system is used, or by gravity from a simple source of supply.

For full information on an automatic-electric stock watering unit, consult your nearest farm supply dealer or one of our representatives.

"ONLY ELECTRICITY PUTS WATER TO WORK AUTOMATICALLY"

(Below) Always fresh water in the poultry house summer or winter. (Center Below) Installed on a concrete platform the electric-

automatic stock waterer is simple to install and use. (Below at right) Cattle and hogs drink more water—gain more weight.



Picture above at right, courtesy "Electricity on the Farm."

ELECTRIC LIGHT AND POWER COMPANIES IN KANSAS

Central Kansas Power Company

Western Light & Telephone Company

The Kansas Power and Light Company

Kansas Gas and Electric Company

Kansas City Power & Light Company





Why use 2
when ONE
will do?

use **SUNSET**... the 2-for-1 Fertilizer!

You gain 3 ways! You save 3 ways when you use Sunset High Analysis Fertilizers! First — you save money because one sack of Sunset's 10-20-10 has the same ratio and contains twice the plant food as does a sack of low analysis 5-10-5. Second — you save on

handling and transportation, because you don't need as many sacks. Third — you save on storage!

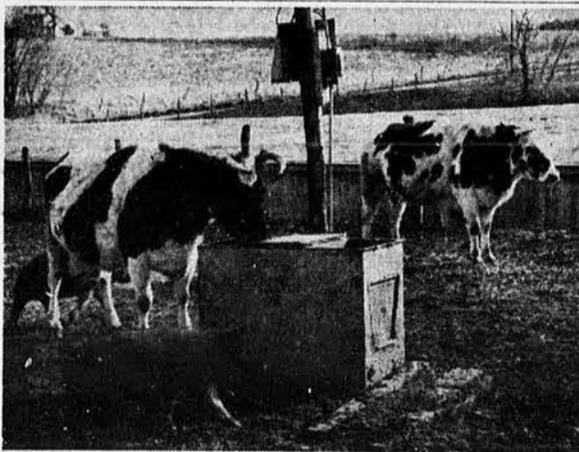
Yes, you save 3 ways and get twice the results with every sack of Sunset Fertilizers! See your dealer today!

SUNSET — double-strength, high analysis fertilizers give you 2-for-1 results!

8-24-8 15-15-0
10-20-10 4-16-16
10-20-0 and also 0-20-0



CRAWFORD CHEMICAL CO.
BARTLESVILLE, OKLA.



BE READY FOR THE FIRST FREEZE!

Install a Ritchie Automatic-Electric Stock Waterer and Forget Winter Worries

(Important—Read Advertisement on Preceding Page)



It's here at last—the last word in Automatic-Electric stock waterers—the Ritchie. No more winter worries. No fires to stoke or ice to chop. Ample water for 80 cattle and 150 hogs from the same installation. Electric heating unit keeps water at required temperature.

And you have clean fresh water in the summer, too—all from the same installation.

Your dealer has descriptive literature and perhaps an installation on hand. He's a good man to know. If there is no dealer near you, write us a postcard.

Ritchie Manufacturing Co., Conrad, Iowa

SEE YOUR NEAREST DEALER TODAY

- | | | | |
|---|---|---|--|
| AGRA
Rumbaugh's Appliance | EMPHORIA
Farmers Supply Co. | LENORA
Roy E. Goodrich | PHILLIPSBURG
Vogel Implement Co. |
| ATWOOD
Atwood Implement Co. | EUREKA
Cassin Electric | LEONA
Streib & Son | PLAINVILLE
Moser Brothers |
| BIRD CITY
Bird City Merc. | FLORENCE
Florence Impl. Co. | LINCOLN
Chard Motor Co. | REXFORD
Stepper Hardware & Implement |
| BLUE RAPIDS
Farmers Co-op | GLASCO
Cramer Hardware | LOGAN
Thomas Hardware | RICHMOND
Farm Co-op Merc. Co. |
| BREWSTER
Farmers Co-op Hdwe. | GLEN ELDER
Dean Hdwe. & Appl. | LUCAS
Leach & Naegele | RILEY
Harz Hardware |
| BURLINGAME
Burlingame Hdwe | GOODLAND
Goodland Farm | MADISON
McIlwain Impl. Co. | ROSSVILLE
Rossville Farm Store |
| BURLINGTON
A. B. Caldwell Impl. Co. | GREAT BEND
Gibson Titus & Stafford | MANHATTAN
Hugo & Larkin | SABETHA
Gilbert & Lortscher |
| BURTON
Harris Lumber Co. | HAYS
Branis Machine Shop | MANKATO
Jewel City Impl. Co. | ST. FRANCIS
St. Francis Merc. |
| CALVERT
Calvert Impl. Co. | HILL CITY
Pratt Implement Co. | MARYSVILLE
L & B Electric Co. | SCANDIA
Equity Exch. |
| CAWKER CITY
Cawker City Equip. | HOLTON
Farmers Union | MINNEAPOLIS
Bruch Brothers | SENECA
Scandia Hardware |
| CHAPMAN
Sanborn Lumber Co. | HOKIE
H & K Appl. Co. | MCDONALD
McDonald Hardware | SMITH CENTER
Peterson Impl. Co. |
| CLAY CENTER
W. W. Smith & Son | HUTCHINSON
Mayberry's | NORFTON
Vocura & Son | STOCKTON
Forrest Von Horn |
| COLBY
Gunnels Tractor Co. | INDEPENDENCE
Fraziers Farm Center | NORWAY
H & B Hardware | STRONG CITY
Farm & Home Store |
| CONCORDIA
Farmers Union Coop. | JUNCTION CITY
Junction City Co-op Oil | OSBORN
Louis Zimmerman | TESCOTT
Tescott Lumber Co. |
| COUNCIL GROVE
Rumsey & White Hdwe. | KANORADO
W. E. Winn Co. | OSBORNE
Zimmerman | TOPEKA
Stiles Electric Service |
| DENTON
Winchester Hdwe. | LANCASTER
Snowden Lumber Co. | OVERBROOK
Schwanke Hdwe. Co. | TROY
Tyler Hdwe. Co. |
| DOWNS
C & B Electric | LAWRENCE
Jones Farm Sup. Co. | PARADISE
John T. Horrell | WICHITA
Tyler Co-op Co. |
| EL DORADO
Home Grain Co. | LEBO
Lebo Hdwe. & Supply | PEABODY
Peabody Hardware & Lumber Co. | WOODSTON
Pauley Garage |
| | | | ZURICH
McClellan Impl. Co. |

DANIEL GOES TO GREECE

Saw terracing projects, looked over pasture test plots, spent 2 days with shepherds in the mountains, talked to local 4-H Clubs

Remember, Kansas Farmer promised to bring you letters from 2 of our Kansas 4-H'ers who are spending some time on farms overseas this summer. Here is the fifth one from Daniel Petracek, of Oberlin, who has gone to Greece.



Daniel Petracek

DEAR MR. GILKESON: (August 20, 1952, Trikkala, Thessaly, Greece.) Two more weeks have passed, and I find myself writing to you again. It hardly seems possible the time should be passing so quickly, but I have been very busy lately moving from one place to another, and have hardly had time to notice it.

At present I am in the village of Trikkala, a city of about 25,000 people. I will remain in this area only a week, then will move to the Karditsea area. I will be there until September 1. At that time I will move to Katerini.

Our stay in Greece is now half over, and I have found every moment of it very interesting and pleasant. I have been moving about a great deal and I haven't had a chance to really get to know one area or any families very well. However, it has given me a good cross-section of all areas and all people so I feel fairly well acquainted with the country.

Visited Several Villages

I spent my last week in the Larissa area in many different ways. Two days were spent with Lee Landerman, soils and fertility specialist with the American Mission here in Greece. I was able to travel with him to the different villages and see the kind of work they have been carrying on the last 2 years. We saw many terracing projects and pasture improvement test plots. It gave me a much better idea of what American Aid is doing for Greece.

This Thessaly plains area contains some of the best soil in Greece, but many of the means farmers have of farming it are still very primitive. They have never been taught any soil conservation or land-use practices, so they still make very poor use of their land—among many other things such as farming up and down the slopes, burning of crop residue.

The next 3 days were spent with a fairly wealthy family near Larissa. This farmer owned 2,500 sheep he had summer grazing on the slopes of Mt. Olympus. I was very interested in going up to see them, so Steve, their 21-year-old boy, and I went up and spent 2 days there with the shepherds. We went as far up the mountain as one could go by jeep, and then we went on foot for 3 hours before we reached the camp. We went on and climbed to the top of one of the smaller peaks which is an altitude of about 1,800 meters. It was a very interesting experience but the next morning I swore I would never want to climb another mountain. We were able to see the shepherds milk the sheep, which was something new to me. As there are very few cows in Greece, they milk the sheep and make all their cheese and butter from their milk.

Fair Surprised Me

Next day I was able to attend the 1st Annual Agricultural Fair and truthfully, it surprised me. All of this is the result of the Extension service work that has been established here in Greece under American direction. They have come a long way in the last 2 years towards improving Greek agriculture, as this fair showed.

Really the fair reminded me so much of some of the small ones we have back home I almost felt homesick for a minute. The boys and girls of the surrounding communities were all dressed up in a sort of a 4-H costume, and many of them had projects on exhibit. The fair ended up with a big parade. The only thing I noticed missing was the Midway, and I didn't mind that.

The agricultural youth clubs are rela-

tively new here in Greece. They started under the Extension service only about 2 years ago, so are still in the process of organization. They have been modeled after 4-H Clubs of America. I have been able to meet with several of these clubs and talk with them, but they have many problems to face. This sort of club is absolutely new and strange to the people, and contrary to their old customs, so it has been difficult in some areas to get the co-operation of the fathers.

However, the agriculture of this country is undergoing great changes in all respects from the primitive methods that have been used for centuries, to the new farming methods of today. It is hard to convince the old farmers they must change. It is the young fellows who grasp these ideas quickly and put them to use. This is only more indication of the worth of such a program.

A Very Bad Effect

Class distinction is still very great in Greece, and at one time it was much worse. The poor farmer or peasant has always been considered in the lowest class, and anyone with any wealth or education is in a class above them. This very thing is one factor that has retarded greatly the progress of their country. Anyone in an upper class has never tried to do anything for the farmer, because as long as he is uneducated and poor they can be dominated. Even the agriculturalists themselves have done very little to help him. They are in an educated class and do not associate with the farmers except when necessary. They would seldom go out and actually help the farmer and show him how to farm better, so, not knowing any other way, most of them still use the primitive methods of their ancestors.

Make Good Progress

The Extension Service was entirely unknown until the American Aid and Specialists came under the Marshall Plan, and set this up under their supervision. Since then, it is surprising how much progress has been made towards better agriculture. The village people learn quickly once they have been shown, but they had never had a chance before.

On Friday, August 15, I flew from the Larissa area, where I had been living 2 weeks, to Jannina. There I met with the other 2 fellows and Mr. Hudson of the Embassy for a 2-day conference. We discussed the things we have seen and done during the past month, and made future plans and revisions to our program. It was very interesting to get together and swap ideas and experiences. We separated Monday to different regions again, and we will not be together until we meet in Athens prior to our departure home.

—Daniel Petracek.

JACK GOES TO NORWAY

Farmers sell at stands in town, raspberries and gooseberries are huge, I bake a banana cream pie

Remember, Kansas Farmer promised to bring you letters from our two 4-H'ers who are spending some time on farms overseas this summer. Here is the fifth one from Jack Grier, of Pratt, who has gone to Norway.



Jack Grier

DEAR MR. GILKESON: (August 22, 1952.) I am now settled on my second farm in Norway which is located in North Trondelag, 1 1/2 degrees latitude below the Arctic Circle. My host, Reinert Stuberg, is a gardener and also 4-H leader in North Trondelag. Nearest town is Steinkjar, population 3,000, which was completely destroyed by German bombing when Germany invaded Norway. It has been rebuilt and is now a fine city.

Mr. and Mrs. Stuberg have a 2-year-old son. A 17-year-old boy also lives here whom Reinert hires during summer to help with garden work. The family speaks very little English, but that is not the important thing because a hearty handshake and a warm smile can build friendship. The farm is located near one of the branches of the Trondheim Fjord so it is almost as beautiful a location as my last farm. The land here is rolling to hilly. Not nearly as mountainous as it was at my last farm in Hallingdahl.

The day after I arrived here, Reinert used his brother's car to take some tomatoes and gooseberries to Steinkjar which he sold at an open market. Many farmers and gardeners bring in various vegetables, fruits and flowers and set up stands in a certain part of town to sell their goods. Before we returned home Reinert showed me the city hall which is not entirely finished. It has many accommodations including a theater and an indoor swimming pool.

Climate Is Damp and Cold

Most of the time since I arrived here has been spent picking red raspberries and gooseberries. Raspberry bushes are from 5 to 7 feet tall and produce berries as large as our strawberries in Kansas. Gooseberries grow on short bushes which are just loaded with berries and thorns. Gooseberries are about the size of sand plums in Southern Kansas. Tomatoes are grown in a greenhouse because it is too cold for them to grow out in the open. The climate here is very damp and cold. It rains practically every day, and many times the temperature has been between 45 and 55 degrees F., thruout the whole day. Whenever the sun shines it warms up some, but still nothing as warm as it would be in Kansas.

One day I visited a family near here who had farmed in North Dakota for 20 years. They said the temperature here never got above 70 in summer or below 0 in winter. The man had gone to America when he was 20 years old and returned here a few years ago. The woman of the house had a home and kitchen equipped like any farm home in America.

Visited an Agricultural School

One afternoon we went by car with 300 pounds of raspberries which were to be shipped to Trondheim to a jam factory. After leaving them at the railroad station in Steinkjar we went downtown where we met Arne Askilt, chief 4-H consultant of Norway. Reinert and I went with him in his car to the Finsas Agricultural School at which was to be held North Trondelag's annual 4-H camp. It was so cold at the camp I donned a pair of long-handled underwear as a last resort to keep warm.

The agricultural school is attended by 60 young men who work part time at the school farm to help pay their tuition. It costs them \$12 per month for schooling, board and room, plus books. I think the course is much like a shortened 2-year course in agriculture at Kansas State.

The 4-H youths arrived next day, bringing with them their tents and bed-

ding. The 160 4-H members who attended the camp had a tent city not far from the school at which the 4-H functions were held. Second day of the camp 4-H'ers competed in various contests ranging from a track meet to identification of weeds and cereal grains. The following day awards were made to winners in the various contests.

Shows Kansas Scenes

One evening I showed them some kodachrome slides I brought with me from Kansas. A couple of things that amazed them most were the spacious, flat fields of golden wheat and the enormous size of our grain elevators in Kansas. For the last few days I've been picking raspberries and gooseberries alongside 10 4-H youths Reinert has hired so he may get the berries in before the birds eat them.

One evening I went with Brynulf, the 17-year-old boy who works for Reinert, to a softball field near here. Once a week the boys in this community get together and choose up sides and play European football (soccer). It was my first experience at playing the game but I soon learned and before the evening was over I was enjoying it as much as anyone. Incidentally, the side I was on won 6-2. I'm sure I had nothing to do with it, tho.

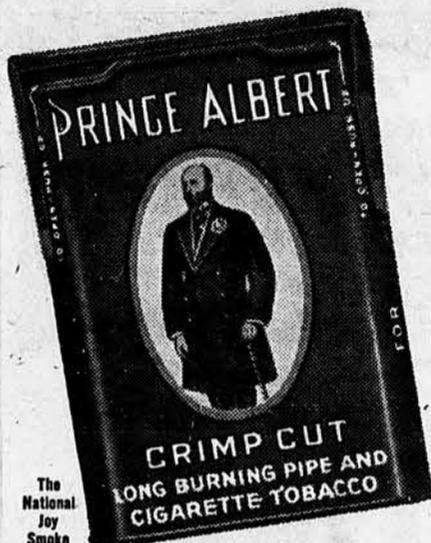
Recently the Stuberg family and I traveled on Reinert's garden tractor and 2-wheeled cart to a church near here which is about 800 years old. It was built during Lief Erikson's time. While Mrs. Stuberg and I visited the church-Reinert went on to a country rail station where he had some freight. He came back with a 20-pound package of bananas which were grown in Spain.

It Was Quite a Job

I was explaining to them the different ways we prepare banana dishes in America and Mrs. Stuberg asked me if I could make a banana pie. I told her I didn't know but I would try. After using strange ingredients, measurements of litres and grams, a recipe book acquired in Washington, D. C., and a lot of guesswork, I ended up with a banana cream pie. The crust was a little tough but they thought it was delicious. Reinert said it would suit him fine if I would spend the rest of my stay here baking pies. I guess they haven't ever seen or heard of our American dish "pie."

Every day except Sunday immediately after lunch I go by bicycle to a post office about 2 miles from here and return with mail which is for the people in the near vicinity. They expect a rural mail delivery route to be put into operation for this section of the country any day now. Morna (so long) for now and if my pies don't make me sick you'll hear from me again soon.

—Jack Grier.



Bite's Out

Pleasures In

MORE TOBACCO IN EVERY TIN!

Prince Albert's patented "No-Bite" process means real pipe-smoking pleasure from the very first puff.

*Process patented July 30, 1907
R. J. Reynolds Tobacco Co.
Winston-Salem, N. C.

NO OTHER TOBACCO
GIVES ME AS MUCH
ENJOYMENT AS I GET
WITH EVERY PUFF
OF MILD, TASTY,
PRINCE ALBERT!

"Hank" Snow

"HANK" SNOW
Popular ballad singer
and star
of "Grand Ole Opry"



MORE AND MORE PIPE SMOKERS are enjoying the cool smoking comfort of P.A. That's because Prince Albert is specially treated to insure against tongue bite!

P.A.'s choice tobacco smokes mild and tasty right down to the last puff. Small wonder it's a favorite of pipe smokers and roll-your-owners, too!

TUNE IN "GRAND OLE OPRY", SATURDAY NIGHTS ON NBC

MORE MEN SMOKE

Prince Albert

THAN ANY OTHER TOBACCO

QUIET, EASY RUNNING, SELF REGULATING
CURRIE WINDMILL
AS LOW AS \$37.00

Better mill—lower cost, in famous Currie, dependable for 60 years. Guaranteed for 5 Years! Self oiling or open geared, direct center lift, automatic speed control, internal brake. More efficient vane and sail design; responds to slightest breeze. DIRECT FACTORY PRICES SAVE UP TO 50%. PROMPT SHIPMENT, FREE LITERATURE. WRITE TODAY.
CURRIE WINDMILL, DEPT. C-152 SALINA, KANS. DIRECT TO YOU

AVOID SEPTIC TANK TROUBLES

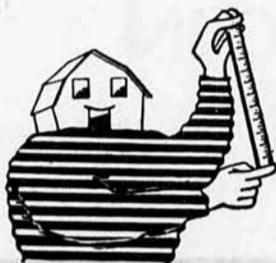
d-CON
Rid-X

Prevent Clogging, Back-ups, Offensive Odors in Septic Tanks, Cesspools, Outdoor Toilets. One Treatment lasts months. Guaranteed. Only \$1.99 at Hardware, Drug, and Feed Stores.
d-Con Co., Inc., Chicago 11, Ill.



"SAVES YOU MONEY ON FRAMEWORK MATERIALS!"

Because STRONGBARN is a high-strength steel, you can space rafters and studding farther apart when building. Faster, too—saves time and labor.



"FITS TIGHTER... WITHSTANDS WIND, HAIL, SLEET AND SNOW!"

STRONGBARN won't tear around nailheads under punishing wind and weather. It lasts longer!



"KEEPS CROPS DRY— CUTS STORAGE WASTE!"

If properly applied, STRONGBARN will provide years of dry, safe storage for your hay and grain.



"Free booklet helps you estimate and build with STRONGBARN, gives you complete details on figuring quantities, building instructions. Write for it, today!"

Patented **STRONGBARN**
GALVANIZED STEEL
ROOFING AND SIDING



Manufactured by
GRANITE CITY STEEL COMPANY • GRANITE CITY, ILLINOIS



Dwight Hull SAYS...

Kansas Has as Many Advantages for Dairy Farmer as Any State

WE WERE A LITTLE IRRITATED the other day, while sitting in a meeting with a group of farmers, to hear an economist say milk could be produced cheaper in Minnesota or Wisconsin than in Kansas, and this fact would have a tendency to hold price of milk down in Kansas. We are aware of the fact there has been some milk shipped to Kansas from these northern states. However, this was due to a shortage of milk in Kansas; not to fact it was cheaper.

The facts are northern milk cost the processing plants more, after transportation was paid, than they were paying for local milk. We realize farmers in the northern states as a general rule do not receive as much for their milk as Kansas dairymen do, which has nothing to do with the cost of production.

We are of the opinion Kansas has as many advantages for the dairy farmer as any other state, and that cost of production is not determined by any good fortune one state may have over another state. And that no state or group of states has a monopoly on climate or soil that would give them an advantage in the cost of producing milk.

We Visited Three States

We spent some time in Wisconsin, Minnesota and Michigan several years ago buying dairy cattle from dairy farmers and therefore have had some opportunity to learn first-hand some of the secrets of their success. These are great dairy states and they do a wonderful job with the dairy cow, but their efficiency is not due to soil or climate or location. Their location had a lot to do with the fact dairying has been their major enterprise. Their efficiency is due to the fact they have grown up with the dairy cow, and being progressive farmers have accomplished a great deal in feeding, breeding and managing the dairy cow all of which results in lower cost of milk production.

If we were to compare actual physical advantages of Kansas and the northern dairy states we believe it would come out in favor of Kansas.

Kansas has more open winters with longer pasture season and much less problem of housing both cattle and roughage feed. Main advantage they have over us is dairy "know-how." This is considering them as a group and not individually, as we have many Kansas dairymen with the "know-how" who are producing milk as efficiently as any dairymen anywhere.

Dairy "know-how" is something, in our opinion, that cannot be learned or obtained in a short time but as a general rule requires the greater part of a lifetime or perhaps a generation or two. This is because there are so many problems connected with efficient dairying that require day-to-day, observation and intelligent study.

Turnover Is Heavy

That these problems are real is indicated by the large turnover in the dairy field. Many farmers start dairying and operate a few years, then change to something else. Or some farmers milk cows nearly all their lives but their sons are not interested enough to carry on. This is probably because they have not faced their problems as a challenge and such things as disease, low production, no breeding program, inefficient management have in reality caused them to work for the cow rather than having the cow work for them.

Yes, Kansas is a good dairy state and her dairymen are becoming more efficient. This is shown by the fact there are fewer dairy cows on Kansas farms than there have been since 1899, yet total production is largest on record. Total value of milk to Kansas farmers is well over 81 million dollars a year. The future for dairying in Kansas looks bright with whole milk selling as high as anywhere in the United States, and with the demand and consumption steadily increasing.

In the next issue of Kansas Farmer we plan to tell you about a visit we recently made to the western part of the state where irrigation by pumping water from wells is a practical farm practice and is growing in popularity.

GRANDMA By Charles Kuhn



KANSAS STATE UNIVERSITY LIBRARY

PURINA

CHECKERBOARD NEWS

"We can get more from what we have"

—Elmer B. Powell,
Former Director Purina Research Dept.

EACH YEAR 10,000 to 15,000 persons visit the Purina Research Farm at Gray Summit, Mo. After visitors have seen the Farm they have heard Elmer Powell sum up work done there since its beginning in 1926. Key points of Powell's talk are quoted below.

"An agricultural revolution going on for many years has finally brought about many farm changes. Cash income from the average farm is now 9 or 10 times what it used to be, but operating costs are 14 to 15 times greater. If we do a *good* job we can pay for a farm faster than ever before—but a poor farmer can lose his place faster, too.

"In spite of high cost of power machinery, mechanical aids are far more general in use than are best practices in feeding and management.

"The Research Farm is not a fancy farm. We use equipment any farmer could have. What we do here, any farmer can do on his own place—if he will.

"I believe in good breeding, but in 95% of the cases today it's not breeding that holds back production; it's feeding and management. We are not getting out of our poultry and livestock what's bred into them. We can't afford to feed 12 bushels of corn to make 100 lbs. of pork. We can't afford to wait 8 or 9 months to get our hogs to market weight. Yet most farmers do!

"The average hogman breeds 12 sows, but only 11 have pigs. Out of 100 pigs farrowed he weans only 65, and markets only 56. That is about 11 pigs marketed per sow kept for the year.

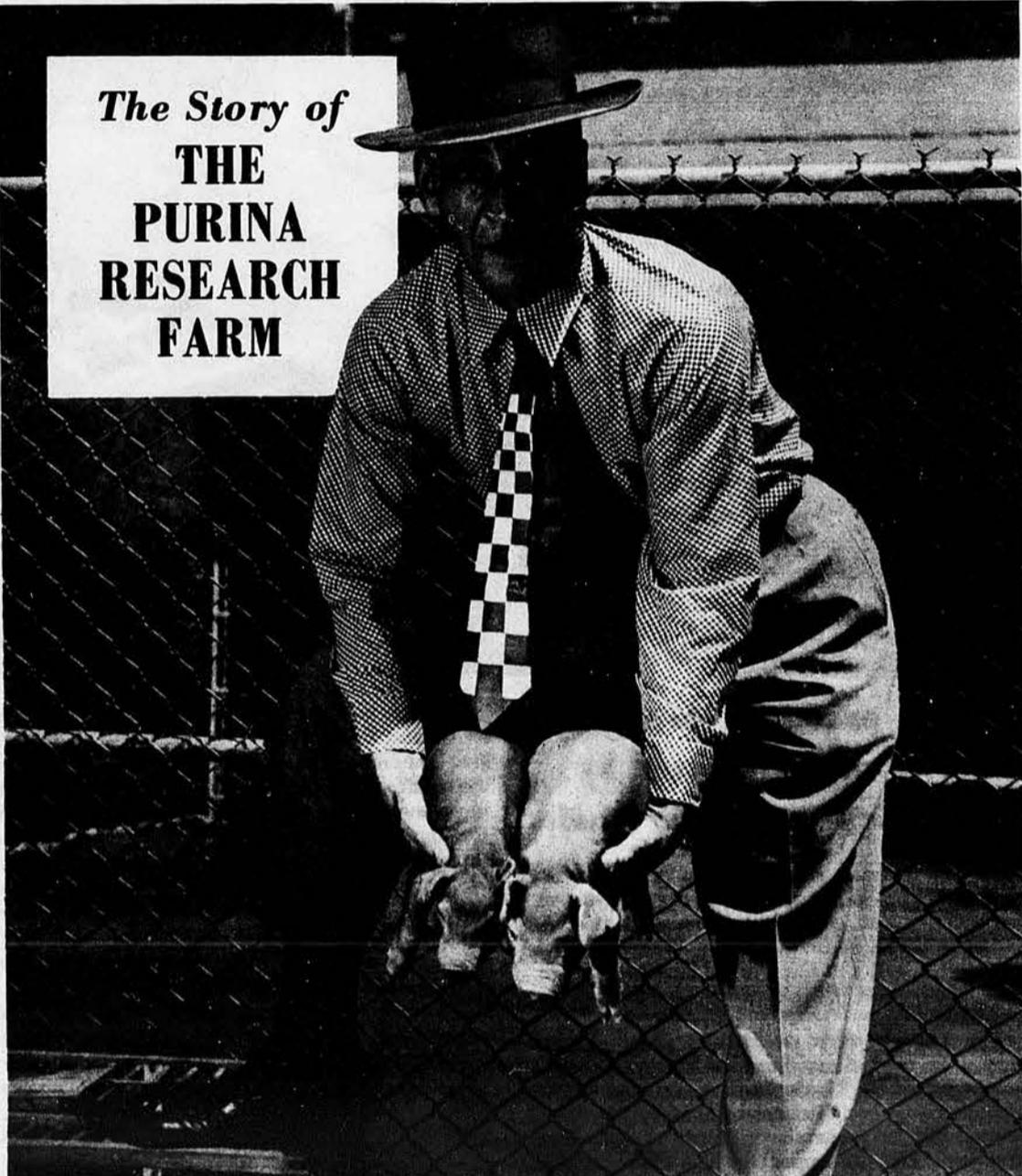
"With good feeding and management, a hogman has a right to expect to market 17 or 18 pigs per sow. They should weigh 200-225 lbs. when 5½ months old.

"Through the years we've run all sorts of tests that prove the way a sow is fed has a lot to do with the number and vigor of pigs farrowed. We've run these tests on razorback sows of mighty sorry breeding, and we've run them on good purebred sows—and good feeding and management always make a big difference in results.

"Our grade Holstein herd averaged 6,800 lbs. of milk with 238 lbs. of butterfat when we started with it 23 years ago. Since then we've never purchased a female or a proven sire. Herd average for 1951 was 14,321.8 lbs. of milk with over 530 lbs. of fat. In the past 23 years this herd has increased in production 15 times faster than the average herd.

"Nationally, average calf losses run about 25%, but throughout our 23 years of experi-

The Story of THE PURINA RESEARCH FARM



These litter mates are only 8 days old, but are on two different pig starting rations. The pig on the right weighed 8.3 lbs., the other one only 5.1 lbs. Feed made the difference.

ence our calf losses have averaged less than 3%.

"With a good feeding and management program heifers should freshen 3-4 months earlier than most of them do, and at weights 100 to 150 lbs. heavier than the present national average.

"A good broilerman has a right to expect to have 3 lb. average broilers ready for sale at 9 to 10 weeks—and from not more than 9 lbs. of feed. Yet most growers still don't have a 3-lb. bird until 10 to 11 weeks. They use 2 to 3 more pounds of feed than would be needed if they'd feed and manage a little better.

"Many poultrymen seem satisfied with 130 to 150 eggs per hen; 65 chicks per 100 eggs incubated; 10 to 15% chick death losses; 20 to 30% hen mortality.

"At this farm we get 85 chicks from every 100 eggs incubated. Hens on the Purina Plan average at least 220 eggs per year. Chick losses are less than 2% and hen mortality is under 10%. Those differences

add up in a year's time—help you make money lots of times in spite of low prices for eggs or poultry meat.

"Friends, breeding alone can't solve our problems. To stay in business we must take advantage of what science has found out about feeding and management.

"High production per hen, per sow, per cow is no longer a goal. It's a necessity if we're going to make money farming today. And you can do it if you want to."

* * *

EDITOR'S NOTE: On July 1st, after 27 years of actively directing Purina's Research Farm, Mr. Powell retired to operate his own farms near Montgomery City, Montgomery County, Mo.

Certainly no one in Ralston Purina is so well known and respected across the nation as an agricultural authority.

This presentation of the Purina Research Farm was planned as a special tribute to Elmer B. Powell and his associates at the Research Farm.



Feeding practices throughout America are influenced by Purina Research Farm results

AS ANY trained research man will tell you, research is not something to be seen in a day's time. Yet, each year since it was established in 1926, some 10,000 to 15,000 visitors have spent a day at the Purina Research Farm. And they have gained much from the one day tour.

The 738-acre farm over which these visitors trudge is near Gray Summit, Mo., 43 miles southwest of St. Louis. It is recognized as the largest commercially operated farm devoted exclusively to research on feeds and feeding practices. But its appeal to the thousands of visitors is the type of work being done rather than its size. Here animals and poultry have no better bred-in ability than those many of the visitors have at home. With equally good management and feeding, they see how they, too, can equal or exceed results at the Research Farm.

Visitors tell us ideas picked up on management and feeding have helped them at home. But the most important thing they get is a view of actual research results—results that have come from 26 years of careful, controlled testing. Visitors don't see research, but they see tangible results of research. For example, they see a herd of 75 grade Holsteins that in 1951 averaged in excess of 14,000 pounds of milk and 530 pounds of butterfat. The original herd when assembled in 1928 averaged only 6800 pounds of milk and 238 pounds of butterfat.

They see grade Duroc sows farrowing twice a year and marketing 17 to 18 pigs each per year. Many sows on general farms farrow only once a year, but those farrowing twice average only 13 pigs weaned. Stating it in another way, 10 sows on this farm are marketing more hogs than 13 average sows wean.

Normally 6500 to 7000 pullets are grown to maturity here on varying experimental feeds. In the laying house, through the Sept.-Dec. period of highest egg prices, these pullets are producing an average of 2 dozen more eggs than average U. S. pullets.

To help practical cattle feeders use local

grain and roughage more economically 225 steers are fattened at the beef cattle unit each year and baby beef show calves are also fed out.

Broilers at the Research Farm are regularly marketed at 10 weeks of age averaging better than 3½ pounds. A few years ago broilers on this farm were regularly kept 12 weeks and weighed no more than than birds now weigh at 10 weeks.

Research Farm results with other classes of animals and poultry are equally striking. For example, turkey breeder hens here are kept laying throughout the year, so new poults can be started every two weeks. One hen, laying 251 eggs in a year under trap nest, established what we believe to be a world's record. Market turkeys consistently average a pound of meat on less than 4 pounds of feed.

Market ducks are averaging 6 pounds or heavier at 9 weeks, and on consumption of less than 22 pounds of feed. One breeder duck laid 346 eggs in a year under trap nests. This is probably another world's record.

The research work with dogs, rabbits, pheasants, pigeons, chinchillas, foxes, mink and martens has been equally thorough and important to feeders in these specialized fields.

Examples of Progress at the Purina Research Farm (1926-1952)

THEN		NOW	
	At the Purina Research Farm in 1932, we averaged weaning 7.61 pigs per litter with a weaning weight of about 30 lbs. Pigs were weaned at 8 weeks of age at that time.		Our 1950 average, all breeds, was 9.15 pigs saved per sow. Weaning weight at 9 weeks was 43.29 lbs. for our Duroc herd. Yorkshire Sow No. 10 farrowed 163 live pigs in 11 litters!
	Shortly after the first White Leghorn flock was established at our farm, average production per hen was 167 eggs a year. There was about 60 to 65% hatchability on all eggs set.		In a recent 12-month period, the White Leghorn flock averaged 238.6 eggs per hen. We regularly get 80 to 85% hatchability of all eggs set.
	When our Turkey Unit was first started, we secured a weight of 16.51 lbs. at 30 weeks of age on 83 lbs. of feed. The percent mortality from hatch to market averaged 19.26%.		Today, we get weights of approximately 20 lbs. at only 26 weeks of age on a total of approximately 80 lbs. of feed. Mortalities run 10% from hatch to market.
	Our original grade Holstein herd averaged 6,800 lbs. of milk and 238 lbs. of fat their first year. In 1928 the accepted weight for a 4-month-old Holstein calf was 250 lbs.		Our grade Holstein herd is now averaging more than 14,000 lbs. and over 500 lbs. of fat. Holstein heifer calves at the farm today average 310 lbs. at 4 months of age.
	When the Rabbit Unit was first established, 75 to 80 lbs. of rabbit meat per doe each year was considered good production. There was much improvement to be made on equipment and feed.		Now, in a year, we market approximately 130 lbs. of rabbit meat for each doe at the farm. We've learned a lot about hutches, equipment, breeding and other management problems.

VANDERBILT STATE UNIVERSITY LIBRARY

How much would Research Farm results boost your income?

The increased use of power machinery has led to larger farming units. The reason behind this farming change is the desire to increase grain production per man, and increase cash income.

Increase in grain production on many farms has been followed by larger numbers of animals and birds to convert the extra grain into meat, milk and eggs. All too often the important job of getting top production from each animal or bird is overlooked.

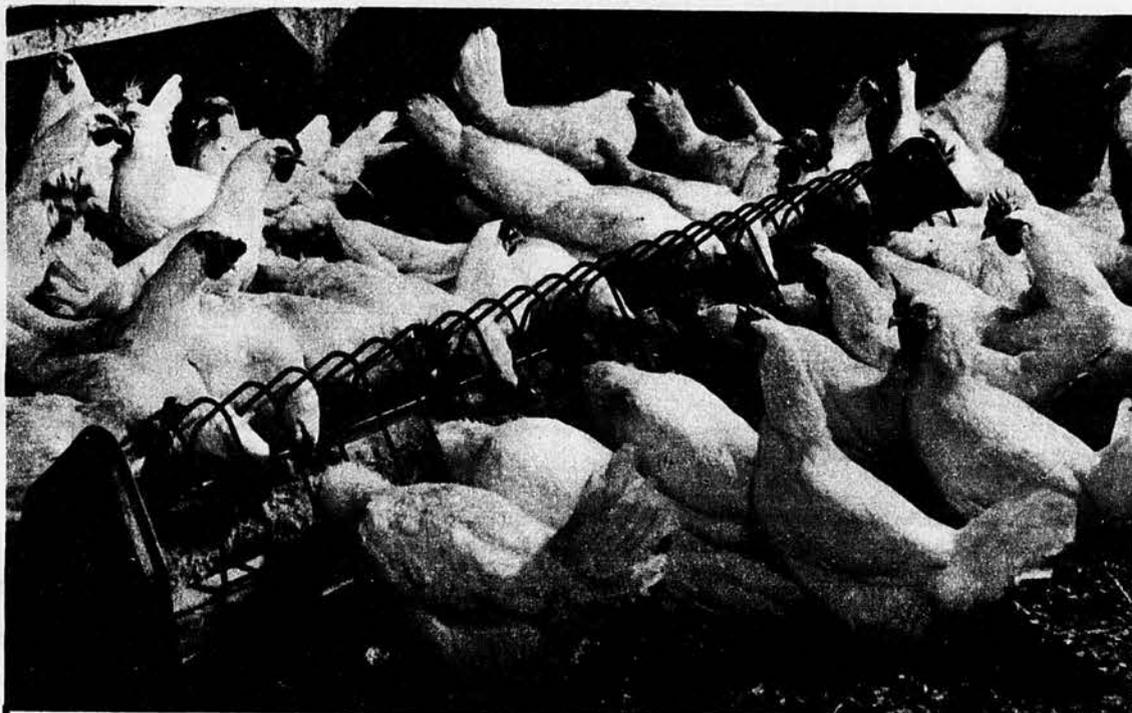
Farmers who are overworked and short of help should be especially interested in the following figures and facts.

\$1.86 Extra in Eggs Per Hen

Most authorities recommend the keeping of at least 300 layers, but many flocks of fewer hens are kept. The average is about 200.

The average hen in 1951 is credited with producing 176 eggs. At the Research Farm the average hen in 1951 produced 238 eggs. More than two dozen of those extra eggs were laid in the fall months while egg prices were high. The average price of the 62 extra eggs was slightly in excess of 36 cents per dozen. The extra eggs produced per hen boosted the value of her produce \$1.86.

By equaling production of the Research Farm the yearly income from an average flock of 200 hens would be increased \$372. Those with 500 hens can boost their income \$75 a month.



PURINA FARM HENS PRODUCE 2 DOZEN EGGS MORE THAN AVERAGE WHEN PRICES ARE HIGHEST



U. S. AVERAGE DAILY MILK PRODUCTION PER COW, 17.7 LBS.



PURINA FARM AVERAGE DAILY MILK PRODUCTION PER COW, 47.87 LBS.



\$5204 Extra in Milk

In the average milking herd in the United States there are 15 cows. Their average production in 1951, according to U.S.D.A. figures, was 5326 pounds of milk. These cows boosted to the 14,000 pound production level of the grade Holsteins at the Research Farm would increase the amount of milk sold from each farm 130,110 pounds. At an average price of \$4 per cwt., the increase in milk would add \$5204 to the income of each farm.

\$2025 Extra in Pork

Many hog men in grainbelt areas keep 20 or more sows, but on the average farm about 10 sows are kept. Records from the United States Department of Agriculture show the average sow farrowing in the spring of 1951 weaned 6.47 pigs. Sows raising fall litters averaged weaning 6.6 pigs. The average sow farrowing two litters in 1951 thus weaned 13 pigs.

Agriculture authorities generally agree that each sow must raise 5 pigs per litter or 10 per year for her owner to break even. On this basis the average farm last year had 3 pigs per sow as profit. At the Purina Research Farm, for 4 consecutive years, the average Duroc sow has sent 17½ pigs to market. On the same basis of figuring that gives 7½ pigs profit, or 4½ extra pigs per sow. By stepping up his pig production to the Purina average the man with 10 sows would have 45 extra pigs. These 45 pigs carried to an average market weight of 225 pounds would give him 10,125 extra pounds of pork to sell. At \$20 per cwt. that extra pork would bring \$2025.



AVERAGE HOGS TO MARKET PER SOW...	
PURINA FARM AV. HOGS TO MARKET PER SOW...	

PURINA CHECKERBOARD NEWS

PURINA FEEDERS EVERYWHERE GET TOP RESULTS, TOO

Nebraska man housed 93% of 2100 chicks started



Ruhl collected the first eggs when pullets were 4 months old to the day.

LOW MORTALITY and early egg production is the best proof that you have the right poultry feed, according to George Ruhl, Blue Springs, Nebraska. Ruhl should know, for of 2,100 straight-run chicks managed on the Purina Program, 93% were housed either as broilers or layers. Pullets were laying when 4 months old and were up near 50% production at 5 months.

Here is how Ruhl applied the Purina Program to his local farm conditions. When the chicks had eaten 2 lbs. of Purina Chick Startena Checker-Etts, they were switched to Purina Growena. They were moved to range at 5 weeks and were switched to Purina Growing Chow and grain at the end of the 7th week. This allowed Ruhl to utilize home-grown grain.

Ruhl buys a strain of cross-bred chicks which have the capacity of early laying. His pullet range is of good quality pasture, ample in size to handle the flock. He makes sure birds don't crowd for roosting space. Range equipment is portable so it can be moved as areas become wet or contaminated.

George Ruhl believes that big, strong, ready-to-lay pullets are no accident, but the net result of a sound poultry program—the Purina Program. Heavy-producing hens prove that Ruhl knows what he's talking about.



Talk with George Stayton about his cows and their production and you'll quickly recognize him as a successful dairyman.

Conditioning cows important, Kansan says

"CONDITIONING my cows while they're dry is one of the most important things I do," says George Stayton, Winfield, Kansas. A cow I call the "Jordan Cow" is a good example of what dry period feeding can do. As a 7-year-old, in her 5th lactation, she gave 15,613 lbs. of milk with 588.6 lbs. of fat in 288 days. Her lactation was not complete, but our tester quit, so the record is incomplete.

"I've been a Purina feeder 12 or 14 years and I follow the Purina Program as nearly as I can. I feed Milk Chow with good hay, at the rate of 1 pound Chow to 4 pounds of milk, feeding each cow according to her production.

"You may have guessed from my 3 silos and the feed bunks that I'm a great believer in roughage. I also have a large loafing barn where the cows munch hay before going to the milking barn."

Buildings on the Stayton farm are well-planned and practical. Take a look at the farmstead and you'll quickly surmise that the operator has been successful. Sound management, good equipment and the Purina Program of conditioning cows all enter into the picture.

Frisch sows regularly wean big litters

LAST FALL Victor J. Frisch and son Victor, Jr. of Walcott, Iowa, marketed 109 out of 110 pigs farrowed. That record didn't specially excite them, as the Frisch's have a reputation for marketing large numbers of pigs per sow every year. Last spring they weaned an average of 9½ pigs per sow.

They weighed the pigs farrowed by one sow last spring. At birth the 12 pigs weighed 48 lbs. At 4 weeks they averaged 20 lbs., and at 8 weeks they averaged 50 lbs. In another case 4 pigs from a litter of 14 were transferred to another sow. All 14 reached market age.

For 12 years the Frisch's have been tenants on the same 200 acre farm. They usually buy and feed the landlord's share of corn and oats along with their own. Their practice has been to haul their grain to the Farmers Elevator in Walcott, where it is ground and the proper amount of Purina concentrate is added. The landlord welcomes this program that returns fertility to his farm land. Each spring finds Mrs. Frisch with about 300 pullets and the men folks with about 40 cattle on full feed, in addition to the pigs produced by 30 to 35 sows. The Frisch's have been Purina Program feeders for many years.



"When our sows are farrowing we are with them—we save a lot of pigs that way," said Victor Frisch.

CALAMITY CAL...
of the Purina Farm...

SEE, CAL? HE BACKS UP WHAT I'M DOING WITH MY COWS. YUP.

I TOLD YOU ABOUT THIS TEST, CAL. REMEMBER? YUP.

Back Home... CAL, NOW YOU SEE WHAT CAN BE DONE, WHY DON'T YOU IMPROVE YOUR FEEDING AND MANAGEMENT... MAKE YOURSELF MORE MONEY? NOPE.

B-BUT... WHY, CAL? AIN'T FARMIN' HALF AS GOOD AS I KNOW HOW NOW... DON'T AIM T' TAKE ON ANY NEW IDEAS!

If you aim to farm better—want to keep up with new research & ideas on poultry & livestock feeding & management, keep in touch with Your Purina Dealer—at the Store with the Checkerboard Sign—you'll find he's a good guy to know.

by ed smyth + bill sims

KANSAS STATE UNIVERSITY LIBRARY

Best Poultry and Crops Exhibits Held Interest at Kansas Free Fair

HIGHLIGHTS of the Kansas Free Fair, at Topeka, this year were the crops show and the poultry show. Probably the best corn show ever held at the fair was reported by officials. The same went for the poultry show, where both numbers and quality were high. Top Kansas winners in the various departments were as follows:

Beef Cattle

Angus: Senior champion bull, Simon Arm, Madison, on Prince 91 of SAF; reserve senior champion bull, Hudelson Brothers, Pomona, on Pokan Prince 8; junior and grand champion bull, Simon Arms, on Prince TT 2d; reserve junior and reserve grand, Sunflower Farms, Everest, on Quality of Ada 6th. Senior champion female, Simon Farms, on Blackcap Bessie 85 of SAF; reserve junior champion, Simon on Miss Prudence of Sunflower; junior and grand champion female, Simon on Blackcap Bessie 252 of SAF.

Herefords: Champion bull, Foster Arms, Rexford, on F. F. Alpine C-29; reserve, CK Ranch, Brookville, on CK Rusty 362nd. Champion female, CK Ranch on CK Cora Kay 2d; reserve champion, Frank R. Condell, El Dorado, on Dellford Lady 4. County herds, Marion County Hereford Assn.

Red Polls: Senior and grand champion bull, John Rings, Marysville, on Ed.

Shorthorns: Reserve senior champion bull, Harshman & Son, Clements, on K Royal Max 2d.

Dairy Cattle

Ayrshires: Junior champion female, Stanley Witt, Morrill, on Lanside Snowy Clara; senior and grand champion female, Ronald Lee Johnson, Lawrence, on White King's Brown Betty. **Brown Swiss:** Junior champion bull, Green & Chamberlain, Topeka, on Captain of Greenridge; senior and grand champion bull, G. D. Sluss, El Dorado, on Eldorado's Rusty. Junior champion female, Chester Peterson, Falun, on Joyce's Show Girl; senior and grand champion female, Green & Chamberlain, on Greenridge Grace Lady. Kansas canton herds, Canton No. 5.

Holstein-Friesians: Senior and grand champion female, Arthur Jensen, Olaf, on Bolman Pontiac Delight. Kansas district herds, Capitol District. **Jerseys:** Junior and grand champion bull, Fred Smith, Highland. Senior and grand champion female, Fred Smith, Highland, on Foremost Fame Mary; junior champion, Fred Smith on Chief Design KO. Kansas parish herds, N. E. Kansas Parish.

Milking Shorthorns: Junior champion bull, Delaine Hinkle, Powhattan, on Elknih Sir Patrick; senior and grand champion bull, John Tate, Horton, on Quallyn Earl Neptune. Junior champion female, Delaine Hinkle on Elknih Emma Marie; senior and grand champion, Frances Torkelson, Everest, on Wood Shirley 50th. Kansas district herds, N. E. Kansas District.

Sheep

Southdowns: Kansas bred flock, H. Thalmann & Son, Haven. **Shropshires:** Kansas bred flock, T. Fanning, Ottawa. **Suffolks:** Champion ram, Sylvester Martin, Mt. Hope. Champion ewe, Martin. Kansas bred flock, Martin.

Agriculture

Champion 10 ears open-pollinated corn, Rolla Freeland, Effingham. Champion 10 ears hybrid, Shirley Rice, Valley Falls. Champion 100 ears hybrid, Liva Moore, Gardner. Champion 10 heads sorghum, F. W. Chamberlain, Carbondale. Gallon of threshed wheat, Pawnee class, Gary Laudick, Hoisington. Mr. Laudick also won first of any other variety of hard winter wheat. Individual farm display, Howard Hanson, Eskridge. County collective booths, Labette County, as prepared by William Habi-

ger, Parsons. County project booths, Sumner county, as prepared by Hobart Frederick, county agent, on creep-feeding. FFA educational agricultural booths, Hiawatha chapter, Ralph Arnold, instructor.

Horticulture

Winning table of apples, E. E. Shields & Son, Wathena.

Poultry

Egg Laying Derby: Won by pen of Hy-Line pullets exhibited by Lowe's Hatchery, Topeka. Pen of 5 pullets laid 26 eggs in 6 days. Second-place winner was Coomb's Hatchery, Sedgwick, with a pen of Hy-Lines that laid 23 eggs.

4-H Livestock

Baby beef, champion, Virginia Kinder, Esbon, with an Aberdeen-Angus; reserve champion, James Smith, Burlingame, with a Shorthorn.

Shorthorn baby heaves: Champion, James Smith, Burlingame; reserve, Stanley Witt, Morrill; junior yearlings, James Smith.

Hereford baby heaves: Champion, Judy Olson, White City.

Angus baby heaves: Virginia Kinder, Esbon.

Hereford heifers: Champion, Frederick Lee Hall, Powhattan.

Angus heifers: Champion, Dale Rickabaugh, Greeley.

Poultry: Grand champion pen, Kenneth Blush, Shawnee; reserve, Kenneth Schoenhoper, Neosho.

Dairy: Brown Swiss, heifer calves, Philip Bentz, Osage; Chester Peterson, Jr., Salina; junior yearlings, Don Stitham, Jackson; senior yearlings, Chester Peterson, Jr. Fitting and showing, Chester Peterson, Jr.

Milking Shorthorn: Junior yearling, Frances Torkelson, Brown; Gary Dalquist, Morris. Heifers or cows, Johnny Workman, Miami; Barbara Ann Jones, Shawnee. Older cows, Frances Torkelson, Brown. Fitting and showing, Barbara Ann Jones, Gary Dalquist. Milkling Shorthorn champion, Frances Torkelson; reserve, Barbara Ann Jones.

Holstein, heifer calves, Leonard Chamberlain, Lyon; Suzanne Torkelson, Brown; Jay Campbell, Brown; Kenneth Whaley, Douglas. Junior yearling, Elaine Clark, Jefferson; senior yearling, Suzanne Torkelson. Heifers or cows, Leonard Chamberlain. Older cows, Wendell McHenry, Jefferson. Fitting and showing, Leonard Chamberlain. Champion Holstein, Leonard Chamberlain; reserve, Suzanne Torkelson.

Guernsey: Heifer calves, Jody McCabe, Jefferson. Junior yearling, Keith Nash, Shawnee. Senior yearling, Vera Lee McGinnes, Jefferson. Heifers or cows, Lee Taylor, Geary. Older cows, Lee Taylor. Fitting and showing, Jody McCabe. Champion Guernsey, Lee Taylor; reserve, Vera Lee McGinnes.

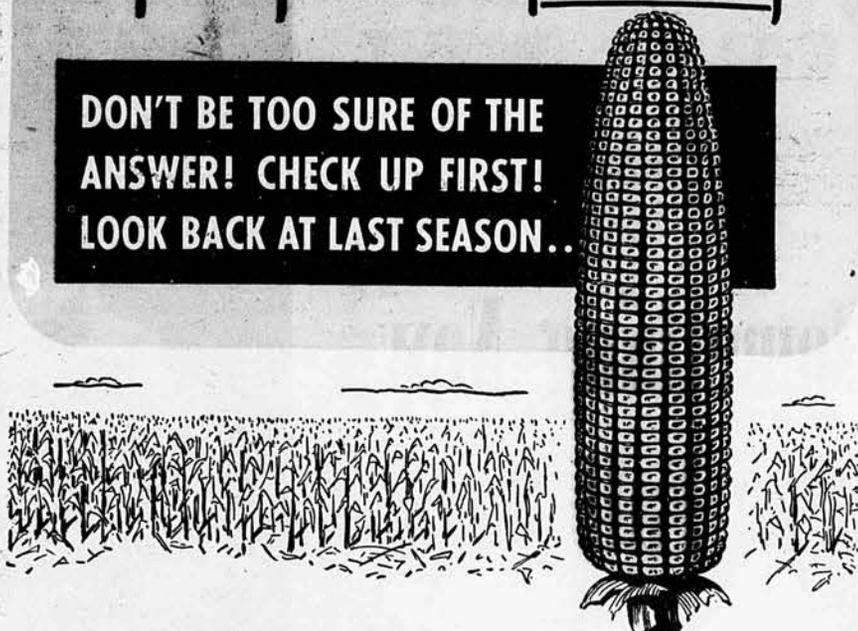
Ayrshire: Heifer calves, Irene Sample, Douglas; Stanley Witt, Brown. Senior yearling, Irene Sample; Stanley Witt. Older cows, Ronald Johnson, Douglas. Fitting and showing, Stanley Witt. Ayrshire champion, Ronald Johnson; reserve, Stanley Witt.

Jersey: Heifer calves, Sara Sylten, Brown. Senior yearling, Ward Sample, Douglas. Older cows, Jim Hundley, Atchison; Sara Sylten. Fitting and showing, Sara Sylten; Ward Sample; Jim Hundley. Champion Jersey, Sara Sylten; reserve, Jim Hundley.

Sheep: Fat market lambs, any breed, less than 90 pounds, Janis Schoof, Morris. Fat market lambs, any breed, 90 pounds or more, Leda Vernon, Lyon; Gail Ratliff, Anderson; Virgil Rickel, Jackson; Janis Schoof, Morris; John McComb, Shawnee. Champion fat lamb, Janis Schoof; reserve, Gail Ratliff. Shropshire ewe lambs, John McComb, Shawnee; Richard Smerchek, Shawnee; Nancy McGeeney, Jefferson; T. D. Fanning, Franklin. Hampshire ewe lambs, Leda Vernon, Lyon; Larry Vernon, Lyon.

ARE YOU PREPARED... to pick your corn profitably?

DON'T BE TOO SURE OF THE
ANSWER! CHECK UP FIRST!
LOOK BACK AT LAST SEASON...



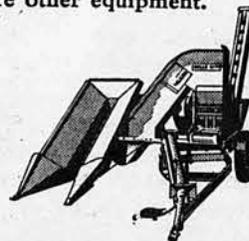
Did you run into repeated delays last year because of mechanical corn picker trouble? Did you leave a big share of your profits right in the cornfield . . . in unpicked stalks or in shelled corn? Did you have trouble with mired equipment? Was your tractor tied up too often when you needed it badly for other work?

If even one of these questions must be answered "yes", it will pay you to investigate the savings and conveniences of a Ferguson Belle City Corn Picker.

Consider these points about the Belle City. They have a direct bearing on your corn profits!

- 1 A two-row picker costs roughly half again as much as the Belle City. Yet, for most corn growers, the two-row picker does not offer enough extra capacity or advantages to warrant this higher cost.
- 2 It has been proved that, even in the highest corn-producing areas, a one-row picker has enough capacity to harvest corn more economically for the greatest number of growers.
- 3 The Belle City Picker can be attached in a few minutes by only one man . . . can be detached in a jiffy whenever the tractor is needed elsewhere.
- 4 Light draft, straight-through hitch, and streamlined design permit operation under conditions that would mire other equipment.
- 5 It is the cleanest picking, yet the most gentle of all corn pickers.

Your Ferguson Dealer will gladly spend all the time you need for a complete study of your corn picking requirements. Why not get in touch with him today? Harry Ferguson, Inc., Detroit 32, Mich.



Copyright 1952 by Harry Ferguson, Inc.

FERGUSON-BELLE CITY CORN PICKER

STOP Weed and Grass Shorts on Your Electric Fence Line!

GET BULL-TIGHT
FENCING WITH
ONE WIRE!



KILLS WEEDS ON CONTACT!
FAMOUS HOL-DEM "WEED-KUTTER" cuts weeds off on contact, eliminates "nuisance shorts" on your fence line, holds stock where others fall. Controls stock the year 'round, in any soil or weather condition. Guaranteed to hold stock even on the driest ground . . . with one wire!

Model 45
115 Volt A.C.
Only \$27.75

5 YEAR GUARANTEE!
Satisfaction or your money back. Investigate the "Famous" HOL-DEM Fencer. Six Models to choose from. Write for FREE folder with prices on Hi-Line and Battery operated units. Save money, work and time . . . order today!

Ask your local Dealer or write:
HOL-DEM FENCER CO.
311 East Lincoln St.
Wichita, Kansas Phone: 2-5334
DEALERS WANTED



Symbol of Quality
Diamond Top

Tongue-Lock
CONCRETE STAVE
SILOS
QUALITY

. . . in production
. . . in erection
An Early Order
will Assure you
of a Silo.

MCPHERSON
CONCRETE PRODUCTS CO.
McPherson, Kansas

904 W. Euclid St.

Kansas Farm Home and Family

FLORENCE MCKINNEY, Editor.

Something New For Fall Days

APPETITES come to life with the advent of cool fall days, so here we come with a new recipe for meat pie which can be made in a large casserole or in small individual ones. You'll agree the cheese crust is delicious.

Don't shy away from the beets in orange sauce. Sounds startling, but you'll find it good.

Blueberries, commercially grown, are becoming an increasingly important crop and you'll find them in cans on your grocer's shelf. Blueberry slump is an old-fashioned recipe from our own east coast prepared by our ancestors in the days when all blueberries were the wild variety.

Mid-Week Meat Pie

½ pound cubed beef	¼ teaspoon garlic salt
½ pound cubed pork	4 small, whole onions
2 tablespoons shortening	1 cup coarsely diced carrots
3 cups water	1 cup green beans
1 bay leaf	1½ cups cubed potatoes
2 teaspoons salt	¼ cup enriched flour
¼ teaspoon pepper	¼ cup water

Brown the cubed meat in shortening, add water, bay leaf, salt, pepper, garlic salt, onions and simmer about 30 minutes. Add diced carrots, green beans and cubed potatoes. Cook until vegetables are tender.

Blend together flour and ¼ cup water to form a smooth paste. Add to hot stew and stir constantly until thickened. Turn into a 1½-quart casserole or baking dish. Top with the following cheese pastry.

Cheese Pastry Topping

1 cup grated cheese	1 package pie crust mix
---------------------	-------------------------

Blend cheese with pie crust mix and prepare as directed on package. Roll out on floured board or cloth to fit top of baking dish. Cut design as shown in picture or slits to allow steam to escape. Place on hot stew and seal by moistening edge of casserole and fluting crust. Bake in oven (450°) for 15 to 20 minutes. Makes 6 generous servings.

Beets in Orange Sauce

¼ cup butter	1 teaspoon vinegar
½ cup sugar	1 tablespoon cornstarch
½ cup orange juice	2 tablespoons cold water
2 teaspoons grated orange rind	3 cups cooked beets, cubed
½ teaspoon salt	

Combine butter, sugar, orange juice, rind, salt and vinegar. Bring to a boil. Reduce heat and cook 5 minutes. Blend cornstarch with cold water and stir into sauce. Cook until thick and clear. Add beets and simmer 5 minutes to blend flavors. Makes 6 servings.



CHEESE PASTRY TOPPING which covers this meat pie is delicious. With hot bread, tossed salad and drink it will be a meal complete.

Broiled Potato Mounds

A good way to use leftover mashed potatoes and attractive enough for a luncheon plate.

2 cups mashed potatoes	½ teaspoon paprika
½ teaspoon salt	1 tablespoon melted butter
1 tablespoon grated onion	¼ cup grated cheese

Whip potatoes until fluffy. Blend in seasonings and melted butter. Drop in 4 mounds on greased shallow pan or cookie sheet. Sprinkle each mound with 1 tablespoon grated cheese. Broil about 4½ inches from heat for 10 minutes, or until lightly browned. Yields 4 to 5 servings.

Blueberry Slump

1 No. 2 can blueberries	1 tablespoon baking powder
2 tablespoons lemon juice	1 tablespoon sugar
½ cup sugar	¼ teaspoon salt
1 teaspoon nutmeg	1 tablespoon shortening
1 cup sifted all-purpose flour	½ cup milk

Combine berries, lemon juice, ½ cup sugar and nutmeg in a heavy, shallow saucepan or skillet. Cook 5 minutes. Sift flour, baking powder, 1 tablespoon sugar and salt. Work in shortening, add milk and stir until mixture is very thick. Drop by spoonfuls on boiling blueberry mixture. Cover tightly and cook over a low flame 10 minutes. Do not remove cover during cooking period. Serve warm with cream. Makes about 4 to 6 servings.

Tomato Jam

4 quarts whole tomatoes	2 lemons
3 oranges	½ ounce stick cinnamon
sugar	¼ ounce whole cloves

Remove skins of tomatoes. Remove core and cut into quarters. Slice oranges and lemons very thin and quarter. Pour off half the juice from tomatoes. Measure remaining tomatoes and juice and add an equal amount of sugar. Stir until dissolved. Add lemons, oranges and spices. Boil quickly and stir often. Cook until fruit is clear. Pour into hot sterilized jars, cover with paraffin and seal.

Vegetable Chowder

¼ pound salt pork, diced	2 cups milk
3 cups diced potatoes	2 tablespoons flour
2 cups diced carrots	1 teaspoon salt
½ cup chopped onion	2 cups hot, cooked tomatoes
1 green pepper, diced	pepper

Cook potatoes and carrots in water to cover, until tender. Cook salt pork in a heavy kettle until it begins to brown, then add onion and green pepper and cook slowly until onion is transparent, but not brown. Add the flour and blend. Add milk and cook, stirring until sauce is smooth and thickened. Add salt and pepper to taste. Add tomatoes and cooked vegetables and water in which they were cooked. Serve at once.

PATTERN NEWS

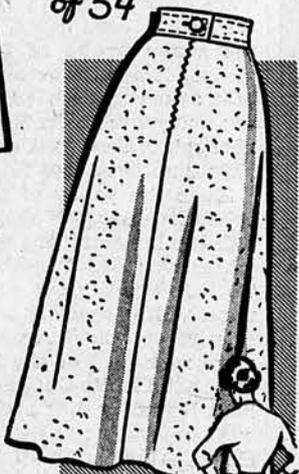
9013—Casual dress has deep yoke and skirt has inverted front pleat. Misses' sizes 12 to 20 and 30 to 42. Size 16 takes 4 1/4 yards 35-inch fabric.

9122—Slim, trim flattering frock is pretty, so soft. Has yoke with lapel. Women's sizes 34 to 48. Size 36 takes 4 5/8 yards 35-inch material; 1 1/2 yards 2 1/2-inch lace or eyelet edge.



9052
SIZES
14 1/2-24 1/2

Only
One Yard
of 54"



4703
SIZES
25"-29"



9379
SIZES
S-14-16
M-18-20
L-40-42

9379—Give these aprons as a gift, or make them for yourself. Sizes small (14, 16), medium (18, 20), large (40, 42). Small size coverall, 2 yards 35-inch fabric.

4703—Fashionable and thrifty! Make this skirt in a jiffy. No side-seams, no sewing problems. Jr. Miss waist sizes 25 to 29 inches. One yard 54-inch for all given sizes.



9013
SIZES
12-20
30-42



9122
SIZES
34-48



9346
SIZES
2-10

9052—Pretty dress with ruffles and pockets. Slenderizing and comes in half-sizes 14 1/2 to 24 1/2. Size 16 1/2 takes 4 1/8 yards 35-inch fabric and 2 3/4 yards 1 1/2-inch ready-made ruffling.

9346 — Wardrobe for boy or girl. Child's sizes 2 to 10. Size 6 overalls take 1 5/8 yards 35-inch material; jacket, 1 3/8 yards; blouse, 1 yard; suspender-skirt, 1 1/8 yards.

Pattern Numbers	Size	Name
		Route
		Town
		State

Patterns are 30 cents. Address Fashion Editor, Kansas Farmer, Topeka.

THIS FALL KLM OFFERS THRIFT SEASON FLIGHTS TO EUROPE

AS LOW AS **\$364.80** ROUND TRIP

Low KLM Air Tourist fares plus the added savings of THRIFT SEASON make marvelous vacations possible on really modest budgets. For example: \$364.80 flies you to Shannon and return. Only \$553 buys your round trip KLM Air Tourist ticket to Paris and ten wonderful days in Holland, Belgium and France. Or you may choose from these other exciting European Tours — just \$10 a day covers all expenses —

1. England and Scotland
 2. France
 3. Italy
 4. Switzerland
 5. Germany, Belgium and Holland
- 4 CAPITALS—2 WEEKS—ONLY \$583**
Enjoy two whole weeks in Europe visiting four famous capital cities — London, Amsterdam, Paris and Brussels — for the inclusive price of \$583.

Low KLM THRIFT SEASON Tourist Fares
ROUND TRIP NEW YORK TO

- SHANNON... ONLY \$364.80
- LONDON*... ONLY 417.00
- PARIS..... ONLY 453.00
- AMSTERDAM ONLY 453.00
- FRANKFORT ONLY 494.60
- ROME..... ONLY 574.00

Good low-cost meals are available aboard plane.

*via Prestwick or Shannon
Plan your trip of a lifetime for this November. Mail coupon today for KLM's free booklet giving full details about Thrift Season Air Tours to Europe.

WORLD'S FIRST AIRLINE

THRIFT SEASON STARTS NOV. 1.

MAIL COUPON TODAY

KLM Royal Dutch Airlines, Dept. K-20
Suite 1109, 37 South Wabash Avenue
Chicago, Ill.

Please send me full information about THRIFT SEASON Air Tourist Tours to Europe.

NAME _____
ADDRESS _____

MY TRAVEL AGENT IS _____

MEET THE MAN*

* Your Greyhound Agent

who offers you
**AMERICA'S MOST POPULAR
TRAVEL WAY**



See This Man*

*your Greyhound agent, who'll help you plan that fall trip for the whole family that you've all talked about. He'll arrange for your hotel accommodations, sightseeing trips, and transportation. Leave your car at home — rest and relax as you ride in a Greyhound Super-Coach!

**MORE PEOPLE TRAVEL
BY GREYHOUND THAN
BY ANY OTHER TRANSPORTATION SYSTEM**

About 200 million passengers took intercity trips by Greyhound last year — millions more than by any other transportation system, land, sea, or air. Drop in and see your nearest Greyhound Agent — he'll be glad to explain to you why Greyhound is today's best buy in travel.

THE COST IS LOW
THE COMFORT HIGH

IT'S TODAY'S
BEST BUY
IN TRAVEL

ON YOUR NEXT TRIP — GO

GREYHOUND



NEVER PAINT AGAIN!

BE FREE!



SUPER WALL BAKED ENAMEL ALUMINUM SIDING

WITH EXCLUSIVE BLANKET TUFFLEX INSULATION!



No Other Insulation Needed!
NOW...at last!
At a Price Everyone Can Afford!

- Wide 8" Clapboard—No Artificial Look
- No Exposed Nails
- Eliminates Painting Forever
- Finest Possible Insulation
- "Infra-Red" Baked Enamel Paint, Can't Crack, Chip or Blister
- Fireproof—Waterproof—Rustproof

Special Introductory Offer

Here is a tremendous opportunity for YOU! We are going to select several homes in your community to be used exclusively to stimulate interest in this guaranteed and proven product. If you are one of the many home owners who are tired of painting and if you want to avoid costly repairs on the outside walls of your home . . . and if you are interested in saving \$200 to \$300 every two years on repainting, and up to 40% on fuel bills . . . then be sure to take advantage of this SPECIAL OFFER . . . now! Offer good for a limited time only. Send coupon below for FREE information . . . do it today!

CONTACT US BEFORE REPAINTING

for permanent savings . . .

home
Improvement Co. of America

Home Improvement Co. of America
4325 East 9th Street
Kansas City, Missouri
Gentlemen: Please furnish me with complete FREE information (including a SPECIAL OFFER) on how I can save by re-siding my home. No obligation—of course!
I Own my home Rent my home I am buying
I am building

Clip and Mail
This Coupon Today!

Name _____
Address _____
City _____ State _____
The Best Time to Call is (check one)
Morning Afternoon Evening

THIS IS THE WAY THEY RAISED THE MONEY

SINCE NURSES always are in demand, the Lyon county Forest Hill home demonstration unit set out on a project of giving financial aid to a nurse in training at Newman Memorial County Hospital in Emporia. Members wished to help a Lyon county girl, one who might otherwise not be able to continue her work without financial assistance.

Mrs. Glenn Valyer, a club member who works at the hospital, knew there was such a need, told members about a student worthy of aid. The group left it to Mrs. Valyer to make necessary contacts to put the project into action. The group decided to help the student pay the tuition.

Work of raising money was up to the Forest Hill unit of 24 members under leadership of Mrs. W. G. Pearson, Neosho Rapids, president.

Started in 1951, it became a 2-year project, that of raising \$50 each year toward the student's expenses. In 1951 the group had sufficient money and it was presented outright. In 1952, finances were at a low ebb making it necessary to raise money.

A turkey dinner at Christmas served to the 20 local employees of Kraft Foods Company netted \$27. Tables were decorated with red candles and Christmas ornaments. Not only was the group proud of the dinner but pleased it was the second year they had been asked to serve it. Smaller amounts of money were raised among members at regular meeting. A sale of plants and shrubs netted about \$2.

Since the policy of the unit was to collect the usual \$1 dues, members decided to keep half the amount, some of which was added to the project fund. To help complete it, the group relied upon voluntary birthday collections.

Interest was keen when members were reminded of the balance needed and that a white elephant sale would be held. Knowing that a white elephant in one home was not necessarily a white elephant in another, each member made her contribution. When Mrs. L. O. Van Gundy remarked the glass dishes she brought were antiques, it fired enthusiasm of Mrs. Stella Bixler who is a collector. Had they been real antiques the fund would have been complete. But Mrs. Van Gundy was forced to admit

they were antiques only because she had owned them all her married life. They were sold for 20 cents. Thus the sale went on with more fun than money making. Some members brought fancy work, feed sacks, baked foods and farm products. Total receipts added up to \$11.85, putting the project over the top.

So little by little the goal was reached. In addition to months of fun members felt they had contributed to a worthy cause and lived up to the home demonstration creed by "co-operating with others for the common end of more abundant home and community life."

Homemade Rugs

If you need instructions for making various kinds of rugs that can be beautiful yet easily made, let us send you a copy of our leaflet, "Homemade Rugs." The information is reliable. Write to Home Editor, Kansas Farmer, Topeka. Price 5c.

Scalloped Eggplant

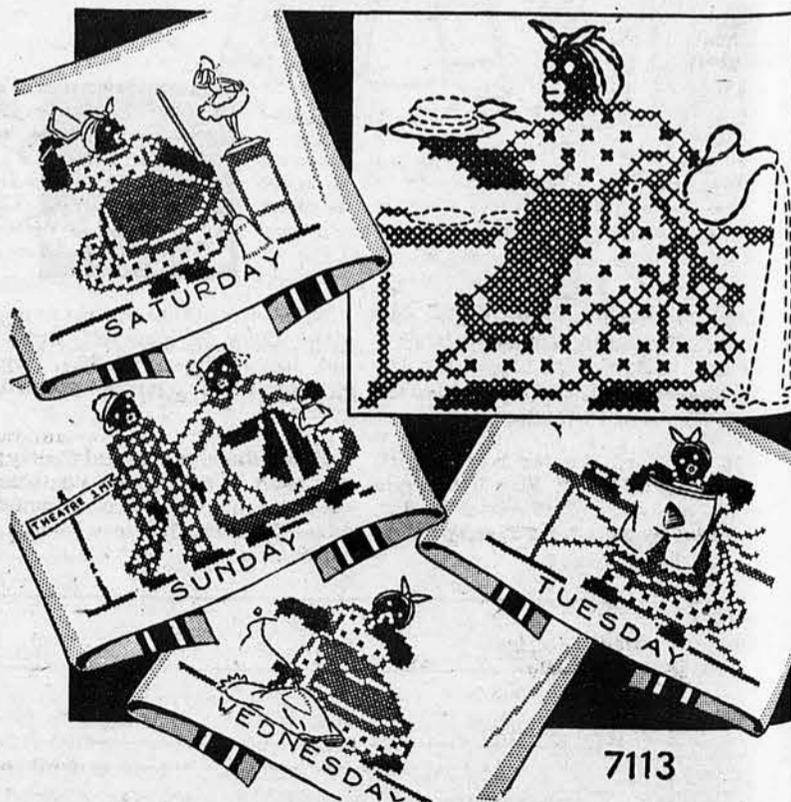
Eggplant in season right now is similar to tomatoes in low-calorie count and can be prepared in a variety of ways, fried, scalloped, baked whole or cooked with other vegetables. One of the favorite ways is scalloped.

- 1 medium-sized eggplant
- 2 tablespoons chopped green pepper
- 2 tablespoons chopped onion
- 4 tablespoons fat
- 2 cups cooked tomatoes
- 1 teaspoon salt
- pepper
- ¼ cup bread crumbs

Pare the eggplant and cut into small even pieces. Melt 2 tablespoons of the fat in a frying pan and brown the green pepper and onion in it. Add tomatoes, salt, pepper and eggplant. Simmer 15 minutes and pour into a greased baking dish.

Melt rest of fat and mix with bread crumbs. Spread over top of eggplant mixture and bake in moderate oven (350° F.) about 20 minutes until eggplant is tender and bread crumbs are brown.

ONE FOR EACH DAY



IT'S FUN to do dishes when you are using these towels. Designs are embroidery fun, too, in easy 8-to-the-inch cross-stitch. A little girl could embroider these. Seven designs 5½ by 8 to 5¾ by 8½ inches.

Pattern 25 cents. Address Needlework Editor, Kansas Farmer, Topeka. Twenty cents more for Needlework Catalog with a free pattern printed in the catalog.

Here's the Cake They Named The Sweepstake Winner

INTEREST, even excitement ran pretty high on Monday at the Kansas Free Fair when judges were selecting the 9 blue-ribbon entries and it soared when Judge Mary Fletcher placed the purple ribbon on the burnt-sugar cake made by Mrs. Ardath Weeks of Highland Park, a suburb of Topeka.

It was selected as top winner from a table covered with wonderful cakes, chocolate, fruit, angel food, yellow sponge, burnt-sugar, spice, gingerbread, white layer and applesauce, all of them with blue ribbons. Every one gave Mrs. Weeks' entry stiff competition. It was right in color for a burnt-sugar cake, regular in shape, made in 2 thick square layers, covered with burnt-sugar icing. Mrs. Weeks is a busy housewife, mother and works in a Topeka department store. This was the third time she entered this cake, and won a blue ribbon on it last year. Here is her recipe for making the burnt-sugar sirup, the cake itself and the icing.

Burnt-Sugar Cake

Mrs. Weeks feels the secret of making a sweepstake cake of this kind is in making the burnt-sugar sirup. This is the way she does it. Put 1 cup granulated sugar in a heavy skillet, burn over low heat until fairly dark, but not black. Care should be taken when it starts to bubble that it does not burn. Stir when it begins to bubble. Take off stove when dark, put skillet in sink and add 1/2 cup boiling water and stir. Put back on stove and boil until it looks slightly thick. Cool and pour into a jar.

This is enough sirup for 2 or 3 cakes.

- 1 1/4 cups sugar
- 3/4 cup vegetable shortening
- 3 cups sifted cake flour
- 3 teaspoons baking powder
- 1/4 teaspoon salt
- 3 teaspoons vanilla
- 1 1/2 cups milk
- 3 tablespoons burnt-sugar sirup
- 4 egg whites, beaten stiff

Cream together sugar and shortening. Sift flour, add other dry ingredients and sift together. Add vanilla to milk. Add milk alternately with dry ingredients to sugar mixture, combining with a beating motion. Add burnt-sugar sirup. Beat egg whites until stiff and fold into mixture. Grease bottoms of pans only, cover bottoms with waxed paper, dust on a little flour and pour cake batter into pans. Makes 2 large or 3 medium-sized layers. Bake 35 to 40 minutes at 350°. After baking let stand in pans about 8 minutes, turn out, cool and frost with following icing:

Burnt-Sugar Icing

- 2 tablespoons butter
- 2 tablespoons vegetable shortening
- 1 teaspoon burnt-sugar sirup
- 1 teaspoon vanilla
- about 1/4 cup hot milk
- 1 pound powdered sugar

Cream butter and shortening together, add sirup and vanilla. Work in powdered sugar and moisten to proper consistency with hot milk. Spread on cake.

Interest Has Increased In 4-H Work at Free Fair

EXHIBITS in the 4-H Club home economics department at the Kansas Free Fair have just about pushed themselves right out the main building. There is no longer enough room for all the fine work that these young folks do. Entries have increased from year to year causing crowding that prevents displays from being properly shown to the public. Judges, too, find it difficult to do their work.

Place settings, for instance, have created a lot of interest and give the girls an opportunity to show taste in china, glass, linens. There were 24 entries in this class alone, all of them crowded into a few showcases.

There were 74 entries in food preservation in 1951, and 84 in the same class this year. Other classes show similar increases. State 4-H Club agents report that quality, too is better from year to year. Competition is sharp and getting sharper.

Gertrude Allen, Extension nutritionist, Kansas State College, reported the drouth had cut down on numbers of entries in canned foods, but that quality is high.

On Tuesday, 34 home economics judging teams began their judging contests

in home improvement, food and clothing. This gives the girls perhaps the most skill in determining standards in these classes. By judging products, jars of corn for instance, they learn which is best and why, according to color, pack and amount of liquid.

Charles Parks and Mrs. Velma Huston both of the Extension staff were busy Monday thru Thursday listening and judging all 4-H Club demonstrations, everything from making a pretty cottage cheese salad to one on better crops. Young 4-H folks came from an area slightly less than half the state from Ellsworth county east.

In the open classes there were more culinary entries than in any previous year, 21 angel food cakes alone. Mrs. Iva Deeringer of route 3, Topeka, entered 36 food items and 5 in the needlework department. Mrs. Deeringer has been a consistent winner and reported that she still has the curtain rods she bought with her first award money 32 years ago.

For Halloween

For a different party on Halloween, write for the following leaflets which carry suggestions for invitations, decorations, games and refreshments. We can give your order prompt attention.

- Hilarious Halloween Party—price 3c.
- Witches' Party—price 3c.
- High Points in Palmistry—price 5c.

Address Entertainment Editor, Kansas Farmer, Topeka.

Fall of the Year

Tart wild grapes hang heavy on the ridgeland. Asters are in bloom beside the old rock wall, Hickory nuts are falling in the valley. Autumn leaves hold colors which enthrall.

By Mary Holman Grimes.

Butter-Nut Really DOES Have EXTRA Flavor

IT'S YOUR
BEST COFFEE
BUY!



FIRST CHOICE

in over a MILLION homes

Compare Butter-Nut with any other coffee for flavor. See if you don't agree with more than a million homes that Butter-Nut has the truly rich, smooth quality you want. See if your very first sip doesn't make you an all-out Butter-Nut fan!

THE FARM FAVORITE!

The Heart of the Home

We can supply readers with free copies of the complete booklet, "The Heart of the Home," prepared by the American Heart Association. It includes work simplification, time and motion studies and many photographs taken inside the model kitchen built with the heart patient in mind. This kitchen is ideal for the well homemaker, too. It will give her the luxury of extra time and energy for other activities. Write for a free copy to the Home Service Editor, Kansas Farmer, Topeka.



Says handy Dry Yeast is her favorite

Wins Top Cooking Honors at Kansas Free Fair

Mrs. C. M. Handley of Topeka holds a full-time job, looks after her 3 teen-age children . . . and finds time to be a prize-winning cook as well! Just last fall she exhibited several of her special dishes at the Kansas Free Fair . . . and won 2 first prizes, 2 thirds, and a sweepstakes award. That fine record made her a top winner!

Whether preparing entries for the fair or fixing treats for her family, Mrs. Handley depends on Fleischmann's Active Dry Yeast—as so many prize-

winning cooks do. "This handy Dry Yeast is my favorite," she says. "It always rises fast."

Folks everywhere find that yeast-raised goodies are rich and delicious . . . nourishing, too! When you bake at home, use yeast. And use the one prize-winning cooks recommend—Fleischmann's Active Dry Yeast. It's completely dependable—gives you good results every time. This handy Dry Yeast dissolves in a jiffy and rises really fast. Why not buy a supply—it stays fresh for months!



Healthy Hens — More Eggs WITH A CONCRETE POULTRY HOUSE

For healthier and more productive flocks, build a concrete poultry house. Concrete has no crevices for lice and other parasites. It keeps out rats, weasels and vermin. It is easy to keep warm, clean and dry. Most important of all—concrete can't burn!

If you need help get in touch with a local concrete contractor, ready-mixed concrete producer or building material dealer. Send coupon for free booklet on concrete poultry houses. For information on other farm improvements, fill in blanks below.

PASTE COUPON ON BACK OF POSTCARD AND MAIL TODAY
PORTLAND CEMENT ASSOCIATION
 1627 Dierks Bldg., Kansas City 6, Mo.

A national organization to improve and extend the uses of portland cement and concrete . . . through scientific research and engineering field work

Please send booklets on concrete poultry houses and (list subject):

Name.....
 St. or R. No.....
 Post Office..... State.....

Thoughts TO LIVE BY

"On Doing What You Like"

SHE IS A MINISTER'S WIFE, and she doesn't like to go to church. My first reaction was one of disgust, but it changed to pity. When she married her husband, did she think only about his car and social position? Did she fail to consider his work and perhaps his family? Not enjoying church services, she is doomed to do what she doesn't like thruout the rest of her natural life. Very close to heaven, she is in a hell of her own making. Her experience made me aware of the many people who go thru life doing things they don't like to do.

There are a few, however, who can do what they selfishly please. Rich men's sons sometimes go thru life without learning the discipline of work. It is Florida in winter and the northern lakes or mountains in summer. Their program is play. The pursuit of pleasure takes all their time. But they are not happy. Unable to lose themselves in something greater than themselves, they frequently try to drown their boredom in liquor. The little girl in the progressive school was better able to cope with her problem, for she asked her teacher, "Must I do what I want to

do today?" In the Book of Judges we read, "In those days there was no king in Israel, every man did that which was right in his own eyes." Imagine, being able to do whatever one wants! But the result was chaos.

Of course, a person can learn to like to do what must be done. The most practical program is not to do what one likes but to learn to like what one does. Under social pressure, Tom Sawyer learned to like whitewashing the fence. So did those who came to sneer. They paid Tom for the privilege of doing this work.

Slaves and prisoners (those behind erroneous attitudes as well as iron bars) cannot do what they like, but free men normally do. In a contest between the affection and the will, the affection wins. John Ruskin said, "Tell me what you like, and I'll tell you what you are." Therefore, it is important that we learn to like the right thing.

St. Augustine set forth one of the most helpful formulas ever given to man: "Love God and do what you like." Only the person who likes the best can, in the long run, do what he likes.

—Larry Schwarz

Let's Take Another Good Look At What Candidates Are Saying

By CLIF STRATTON, Kansas Farmer's National Affairs Editor

NEXT PRESIDENT of the United States spoke at the farm plowing contest at Kasson, Minn., September 6. Gen. Dwight D. Eisenhower, GOP nominee, spoke at noon. Gov. Adlai E. Stevenson, Democrat candidate, spoke a few hours later. Barring their caustic references to the other fellow's positions and his platform farm planks, the general tenor of the 2 speeches was much the same.

Here are some of the things they said:

On price supports—
 General Eisenhower:

"And here and now, without any 'ifs' or 'buts' I say to you that I stand behind—and the Republican party stands behind—the price support laws now on the statute books. This includes the amendment to the basic farm act, passed by votes of both parties in Congress, to continue thru 1954 the price supports on basic commodities at 90 per cent of parity.

"We now have at least 2 years in which to plan ahead. . . . Our goal will be sound, farmer-run programs that safeguard agriculture—but do not regiment you, do not put the Federal Government in charge of your farms. . . . We must realize that no formula developed at any particular time is infallible. Conditions change. What counts is being prepared to do the right thing at the right time.

"I firmly believe that agriculture is entitled to a fair, full share of the national income and it must be a policy of Government to help agriculture achieve this goal in ways that minimize Government control and protect farmers' independence. . . .

"And a fair share is not merely 90 per cent of parity—but full parity." Later, at Rochester, Minn., the AP quoted the General as saying at a press conference, "The farmer is entitled to 100 per cent parity for his products."

Governor Stevenson:

"There should be no mystery about price supports. What our program does is to place a floor under our agricultural economy in order to protect the farmer against sudden and violent price changes. What it does is to maintain farm income—and the farmer's purchasing power—in those uneasy moments there is a temporary glut on the market, or real depression threatens. (Governor Stevenson recalled that he got his start in government service with the original AAA) I am thankful for AAA experience, because it showed me in a way I will never forget how bad conditions can get on our farms. I left AAA with the resolve that we as a people must never permit our farmers to undergo such want and privation again.

"By stabilizing farm income, our program maintains markets for the business man and the worker. The total effect, obviously, is to help stabilize the whole national economy at a high level of production and employment. . . .

"That is one reason why farm production has increased almost 50 per cent in the past 20 years. The support program thus helps to keep supply up with demand—and that is the way to keep prices from going up. . . . (No

(Continued on Page 29)

Stop That Fire!

Reduce threat of fire damage to farm buildings and property, and you'll stop many a fire before it starts. For tips, write us for a copy of "Your Farm and Fire Safety," just published by the National Board of Fire Underwriters. Address the Farm Service Editor, Kansas Farmer, Topeka, Kan. No charge.

KANSAS STATE UNIVERSITY LIBRARY

Stop Taking Harsh Drugs for Constipation

End chronic dosing! Regain normal regularity this all-vegetable way!

Taking harsh drugs for constipation can punish you brutally! Their cramps and griping disrupt normal bowel action, make you feel in need of repeated dosing.

When you occasionally feel constipated, get *gentle* but *sure* relief. Take Dr. Caldwell's Senna Laxative. It's *all-vegetable*. No salts, no harsh drugs. Dr. Caldwell's contains an extract of Senna, oldest and one of the finest *natural* laxatives known to medicine.

Gentle, effective relief

Pleasant, minty-flavored Dr. Caldwell's acts mildly, brings thorough relief *comfortably*. Helps you get regular, ends chronic dosing. Even relieves stomach sourness that irregularity often brings.

Try the new **25¢** size **Money back if not satisfied**
Mail bottle to Box 280, N. Y. 18, N. Y.

DR. CALDWELL'S SENNA LAXATIVE
Contained in pleasant-tasting Syrup Pepsin



"When you get to Kansas City, go to the Phillips ... a salesman always has to make a good impression!"

20 STORIES OF COMFORT
Rates from \$4.50

Personal To Women With Nagging Backache

Nagging backache, loss of pep and energy, headaches and dizziness may be due to slowdown of kidney function. Doctors say good kidney function is very important to good health. When some everyday condition, such as stress and strain, causes this important function to slow down, many folks suffer nagging backache—feel miserable. Minor bladder irritations due to cold or wrong diet may cause getting up nights or frequent passages. Don't neglect your kidneys if these conditions bother you. Try Doan's Pills—a mild diuretic. Used successfully by millions for over 50 years. It's amazing how many times Doan's give happy relief from these discomforts—help the 15 miles of kidney tubes and filters flush out waste. Get Doan's Pills today!

mention of war demands and war booms.)

"We are feeding 30 million more people than there were in our land in 1932; and we are giving the average American a far better diet. More than that, this better diet costs the average person no greater share of his income after taxes than it did in 1932. . . .

"I am not presuming for a moment to say that support at 90 per cent of parity is necessarily the permanent or only answer. . . . The price support program is doing a good job for the basic crops—corn, cotton, wheat, rice and the others—for which loan and storage operations are now in effect. The same protection could be accorded other storable commodities."

Both candidates promised to find "some way" of taking care also of perishable crops. The language was a little different but the thought was about the same—and not too precise.

About each other—

General Eisenhower (after promising more farmer control):

"Do you have a voice that carries weight with the Washington agricultural autocrats? Or should I say 'agricrats'? Do they listen to you? Do they welcome your farm organization leaders in their council? You know they don't. You've seen them grow cynical and arrogant. They've just been in power too long—far too long . . . a government agency spreading panic, using press, radio and speeches to paint a picture—a false picture—of the lack of storage space for grain.

"The facts now are well known—and here they are:

"1. The Eightieth Congress did not prevent the Commodity Credit Corporation from furnishing storage to farmers for their grain.

"2. There was no shortage of storage space.

"3. Contrary to the accusation, the Commodity Credit Corporation never has furnished storage to farmers. It hadn't before and it hasn't since.

"4. The Commodity Credit Corporation was selling its own grain bins as surplus at the very moment the Democrat candidate accused the Republicans of having 'stuck a pitchfork in the farmer's back.'

"Now, who actually stuck the pitchfork in your back? It was none other than the Democrat Administration itself! . . ."

Governor Stevenson:

"I am running on the Democratic platform. I believe it is a good platform. I believe its agricultural plank is clear, definite and sound. I can stand on it without squirming. I feel no need to modify this provision or that, to explain or to reinterpret, to dodge or to hedge. I observed this morning that General Eisenhower plowed under the Republican platform altogether.

"As you all know, the Chicago slaughter finally ended in a cease-fire agreement. According to that agreement—better known as the Republican platform—Republican policy is 'aimed'—that is their word—is aimed at parity levels. That phrase may have looked good in a smoke-filled room in Chicago. It isn't very clear here in the daylight in Minnesota. There is, and no one should know it better than my distinguished opponent, a vast difference between aiming at a target and hitting it.

"How good is their aim anyway? Their sights were a mile off in June this year when more than half the Republican members of the House of Representatives voted against the law that extended price support at 90 per cent parity thru 1954.

"If the Republican candidate says one thing, and the Republican platform says something else, and the Republican members of Congress say still others—how can anyone tell what a Republican administration would actually do in Washington?"

On State of the Union—

General Eisenhower:

"The supreme question before all of us today is that of peace. It is the question that grips the hearts of parents in every home. It is the question: What is going to happen to our boys? Will our boys be here to help us carry on? Or, will they be called to fight on some distant battlefield? . . .

"For myself, no matter what my future private or official status, I shall never cease working for a real, a lasting peace.

"But to achieve that peace we first must have sound plans for it. We must have leadership which inspires confidence. . . . There is just one sure guide toward peace: A strong, secure, solvent United States that can and will cooperate effectively with other friendly nations to establish and maintain peace."

Governor Stevenson:

"This nation faces a great and challenging future. . . .

"The past 20 years have established a framework of justice and equity within which the farmer can do his indispensable part for the greater strength and safety of our nation. Only in an atmosphere of growth and confidence can the farmer make his contribution to our nation, and our nation its necessary contribution to the world-wide fight for freedom.

"If I did not feel that the party which saw our needs and charted our course in the past is the best custodian of our future I would not be the Democratic candidate for President or here at this great day in Kasson asking not for your thanks, but for your confidence.

"And now let us get back to the plowing."

REPRESENT KANSAS IN U. S. FFA CONTEST



MOUNDRIDGE FFA livestock judging team will represent Kansas in a national contest in Kansas City, October 16. Left to right are: Gilbert Kaufman, Coach Richard Ramsdale, Nelson Galle, Glenn Walther and James Preheim, alternate. They recently won first in a state contest.

EASIEST RIDE EVER!



★ KNOEDLER exclusive ride control with combined spring-hydraulic shock absorber! Instantly adjusts to your weight. Universal Model (above) with portable, underseat tool boxes . . . also available with "slide-back adjustment." Low clearance model has "tilt-back" feature and furrow-leveling adjustment. Over 30 seat models for more than 100 different tractor makes and models.

Write today for free literature . . . name of nearest dealer.

Knoedler FARM TESTED PRODUCTS

Air Conditioned Pan Seat Cushions • Ball Bearing Spinners • MOR Tractor Platforms • Bruning Hydraulic Couplers • Front End Hitches • Portable Corn Belt Burr Mills • Corn Picker Safety Reverse Gears
KNOEDLER MANUFACTURERS, INC.
DEPARTMENT 704 STREATOR, ILLINOIS

WIND INSURANCE
FARMERS ALLIANCE INSURANCE COMPANY
ALLIANCE MUTUAL CASUALTY COMPANY
McPherson, Kansas

GOOD FARMERS



This FENCE-ROW Cutter Cuts Right Up to Obstacles . . . for Neater, Cleaner Farming

● Essential as your major implements, this original "Fence-Row" Weed Cutter mows everything from lawns to the toughest stands of bluegrass and light brush—effortlessly! Sweeps clean and close, within 1/4" of fence rows, buildings. Powerful 3 HP motor, optional forward drive. For neater farming, see your dealer, or write

Roof Welding Works PONTIAC 6, ILLINOIS

Grease 'em Better and Faster
with the **BATTERY-OPERATED Greasemaster**

check these features!



- ✓ Attaches to any vehicle battery.
- ✓ Automatic pressure switch controls any desired pressure setting up to 3,000 p.s.i.
- ✓ Twenty-five feet of high-pressure hose.
- ✓ Weighs approximately 40 lbs.—can be carried anywhere easily.

G & T INDUSTRIES
Dept. D
1428 BARWISE — WICHITA, KANSAS

NAME _____
ADDRESS _____
CITY _____ STATE _____
 Send me illustrated literature.
 Where is the nearest dealer?

Buy U. S. Savings Bonds



... When and Where You Want It!

Aluminum FLEX-O-SEAL
Portable Irrigation Pipe

This lightweight, easily-assembled irrigation pipe transports water to fields, orchards and pastures quickly and economically... reclaims poor acres, makes all your land more productive. Flexible, pressure-tight, coupling makes pipe adaptable to rolling ground without use of elbows or tees. This reduces friction-loss, saves wear on pumping equipment. Aluminum or Galvanized in 3, 4, 5, 6 or 8-inch diam. Write for FREE booklet and name of nearest dealer.

CHICAGO METAL MFG. CO.
3736 S. Rockwell St.
Chicago 32, Illinois

Your Best Crop Insurance...

MASTER MANURE HANDLER
for Speed • Capacity • Low Clearance • Easy Operation

You Can't Beat a **Jayhawk** HYDRAULIC LOADER

You handle a big load with Jayhawk's larger 48" combination scoop and manure fork... get a fast, equalized lift from its single precision machined cylinder. And the Jayhawk patented automatic load leveler balances the scoop at all heights, makes low clearance operation easy without spilling.

Simplified design, strong welded steel frame, works off most tractor built-in pumps. At Jayhawk dealer's or write direct for FREE CIRCULAR, low prices... today.



Easily attached to more than 70 Row Crop and Wide Tread Tractors

Bulldozer, Push-Off Stacker and Cotton Loader, Sweep-rake, Hay Crane and Snow Scoop attachments.

Long Tined Manure Fork 48" x 34" x 14". Available as standard equipment in place of combination scoop and manure fork, or as extra equipment.

THE WYATT MFG. CO., INC. JAYHAWK FARM IMPLEMENTS SINCE 1903
DEPT. L-543 SALINA, KANSAS

Income Increase of 25 Per Cent Already Realized on Gorges Farm

BETTER THAN 25 per cent more income is Carl Gorges' return for a complete program of soil conservation and good farming in Sedgwick county. So a large crowd, including the Secretary of Agriculture, turned out for a field day, September 12, to see how it is done.

"You are the trustees of your land. The way in which you handle your charge will affect not only yourself but everyone in the land," Secretary of Agriculture Charles Brannan said as he cited the service Mr. Gorges is doing not only himself but the people of his nation.

He brought this home by stating we now have farm land the size of an average city block per person for food production. We can't feed the world; in fact, we will need good husbandry to feed ourselves, but when we can aid others to wipe out their own poverty, then we are beginning to strike the greatest blow at Communism, the Secretary emphasized.

Looking to the future and feeding the "fifth plate" predicted at American dinner tables by 1975, he recalled a recent visit to Holland where he saw

farm land and four fifths of the farms are in Soil Conservation districts.

Msgr. George J. Hildner, of Missouri, nationally-known crusader for soil conservation practices, also praised the work done on the Gorges farm and challenged others to look to the future of their land, saying "our greatest benediction is our fertile soil."

Aerial views of the Gorges farm really gave visitors an impressive idea of what had taken place to bring it from burr land known generally as "poverty acres" to 44-bushel wheat land and better. Free airplane rides were provided by Flying Farmers and Wichita Junior Chamber of Commerce members attending the event.

Caught the Topsoil

Other examples of progress made were offered by fence posts Mr. Gorges set in 1927, 5 feet above ground. Today they are only 18 inches above soil level. Vegetation around the posts caught 3 1/2 feet of topsoil before field was terraced. No topsoil has been deposited there since terracing and contour farming were started, Mr. Gorges stated.

Several gullies that were impassable with machinery have since been filled and terraced to make single lands of highly-productive crop and grassland from many small eroded fields. This has all taken place in the 6-year period since conservation practices were started on the farm. At one spot, topsoil had been washing out onto a state highway and had to be hauled away.

Flumes Worth the Money

Attracting wide comment on the air tour were concrete flumes for terrace outlets, erected in 1948 of ready-mix concrete. The row of 8 flumes cost \$800 and Mr. Gorges says they are well worth the money.

Other conservation features in the complete farm program include farm pond, 2 large concrete overdrop structures, crop rotations, field and farmstead windbreaks, grassed waterways, fences and field divisions on terrace ridges.

Alfalfa is the principal legume crop used in rotation. One alfalfa field is over half a mile long on contour. Before, it would have been 5 fields.

Mr. Gorges' farm is 320 acres. Registered Cheviot sheep, and Angus cattle are part of the farm program. Pasture program designed for year-around use, weather permitting, includes brome and alfalfa, rye and vetch, Sudan, native pasture, and wheat pasture.

Chief sponsors were Sedgwick county SCS district, Louis B. Earle in charge, USCS, KFBI radio station, Mr. Gorges.

Kansas Poultryman Receives U. S. Award

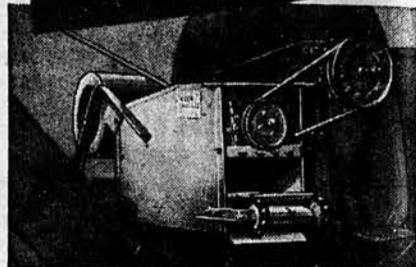
For outstanding poultry raising achievements, Roy W. Brillhart, Kansas City, has been selected as winner of "Man on the Farm Blue Ribbon Award," of the Quaker Oats Company, Chicago, Ill.

On September 6, on the company's "Man on the Farm" radio broadcast, a citation was read commending Mr. Brillhart for his quality work. He has been raising poultry since 1939. About half the eggs produced are sold at retail on an egg route. This fall, he is housing 1,900 pullets and will hold over 600 hens from current flock. He has 1,500 White Leghorns which have averaged more than 70 per cent egg production for the past year. They hit sustained winter peaks of 80 per cent.

Hold Turkey Talks

A series of one-day meetings are being sponsored by the Kansas Turkey Federation. Dates and places are: October 7, Marysville; October 8, Paola; October 9, Fredonia; October 10, McPherson. Meetings are open to all persons interested in turkey production.

Clean Corn



FOR MORE PROFIT!

COOK SHUCKER picking bed fits Case Model P, Case Model I (two row) New Idea No. 8—Farm Right Single Row and Semi-mounted Single Row Co-op. General Implement, Single Row. Be proud of your cribbed corn! Get the facts and complete information at once.

RUBBER HUSKER ROLLS
Minnesota Rubber Corded—for most makes of corn pickers.

COLUMBUS STEEL FABRICATING CORP.

Dept. KF-6 Columbus, Nebraska

Thru Sept., Oct., Nov. Only



TRADE-IN allowance on your old hydrant toward the purchase of a new ENTERPRISE NON-FREEZING GROUND HYDRANT

TODAY your old hydrant earns you \$4 toward purchase of the newest, finest. Operates valve — and drains — below frost line! All inside parts removable. Threaded 3/4" spout. Serves all outdoor needs. See your plumber, hardware or implement dealer today.

See the JK Non-Freezing Wall Faucets for homes, too! At your dealers or write THE JAMES KNIGHTS CO., Sandwich 10, Illinois

PLAGUED BY POULTRY DISEASES?
SEND FOR AUTHORITY HANDBOOK IT'S FREE
NEWCASTLE OR FOWL POX TRACHEITIS AND OTHER POULTRY HEALTH PROBLEMS
VINELAND POULTRY LABORATORIES

BUERKENS CORP.
(SINCE 1865 - FIRST IN HYDRAULIC UNLOADERS)

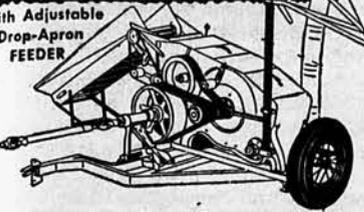
ALL PURPOSE WAGON BOX & HYDRAULIC UNLOADER
FINGER TIP CONTROL UNLOADS CHOPPED HAY, ENSILAGE, SMALL GRAIN, EAR CORN
FASTER AND EASIER
FOR THE FINEST ALL-AROUND UNLOADERS MADE TODAY—INSIST ON BUERKENS ORIGINAL DESIGN
SEE YOUR DEALER—WRITE FOR FREE FOLDER
BUERKENS CORP. SINCE 1865 PELLA, IOWA
DEALER INQUIRIES INVITED

EXTRA FARM PROFITS
KSILO KM
★ WATER-PROOF
★ FIRE-PROOF
★ VERMIN-PROOF
Manufactured by our NEW METHOD FOR GREATER STRENGTH — BEAUTY — DURABILITY.
Liberal Discount for early orders. Investigate our payment plan before you buy—monthly, quarterly or semi-annually.
Write for complete information
KANSAS-MISSOURI SILO CO.
624 East 7th St.
Topeka, Ks., Phone 2-2757

New BEAR CAT

COMBINATION
Grain and Roughage Mill
also Ensilage Cutter

with Adjustable
Drop-Apron
FEEDER



Trailer Mounted for Power Take-Off
Furnished either with or without drop apron feeder and power take-off with trailer as shown. Grinds any feed, green, wet, or dry, snapped or ear corn, roughage bundles or baled flakes, with ordinary farm tractor, and no monkey business. Has both cutter knives and heavy swing hammers. Get full information on this real honest-to-goodness Grinding outfit. Four sizes available.

..also a BEAR CAT Tractor Hoist

Better than a Hired Man



The handiest and most practical lift you have ever seen or used for dumping corn or grain wagons, unloading and loading machinery, pulling out fence posts, stretching wire, lifting heavy objects, and a thousand and one other farm jobs. Simple in construction, quick to attach and detach. For tractors equipped with hydraulic pumps. Light in weight, leave on tractor. Does not interfere with take-off drive or hitch.

For full information about either Bear-Cat product described here and name of dealer nearest you—Write us today. No obligation.

Western Land Roller Co., Dept. 132
Hastings, Nebraska—Manufacturers

MARKETING VIEWPOINT

LEONARD W. SCHRUBEN, Feed Grains
LAWRENCE VAN MEIR, Livestock

Do farmers usually sell wheat at harvest time or sometimes hold it until later for a higher bid?—J. E. K.

Action farmers take in disposing of their crop varies considerably from year to year, depending first upon general outlook for wheat prices, and second upon his own immediate needs for funds with which to operate his farm.

Generally speaking, farmers are inclined to hold their wheat for a later sale if the current market price is substantially below the price-support level established by the farm program. This year farm prices were considerably below the loan rate at harvest and it was anticipated many farmers would place their wheat under the price-support program and delay selling for some time.

What do you expect one will have to pay for feeder lambs this fall?—J. N.

As it appears now there is a possibility of some additional price increases in the feeder lamb market the next 2 months. Altho the spring lamb crop this year is 2 per cent larger than last year, the supply of feeder lambs will actually be somewhat smaller! The increase in lamb crop occurred in the native sheep states. The range states actually had a smaller lamb crop this year. The lamb crop in Texas, leading sheep state, was 10 per cent smaller than that of 1951. If rainfall produces good cereal pasture this fall, demand for feeder lambs may result in price increases amounting to \$1 to \$2.

COMING EVENTS

September 29—4-H Club Fat Stock Show, Wichita.

September 29-October 3—Sedgwick county, 4-H Fat Stock show, Wichita.

September 29-30—Washington county, foods unit lesson, with Mary Fletcher, KSC specialist.

September 30—Jefferson county-wide housing tour.

September 30—Osage county, home demonstration achievement day, Burlingame, high school.

September 30—Rawlins county, farm management outlook meeting.

October 1—Doniphan county, soil conservation field day, Highland, on Harvey Martin farm.

October 1—Greeley county, fall field day, Tribune Experiment Station, Tribune.

October 1-2—Finney county, district outlook school for agents, Garden City, Warren Hotel.

October 2—Thomas county, sorghum field day, Colby Experiment Station, Colby, 1 p. m.

October 3—Nemaha county, soil conservation day, Louis Bueising farm, 1 mile west, 3 1/2 miles south of Baileyville.

October 5-11—National fire prevention week.

October 6—Mitchell county, outlook meeting, Beloit.

October 7—Thomas county, district outlook meeting, Colby.

October 7—Rush county, land judging school.

October 7—Johnson county, clothing and textiles leader training meeting, "The Well Groomed Family," with Christine Wiggins, KSC, Olathe.

October 8—Hamilton county, fall outlook meeting.

October 8—Labette county, greener pastures recognition program banquet, Oswego Community Building, 7 p. m.

October 8-10—4-H Fat Stock Show, Wichita.

October 9—Crawford county dairy tour, with Ralph Bonewitz, KSC Extension dairyman.

October 9—Labette county beef tour.

October 9—Cheyenne county, land judging school.

October 9—Jewell county, fall field day, North-Central Experiment Field, Mankato.

October 10—Johnson county, farm buildings tour, with Leo Wendling and Raymond Everson, KSC specialists.

October 10—Republic county, fall field day, North-Central Experiment Field, Belleville.

October 10-12—Barber county, Medicine Lodge Indian Peace Treaty Pageant and Celebration, Medicine Lodge. This celebration is held every fifth year.

October 17—Finney county, Kansas and Oklahoma section of range management, Garden City.

October 17—Jefferson county, unit leaders lesson on "Music Appreciation."

October 18-25—American Royal Livestock Show, Kansas City.

October 20-24—40th National Safety Congress and Exposition of the National Safety Council, Chicago.

October 23—Washington county, planning farm windbreak plantings, with Paul Collins, KSC specialist.

October 23—Rawlins county, livestock and veterinary school.

October 23-November 1—National Apple Week.

October 27—Osage county, home economics advisory committee meeting.

October 28—Barton county annual Farm Bureau dinner meeting, Great Bend, St. Rose auditorium.

COMFORT HEATERS

T. M. REG.
U. S. PAT. NO. 2,452,834; 2,461,974
CANADIAN PAT. NO. 471,256



HAVE ALL 8 FEATURES WHY TAKE LESS THAN THE BEST?

1. Fold Down Windshield
2. Adjustable Side Wings
3. Adjustable Motor Panel
4. Removable Motor Panel
5. Custom Fit To Your Tractor
6. More Sturdily Built
7. Low Cost Replacement Parts
8. Full Accessory Line—Windshield Extensions, Back Panel and Cab Top optional at small extra cost.

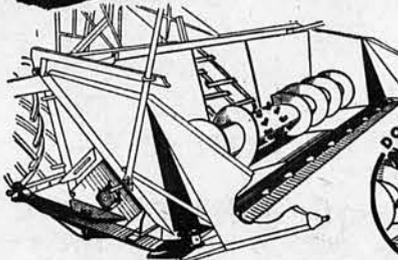
Keep warm on your tractor during these cold months with the finest tractor heater ever built. The COMFORT Heater is the only heater that gives you All 8 Features, instead of just one or two. Before you buy compare quality, fit, and appearance all 8 ways. If you want all that's coming to you in a tractor heater—you'll select The COMFORT Heater.

Most Dealers Have COMFORT Heaters Custom Fit To Your Model Tractor
Ask Your Dealer or Write Manufacturer For Details
COMFORT EQUIPMENT CO., 2609 P Walnut, Kansas City, Mo.

Have You Farm Machinery for Sale?

A Classified Ad in KANSAS FARMER will do the Job.
Classified Rate only 10c a word—12 words minimum.

MAIZE THE HESSTON SORGHUM ATTACHMENT WILL PAY YOUR HARVESTING COSTS WITH THE GRAIN YOU SAVE!



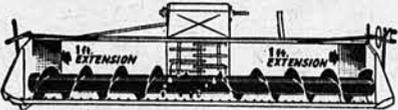
Tall and short stalks, thin or heavy yield, the Hesston Sorghum Attachment will eliminate cutter bar "slobber" and increase your harvest net profit.



This field-proved attachment extends the sickle head and upward six inches, providing ample space for tall stalks to fall into the trough and under the auger. The upward slant prevents heads from falling off in front of the sickle bar. Installation is simple . . . no cutting, welding or holes to drill. Engineered and precision-built to fit your combine.

AVAILABLE FOR . . .
Massey-Harris 10-, 12-, 14-, and 16-ft., McCormick-Deering 123-, 125 SP, and 127, Baldwin 12-ft., and SP, John Deere "55", Cockshutt 10-, 12-, and 15, Minneapolis-Moline G-3, G-4, 14-ft. SP, and Oliver 33.

14-FOOT PLATFORM EXTENSIONS with receding finger auger



Enables you to cut more acres per day with less effort. A field-proved attachment, 14-ft. fits all IHC SP and Case SP combines, 12-ft. fits MH-26 and 21 SP combines. Hesston Receding Finger Auger stops your platform feeding troubles. Hesston Receding Finger Auger can also be furnished for your original 12-ft. or 14-ft. combine. Easily installed.

You can cut more acres per day and save more grain per acre by replacing your straight or spike tooth rasps with Hesston V-Bars. They are non-slugging, give easier separation, smoother operation, even feeding, less straw chopping, plus savings in fuel.

HESSTON MFG. CO., 226 Kings Street, Hesston, Kansas

Send information on the following equipment (check which): Sorghum Attachment Platform Extension V-Bars Combine Unloading Auger Cylinder Adjustment Receding Finger Auger Balanced Grain Tank Auger Elevators Electric Lifts

NAME (Please Print) _____
TOWN _____ STATE _____
I OWN A _____ MAKE COMBINE _____

NEW MIGHTY FARM ChainSaw

- ★ DEVELOPS 5 HP.
- ★ WEIGHS ONLY 29 LBS.
- ★ MOST POWER PER POUND

There's never been a gasoline ChainSaw so light in weight that packed so much power. With new automatic chain oiler. Pin-point balance for easy, tireless operation. New die cast design eliminates needless weight and parts. For free tryout, see your Mall Dealer or write Office listed below.

Send for Free Booklet
"A Goldmine in Trees"
REVISED EDITION

MALL TOOL Company
Dept. 7745-A
DENVER 5, COLORADO
3601 Brighton Blvd.
KANSAS CITY 6E, MISSOURI
1401 E. Truman Rd.

Buy U. S. Savings Bonds



This man is about to make a good investment! He's going to buy an INTERLOCKING STAVE SILO. He'll cut his feed costs, produce better beef and have an investment that will pay for itself many times over in the years to come! Send for FREE folder TODAY!

NOW AVAILABLE
14-, 16-, and 18-foot Galvanized Iron Roofs
\$35 DOWN PAYMENT
INTERLOCKING STAVE SILO CO.
701 E. Murdock • Wichita, Kansas

I would like information on the following:

SILOS GRAIN AND INDUSTRIAL STORAGE SILAGE BLOWER
 VAN DALE SILO UNLOADER BEAR CAT 2-ROW FORAGE HARVESTER

NAME _____
ADDRESS _____
CITY _____ STATE _____

DR. SALSBU^R'S
Wormal
 (Pronounced WORM-ALL)



ONLY Flock WORMER

GETS ALL **3**

1-TAPEWORMS*
Large
 2-ROUNDWORMS
 3-CECAL WORMS

*Genus Raillietina

In Powder Form For Easy Mixing In The Feed

Won't Retard Growth

Won't Knock Egg Production

HIGH PALATABILITY Assures Adequate Dosage

WORM NOW... Before Housing Pullets and Older Birds!

You can lose extra egg money if you house your flock without worming. Buy safe, effective, low cost WORMAL now at your hatchery, drug or feed store. Packaged in sizes to fit your flock; 1 lb. treats 300 growing birds or 200 adult birds. Dr. Salsbury's Laboratories, Charles City, Iowa.

WORMAL removes all three types of worms—gives you all these benefits because it contains three highly effective, safe, compatible drugs! These include...

... DR. SALSBU^R'S New Exclusive Drug, Effective Against Tapeworms—

Butynorate

Discovered by DR. SALSBU^R'S Laboratories!
 A product of modern, scientific research.

Dr. SALSBU^R'S

MAKE A BIRTHDAY GIFT to Crippled Children
 The Capper Foundation for Crippled Children, Topeka, Kansas

CORNY but **TRUE!** HERE'S SOMETHING YOU DIDN'T KNOW ABOUT CORN ...



Corn derivatives are used in making chemicals, medicines, textiles, plastics, and explosives, and also help in digging oil wells, foundry work and mining.

TOPS for CROPS

--- AND HERE'S SOMETHING YOU SHOULD KNOW ABOUT CORN ---

Corn is your most important crop, too, not only does it feed your livestock, but it also is making America's agriculture and industry stronger. Research has made Steckley Hybrid corn tops in yield, under all type of soil and weather conditions. You are sure of big production, bigger profits, when you plant Steckley Hybrid seed corn. Reserve your supply for 1953 planting.

Additional dealers needed in Kansas, write
STECKLEY HYBRID CORN COMPANY
 2416 N Street, Lincoln, Nebraska



See your **Steckley** Dealer **NOW!**

Old Settlers Picnic

(Continued from Page 1)

Haskell event a picnic lunch is held both days and a picnic dinner the first night. Everybody brings their food but there is plenty of swapping and usually some group will offer ice cream for sale.

The Finney-Haskell picnic is highly organized. A board of directors consists of Vern Miller, Sublette; Sam Kells, Satanta; Fred Harms, Garden City; J. T. Lear, Garden City; Clarence Gigot, Garden City. Mrs. Vern Towns, Sublette, is secretary.

Money taken by collections each year was used several years ago to purchase a large tent. This tent is stored during winter with one of the directors and is brought out each summer for the big event. Under its protection picnic meals are eaten and musical and speaking programs held.

Altho emphasis is put on the word "old" in the name of the picnic, the program is designed for everyone with emphasis on youth.

Says Director Lear: "We have bicycle races, sack races, foot races, hoop rolling and other races for the young folks. Then we have barrel races for the horses, play polo on horseback using a ball and brooms, have cloverleaf races on horseback and maybe a few other things thought of on the spur of the moment.

"There is always a horseshoe pitch-

ing tournament for these who enjoy that sport and baseball games are arranged for both days.

"Under the big tent we have a variety of entertainment," he continues. "Each afternoon and evening we have home-talent programs of music and readings. There always is one speaker each day and one speech is always by a minister. This year it was the Reverend Howard Pennington, of the Sublette Christian church. The other speaker was Gervais Reed, publisher of the Garden City Daily Telegram. Clifford Hope, congressman from our district, and other nationally-known figures have appeared on our program thru the years."

Between 300 and 400 persons attended the first evening program this year. Hundreds more came and went during the 2 days, and if everyone didn't have a good time it was his fault. That's the way it is at an old settlers picnic.

Note: How old is your "Old Settlers" picnic? Please send the editor of Kansas Farmer names of other "Old Settlers" picnics held in Kansas each year. We hope to list all of them in these columns. Give name of picnic, where held, when held, when it was organized and anything of similar interest. Thank you.—R. H. G.

More Food From Grasslands

U. S. is host to Sixth International Grasslands Congress. Delegates gather to trade views on everything that has to do with grass and grassland farming—from seeds and seeding to meat and milk making.

By M. N. BEELER

PEOPLES of the free world held a clinic on grass, mankind's greatest gift, at Pennsylvania State College, August 17 to 23. Scientists from 48 nations came to swap knowledge and know-how, experience and experiments in making the world's greatest area of productive soil turn out more food. They talked for 6 days and much of 6 nights in a multitude of tongues. And still, so great is grass, they didn't get it all said.

From this exchange the 1,200 delegates and congress members learned that problems of grassland and grassland utilization are world wide. Most problems are common to all areas of

similar climate, longitude, latitude and elevation. No nation or continent has a monopoly on good pastures nor the methods of building them. No land is free of grassland problems. Everywhere grass has been abused and unwisely used. Everywhere its survival is threatened. And everywhere earnest men are working tirelessly to restore it, improve it and to save mankind from his folly in exploiting it.

The story of the fight for grass was about the same, regardless of the land from which it came or the tongue in which it was told. Grass is international. It knows no political or national

(Continued on Page 33)



DR. PHILIP V. CARDON, president of the 6th International Grassland Congress and chairman of the United States delegation, discusses some of the subjects with Said Kamal, of the Agricultural Research Station, West Pakistan; Mrs. Muhammed Ihsan-ur-Rehman Khan; J. R. Shairani, divisional forest officer of West Pakistan; and Muhammed Ihsan-ur-Rehman Khan, deputy conservator of forests, Punjab, Pakistan. They are some of the 1,200 delegates attending the congress from 53 countries to hear about problems of grassland farming all over the world.

boundaries. Neither do the diseases, insects, weeds and brush which afflict it. Soil erosion, overgrazing, poor land, poisonous plants, mineral shortages, trace element problems, organic matter exhaustion are not peculiar to the United States. All these facts were brought out in discussions at State College. The scientist from Pennsylvania, California, Montana, Missouri, Florida, Massachusetts, Oregon or Kansas recognized his own problems and his own achievements in the stories told by researchers from Pakistan, Italy, Sweden, New Zealand, Finland, India, Japan, Costa Rica, Denmark, Brazil, England, South Africa, Turkey, Cuba, Australia, Canada, Scotland, Egypt, Bolivia, Iraq, Mexico, Yugoslavia, Indonesia, Iran, Honduras or Greece.

Three Official Languages

And how did all these men and women of different nationalities, or different races and different tongues, understand what was said? Official languages of the congress were English, French and Spanish. Headphones were provided and simultaneous translations were made in the 3 languages as speeches were delivered and as the subjects were discussed. Anybody who could not understand or speak one of the official languages was provided an interpreter.

Work of the congress was done in 7 big general sessions, 37 sectional sessions, 8 field trips. Social events included an official reception by U. S. State Department, coffee hour and tea for women, travel pictures and lectures, and a dance. Busiest persons on the campus were farm press reporters who tried to see and hear everything.

What They Talked About

What did the delegates and members talk about? A list of the sectional sessions topics gives a general idea: Genetics and Breeding (of grasses and legumes); Improvement and Management of Pastures, Meadows and Turfs; Ecology and Physiology of Grasslands; Soil Management and Fertilization; Seed Production and Distribution; Soil and Water Conservation; Harvesting and Preservation of Forage; Use of Forage in Livestock Feeding; Machinery for Grassland Establishment and Fertilization; Experimental Procedure in Grassland Research; Improvement and Management of Tropical Grasslands; Weed and Insect Control in Forage Production; Techniques in Forage Plant Breeding; Harvesting and Processing Forage Seed; Development and Use of Machinery for Conditioning Forage in the Field Preparatory to Storage; Symposium on Drying Hay.

More than 70 manufacturers, industries, educational institutions, farm organizations and government agencies made exhibits. Machinery and equipment for brush removal, weed killing, stone removal, dirt moving, seedbed preparation, tillage, seed saving and cleaning, fertilizing, liming, seeding, forage harvest, processing, storing and feeding were exhibited on several acres at the end of the Penn State Stadium. Other exhibits of chemicals, fertilizers, educational material, seed treating, erosion control, building materials, were housed in various buildings on the campus.

Others Held Overseas

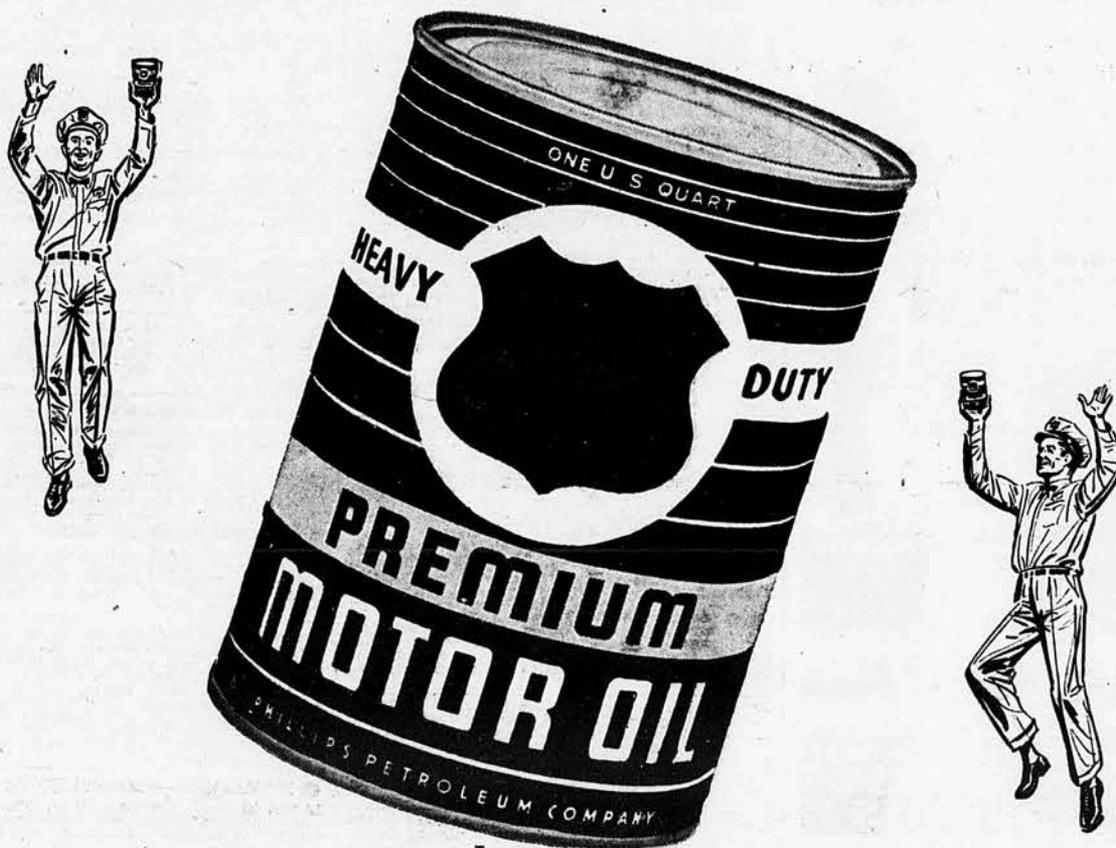
The meeting at Penn State was the 6th International Grasslands Conference. The first was held in Germany, 1927; second in Sweden and Denmark, 1934; third in Switzerland, 1934; fourth in Great Britain in 1937, and the fifth in the Netherlands, 1949.

Dr. Philip V. Cardon, USDA chairman of the organization committee, was elected president of the congress in the opening session. C. A. Volio, minister of agriculture, Costa Rica, was named vice-president. Will M. Myers, University of Minnesota, headed the 15-man program committee, and W. P. Chapline, USDA, was executive secretary of the organizing committee.

Four sectional tours were provided after the Congress, between August 24 and September 7, to Western, Southern, Midwest and New England areas of the United States.

Save on Oils and Greases

Use the Annual Phillips 66 Advance Order Plan!



HERE'S HOW THE PLAN WORKS: Order your Phillips 66 Motor Oils, Gear Oils, and Greases now. Set a delivery date before May 31, 1953.

The single delivery saves us time, trouble and handling expense. So we can offer you these special benefits:

- Money-Saving Discounts
- Discounts on Orders as Small as 15 Gallons
- Protection against Price Increases
- No Down Payment—No Cash Outlay
- The Products You Need When You Need Them

And most important, you get famous Phillips 66 Products . . . products you can depend on. You get Phillips 66 Heavy Duty Premium Motor Oil . . . the oil that's so good it actually surpasses manufacturers' recommendations for all makes of cars . . . an oil that's truly heavy duty so it will protect your truck and tractor, too.

See your Phillips 66 Tank Truck Driver. Get your order in and save on Phillips 66 Motor Oils, Gear Oils and Greases.

Livestock Profits Harder to Get?

... NOT WITH BIG 6 TRACE MINERAL SALT

Most grasses and home-grown grains no longer supply enough vital minerals for proper livestock feeding. That's why livestock suffer from depraved appetites, emaciation, slow gains, brittle bones, etc.—why your livestock profits are not what they might be.

YOUR LIVESTOCK NEED EXTRA MINERAL HELP!

BIG 6 has what it takes to raise thrifty, strong-boned profitable livestock—contains salt, cobalt, manganese, iron, copper and stabilized iodine. It's a low-cost way to safeguard livestock profits. Provide BIG 6 for all your livestock.

Available from most feed dealers in 50-lb. bags and 100-lb. bags.

AMERICAN SALT CORPORATION
20 West 9th Street Bldg., Kansas City 6, Mo.
Makers of REX Multi-Mineral Supplement with Salt, BIG 4 Iodized Mineral Supplement Salt

Buy U. S. Savings Bonds

PEERLESS Portable - Stationary ROLLER MILLS

CRIMPS-CRACKS All Feed Grains WITHOUT DUSTING

Giant 10-in. diameter Tuf-Cast, chromed rolls crimp or crack grains better, faster, with less power. 10 Portable and Stationary Models. PTO and V-Belt drive. Farm, Feeder and Mill sizes.

FREE LITERATURE - Gives full information, capacities and prices. Write to:

PEERLESS JOPLIN, MISSOURI Dept. 107

now! GREZALL

THE MIRACLE LUBRICANT THAT COSTS LESS BECAUSE IT LASTS LONGER

GREZALL STAYS PUT! WON'T WASH OUT! POUND OUT! MELT OUT!

GREZALL IS GUARANTEED TO LAST LONGER. IT PAYS FOR ITSELF. YOU MUST TRY IT TO BELIEVE IT.

WRITE NOW FOR FREE ONE POUND SAMPLE CAN AT NO OBLIGATION TO YOU.

TOWER OIL CO. 111 N. CANAL ST. CHICAGO 6, ILL.

No more daily greasing. Use GREZALL every three days. And be safe! Gentlemen: Please send me a FREE sample of GREZALL

NAME _____ ADDRESS _____ STATE _____

Classified Advertising Department

KANSAS FARMER Classified Advertising

WORD RATE
10c per word each issue.
Minimum—12 words.
Names and addresses are part of ad, thus are billed at per-word rate.
Livestock Ads Not Sold on a Per-Word Basis

DISPLAY RATE

Column Inches	Cost Per Issue	Column Inches	Cost Per Issue
1/2	\$4.90	2	\$19.60
Minimum—1/2-inch	9.80	3	29.40

Cuts are permitted only in Poultry, Baby Chicks, Livestock and Pet Stock Ads.
Write for special display requirements.
Kansas Farmer, Topeka, Kan.

● BABY CHICKS

DeForest Blueblood Chicks, broiler and egg breeds and crosses. Hatching year around. Broad-breasted Bronze, Beltsville White Poults, Guaranteed livability. DeForest Hatcheries, Box E, Peabody, Kan.

● FARMS—KANSAS

320 Acres, smooth upland, 9 miles Emporia, 120 plowed, balance pasture, 6 rooms, barn and other buildings. \$100.00 per acre. T. B. Godsey, Emporia, Kan.

● FARMS—MISCELLANEOUS

New Strout Catalog—Just Out! Farms, Homes, Auto Cts., Businesses, 31 States, Coast-to-Coast. Red Cover, over 3400 bargains. Mailed Free. World's Largest. Our 52nd year. Strout Realty, 20-V West 9th St., Kansas City 6, Mo.

● FARM EQUIPMENT

Booms All-Purpose Wagon Unloader. Inexpensive, easily attached to your present wagon. Unloads five tons in seven or fourteen minutes. Free literature. Booms Silo Co., Harbor Beach, Mich.

● MACHINERY AND PARTS

New and Used Tractor Parts. Write for big, free 1952 catalog; tremendous savings. Satisfaction guaranteed. Central Tractor Parts Co., Des Moines 3, Ia.

● LIVESTOCK ITEMS

Abortion, Mastitis, and other diseases. Full details—free literature. Money-saving prices on vaccines, bacterins, pharmaceuticals. Kansas City Vaccine Co., Dept. P, Kansas City, Mo.

● EDUCATIONAL—BOOKS

Missouri Auction School. Term soon. Free catalog. Dept. 22, 3241 Paseo, Kansas City, Mo.

● FOR THE TABLE

HONEY Mixed 60-lb. Can \$10.50

Extracted—Pure as bees can make it.
60-lb. Can Clover, FOB.....\$12.00
12-lb. Can Mixed (Postpaid to 600 mi.)... 3.85
12-lb. Can Mixed (Postpaid to 600 mi.)... 3.50

Order Promptly. Supply Limited
HAHN APRIARIES, 1715 Lane St., Topeka, Kan.

● DOGS

Rat Terrier Puppies. Bred for ratters. Crusaders Kennels, Stafford, Kan.

● RABBITS AND PIGEONS

Earn Up to \$400 monthly raising Angora or New Zealand Rabbits. Plenty markets. Particulars free. White's Rabbitry, Newark, O.

● PETS

Young Parrots—Make fine talkers. Reasonable price. Herb Miller, 1911-N, Lubbock, Tex.

● WANTED TO BUY

Cash Paid for many old articles you no longer need. Lists, bargains, 10c. Rebill, Manitowoc, Wis.

● FILMS AND PRINTS

20 DECKLEDGE REPRINTS 50c
6-8 Exposure roll developed and printed 25c; 12-exposure, 30c; Jumbo prints 4c each. Request complete prices.

● PHOTO CHRISTMAS CARDS

made from your negative, 16 cards and envelopes \$1.00. 100 for \$5.75. If you do not have the negative send your photo and 35c extra. Copy and 10 glossy bills from your photo 65c. 8-exposure rolls developed and printed 25c. Jumbo size 35c. Reprints negative size 3c each.

SUMMERS STUDIO, Unionville, Mo.

● SEEDS

New Early Pawnee Wheat, usually 4-6 days earlier than Pawnee. \$4 bu. bulk, \$4.15 sacked. Francis Raleigh, Clyde, Kansas.

● OF INTEREST TO WOMEN

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.

● FEATHERS WANTED

West Chicago Pays More: Get highest cash prices for your goose and duck feathers. Send sample for prices of used feathers. Free shipping tags. Prompt payment. Company highly rated. West Chicago Feather Company, Dept. C. G., 172 N. Aberdeen St., Chicago 7, Ill.

● REMEDIES—TREATMENTS

Latest Methods treating Piles, Fistula, Colon-Stomach disorders. Write for free book, McCleary Clinic and Hospital, E940 Excelsior Springs, Mo.

● FARMERS' COUNTY BUSINESSMEN AND FARMERS

showed enthusiastic support at annual 4-H livestock sale held at fairgrounds in St. Francis, August 28. An average of \$39 per hundredweight was paid for 27 baby heaves. Top price, \$51, was paid by Rieb Motor Co., St. Francis, to Marie Semler for her reserve grand champion calf. Grand champion steer, also showed by Miss Semler, wasn't sold, but was taken to later shows. Prices paid were uniform, with \$36 being low price of sale. Grand champion lamb, shown by Gary Wickwar, was bought by St. Francis Rotary Club, for \$67.50. Six lambs in sale averaged \$41.25.

● CHEYENNE COUNTY BUSINESSMEN AND FARMERS

showed enthusiastic support at annual 4-H livestock sale held at fairgrounds in St. Francis, August 28. An average of \$39 per hundredweight was paid for 27 baby heaves. Top price, \$51, was paid by Rieb Motor Co., St. Francis, to Marie Semler for her reserve grand champion calf. Grand champion steer, also showed by Miss Semler, wasn't sold, but was taken to later shows. Prices paid were uniform, with \$36 being low price of sale. Grand champion lamb, shown by Gary Wickwar, was bought by St. Francis Rotary Club, for \$67.50. Six lambs in sale averaged \$41.25.

● A LARGE CROWD ASSEMBLED AT THE LULL HEREFORD FARM

east of Smith Center for their dispersion sale of fine Hereford cattle on September 5. There was a strong demand for these cattle and bidding was rapid. There was a \$500 average

● ATTAINED: 30 BULLS SOLD FOR AN AVERAGE OF \$680

and 103 females sold for \$447. Top bull, Lot 3, WHR Pathway 23d, brought \$4,150 on bid of Jim Kruntorad, Pierce, Nebr. Top female, Lot 47, a cow and calf combination, totaled \$1,110. The cow (Battle Belle TTO 6th) bringing \$700 on bid of Hugh Cutshall, Herman, Nebr., and her bull calf by WHR Craftsman 28th brought \$410 and sold to Lloyd Jones, Wymore, Nebr. Col. Gene Watson and Freddie Chandler sold this fine offering, assisted by various men of the livestock presses.

TREND OF THE MARKETS

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

	Week Ago	Month Ago	Year Ago
Fed Steers	\$34.50	\$34.50	\$38.75
Hogs	21.50	20.50	21.00
Lambs	28.50	26.50	30.50
Hens, 4 to 5 lbs.	.42	.41	.25
Eggs, Standards	.70	.70	.53
Butterfat, No. 1	2.48	2.46	2.46
Wheat, No. 2, Hard	1.86	1.88	1.75
Corn, No. 2, Yellow	1.00	1.00	.91
Oats, No. 2, White	1.56	1.56	1.30
Barley, No. 2	36.00	36.00	35.00
Alfalfa, No. 1	30.00	30.00	21.00

BUY DIRECT FROM FACTORY AND SAVE

After 10 years of building Lawn Mowers, we have developed a sickle type mower that will cut fine grass or large weeds. Will cut grass as short as 1 in. Especially built for Cemeteries, Parks and Schools. Mower has I.H.C. Leapedezza guards and sickle, which gives double cutting capacity. Center drive on sickle permits close cutting around curbs and shrubbery. When answering this ad state type of mowing: Yards, Parks or Cemeteries.

SPECIFICATIONS
Width of Cut—36 in. Bearings—Timken. Power—3 H.P. Briggs & Stratton. Frame—Fabricated Electric Welded Steel. Differential—Auto Type Drives From Both Wheels. Drive—Standard Auto V-Belts. Gears—Machine Cut. Tires—400x8 Pneumatic. Self Propelled.

The F & H heavy duty 24" self-propelled rotary type lawn mower cuts fine grass or large weeds. Powered by a Briggs & Stratton 3 H.P. air-cooled engine. V-belt and roller chain drive. Thinkin bearing spindle. Electric welded steel frame. No castings to break. Auto type differential, pulls from both wheels. Foot proof V-belt clutch. All bearings and gears are unconditionally guaranteed for one year. Drive wheel 12"x3.00 semi-pneumatic puncture proof. Front wheel 10"x2.00. Two blades with each machine. One nut to remove to change blades. Satisfaction guaranteed. Manufacturers of Power Equipment

Foushee & Heckendorn
Cedar Point, Kans.

CUT FENCING COSTS

POST HOLE DIGGER

New, one man super-digger digs quick clean holes in any soil. Positive clutch control. Fits all tractors. Hardened steel gears. Full 48" augers in 6", 9" or 12". Replaceable tool steel cutting blades. Hillside adjustment. Patent fence guard. Saves time. Makes money.

WRITE FOR FREE FOLDER TODAY!

WINPOWER
NEWTON, IOWA

Ever-tite HAND HOIST
New "Double-Action" hand hoist cuts time and work 50%. Makes dump wagon out of any farm wagon. Raises up to 6,000 lbs. of grain, farm produce, etc., for unloading in a few minutes. Weighs 60 lbs., easy to move from one wagon to another. Many uses—raising poultry houses and other structures, logs, tractors or trucks for changing tires, pulling out posts, stretching fence wire. \$50.00. Order through your dealer or write for circular. Ever-Tite Mfg. Co., 415-17 Washington St., Davenport, Iowa.

In the Field

MIKE WILSON
TOPEKA, KANSAS
Livestock Editor

On September 3, 58 Herefords in the CHARLES & MARY DIXON production sale, at Leon, brought \$19,620, averaging \$338. Cattle were in pasture condition due to drought in this area. Eighteen bulls sold for an average of \$290; 40 females averaged \$360. Top bull was Lot 13, D Delson Rupert 3rd; sold for \$380 to L. A. Harper, Fall River. Top female was Lot 24, D Princess Rupert 3d with heifer calf at side; sold to Three H Farms, Belle Plaine, for \$600. W. H. Heldenbrand was auctioneer.

CHEYENNE COUNTY businessmen and farmers showed enthusiastic support at annual 4-H livestock sale held at fairgrounds in St. Francis, August 28. An average of \$39 per hundredweight was paid for 27 baby heaves. Top price, \$51, was paid by Rieb Motor Co., St. Francis, to Marie Semler for her reserve grand champion calf. Grand champion steer, also showed by Miss Semler, wasn't sold, but was taken to later shows. Prices paid were uniform, with \$36 being low price of sale. Grand champion lamb, shown by Gary Wickwar, was bought by St. Francis Rotary Club, for \$67.50. Six lambs in sale averaged \$41.25.

A large crowd assembled at the LULL HEREFORD FARM, east of Smith Center for their dispersion sale of fine Hereford cattle on September 5. There was a strong demand for these cattle and bidding was rapid. There was a \$500 average

Easiest, surest way in the world to KILL RATS AND MICE

BANARAT
—made with warfarin. BANARAT BITS, ready-to-use bite-size pellets with special appetizer—and BANARAT PREMIX concentrate. Made and guaranteed by American Scientific Labs., Madison 1, Wis.

Here lies A. RAT He fooled the cat, But fell in Love with BANARAT

How Is Your 'Phone Service

(Continued from Page 4)

\$36. "The new phones are better, if placed on metallicized lines," says Mr. Force. "but they are more simple than the old ones and actually require less material."

The last raise in rates granted to the Force Exchange was in October, 1950. At that time rates were raised from \$1.25 to \$1.75 a month for customers on grounded circuits. Since then, part of the lines have been metallicized and rates on metallic circuits were set at \$2.26 a month. These rates do not include taxes.

Grounded circuits are single-line circuits with a ground wire at the customer's home working as half the circuit. A metallic circuit is a 2-wire circuit from the exchange to the home of the customer. While metallic lines are free of noise, they double the miles of lines that must be maintained by the exchange.

Customers Are Mighty Fine

"It would take rates of \$3 a month or better to make our exchange a paying proposition with current costs," says Mr. Force. "For the present, at least, our customers prefer noisy phones to higher rates. The only thing that keeps us going is that our customers are such swell people. They know what our problems are and have been very patient with us."

Strangely enough, expansion of electricity, which has brought such a blessing to the farms of Kansas, is the one thing that makes it toughest on the small telephone exchange. The reason is that the old grounded-circuit telephones pick up all the noise from grounded electric lines.

When electric lines first started expanding along existing telephone lines the power companies used an ungrounded line. The law also provided that where they interfered with existing telephone lines they must move those lines out of the way or pay the cost of moving. Then when REA came and the idea was to get the quickest possible expansion of electricity to farms, the Kansas Corporation Commission ruled that telephone lines should be metallicized at telephone company expense to overcome noise on the lines. Because grounded electric lines were cheaper to build, REA and the power companies now build grounded lines. However, grounded lines make much more interference on the old-style grounded circuits.

Power company officials say if the telephone company lines are metallicized and there still is interference from the electric lines, then the power company or REA must fix it.

How It Started

The Wheaton exchange started out as part of the Mid-West States Utility. Mr. Force bought it from them, ran it several years, then sold to the Kansas Telephone Co., which operated exchanges in Corning, Circleville and Wheaton, with headquarters in Topeka. Mr. Force stayed on as an employee of the Kansas Telephone Co.

"These small rural exchanges never did pay out for the Kansas Telephone Co.," says Mr. Force, "because they had too much office overhead expense in Topeka and no large town exchanges in the system to take up the slack. I finally bought all 3 exchanges from them in 1939 and resold the Corning and Circleville exchanges to individuals."

"At one time our Wheaton exchange had 235 phones. Then it dropped down to as low as 140. Now the average runs around 200 phones." There are 2 metallic circuits between Wheaton and Blaine and the rest are grounded circuits. Mr. Force has 180 miles of telephone lines to maintain.

One woman operator is hired for 6 hours each day. Mr. and Mrs. Force take over the other 18 hours. "Which means we can't often go anywhere together," says Mrs. Force. She has been teaming with Mr. Force on the board for 27 years and would really miss doing it if they should ever quit.

"I'm one of these buttinsky operators," laughs Mrs. Force. "If I hear someone talking and have information I think they ought to have I just tell them. Often it saves them a trip somewhere."

The Congregational Church, of which they are members, depends almost entirely on Mr. and Mrs. Force to do the calling for all church meetings. Because they know everyone in the community the Forces also are a source of information about all the sick folks, what events are taking place, and just about everything that goes on. Mr. Force also happens to be the local weather observer so has information available.

The Other Way Around

A lot of business men take their business profits to get into the farming business. With Mr. Force the shoe is sometimes on the other foot. "My cattle and hogs are all that keep me in the telephone business some years," he laughs.

"If worst comes to worst I can always make a living with my livestock," he says.

Telling his troubles in trying to maintain his little rural exchange, Mr. Force is not looking for sympathy. His years in the business have been good years. Money made in the past has been invested in property—both town and country—he will "get along."

But the situation at Wheaton is typical of what is taking place in many small rural telephone exchanges. What is their future and what will farmers in those areas do for phone service if they fold up?

We asked Mr. Force if he could get a government loan to modernize his lines. "Yes," he answered, "but they tell you how to build your lines, what equipment to install (dial phones are required) and then want to run your business after you finish. Whenever I can't run my own business I'll get out."

At present Mr. Force, and many like him, see no silver lining to the dark cloud hovering over them. Some of these small exchanges undoubtedly will go out of business if things continue to get tougher. What are those rural communities going to do when that time comes? In the next issue of *Kansas Farmer* we will tell you exactly how one small rural community restored telephone service after having been without it almost a year.

Study Kansas Farming

Kansas agriculture came in for a week's study recently by farm officials from Pakistan and the Philippines. Wheat crop estimating procedure and soil-moisture testing were studied. The Pakistan officials were here under America's Point Four program.

SELECTED AS CAPITAL

Topeka was selected as the State Capital in an election held in November, 1861, winning over Lawrence by some 2,700 votes. Bitter struggle had attended the location of the territorial Capital. It had, in turn, been established at Fort Leavenworth, Shawnee Mission, Pawnee, back to Shawnee Mission, for a brief period at Minneola and finally Lecompton.

ELECTRIC FARMER

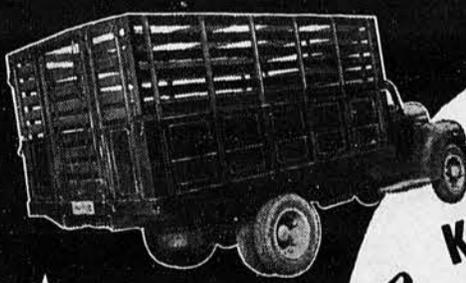
DEMPSTER WATER SYSTEM

Gives you plenty of water under pressure for your kitchen, bathroom, barnyard, feedlot and milking shed. This means endless hours saved, better production, faster weight gains on livestock. With a Dempster Water System a whole new list of farm and home appliances are at your command—such as hot water, milking machines, automatic stock waterers, dishwashers and laundry washers . . . freeing you and your family for more valuable work than hauling and heating water.

It Costs So Little for So Much!

See your Dempster dealer today—you'll be amazed at the low cost of installing a Dempster Water System. Or write us for the FREE BOOK — "RUNNING WATER."

DEMPSTER MILL MFG. CO.
Beatrice, Nebraska



MADE OF STEEL

KNAPHEIDE America's Leading FARM TRUCK BODIES

★ Pace setters for over 100 years in the development of better farm hauling equipment.

KNAPHEIDE

Value-wise farmers all over America are choosing Knapheide combination grain and livestock bodies. Ten times as many are in use today as five years ago. Dependable Knapheide bodies are engineered for tough farm jobs—with high tensile steel, grain sides, understructure, and all-welded platform. Knapheide bodies give long years of repair-free service—hold larger pay loads, offer more time and money saving conveniences.

THE KNAPHEIDE MFG. CO., QUINCY, ILLINOIS

Here Are Your Nearby Knapheide Distributors
O. J. WATSON CO., 2115-2117 Broadway, Wichita 4, Kansas
SCHERER MFG. CO., 1100 S. Mill St., Kansas City, Kansas

NCK HEREFORD SHOW & SALE FRIDAY, OCTOBER 3RD Belleville, Kansas

at the NCK Fairgrounds

55 REGISTERED HEREFORDS 55



37 Bulls—All Ages

You will find some real herd sire prospects.

18 Females

Bred and Open Heifers and Cows with Calves

Judging at 9:30 A. M.—Prof. F. W. Bell, Judge
Sale at 12:30 P. M.—Gene Watson, Auctioneer

Sponsored by the North Central Kansas Hereford Association

CONSIGNORS TO NCK HEREFORD SALE

ARTHUR A. AKSAMIT, Washington
ROSS BLAKE, Oak Hill
FRANK BROKESH, Munden
L. W. CHRISTENSON & SONS, Concordia
FRANKLIN FILINGER, Jr., Cuba
MERVIN A. HAYDON, Concordia
PAUL HANDLEY, Narika
WALTER L. HADLEY, Fortis
ELMER L. JOHNSON, Smolen
EINAR L. JOHNSON, Smolen
WALTER J. JOHNSON, Gayford
L. A. LOHRENGEL, Washington
LAURENCE OLSON, Kackley

FRED OSTERRAMP, Waterville
ELMER E. PETERSON & SON, Marysville
REECE BROS., Salina
LEWIS A. RIZEK, Munden
CHARLES RIZEK, Munden
JOHN C. SELL, Chester, Nebr.
STANLOT ACRES, Belleville
WARREN ST. PIERRE, Ames
CARL M. SWENSON, Concordia
EMIL L. SWENSON, Concordia
HAROLD SWENSON & SON, Ames
T. L. WELSH, Abilene
J. S. WHELAN, Concordia

Special meeting of great interest to all cattlemen at 7:30 p. m., Belleville Legion Hall on October 2. Speaker will be R. J. Doll, Federal Reserve Bank, Kansas City, who will talk on the Beef Cattle Outlook. Plan to attend.

For catalog and sale information write to

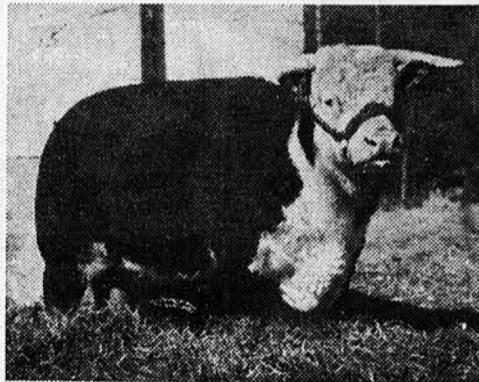
Geo. C. Wreath, Sec.-Treas., Belleville, Kan.

Attend the Wendell Intermill Sale at Mankato, on October 2nd
Mike Wilson for Kansas Farmer

2nd HEREFORD PRODUCTION SALE

at Longview Farm

**Lee's Summit, Missouri
Monday, October 6 at 1 P.M.**



WHR HELMSMAN 4TH

SELLING 60 LOTS — 10 BULLS AND 50 FEMALES

Featuring the WHR Helmsman 4th (pictured here). 70 per cent of the offering will be sons, daughters, grandsons and granddaughters of this bull. **BULLS**—All service age. **FEMALES**—All bred or with calves at side. You will like the sires these females are bred to and they will all be on exhibit sale day.

A Sound Offering of High Quality — Sold in Good Breeding Condition
Lunch served by ladies of the Longview Chapel.

For sale catalog write to

LONGVIEW FARM, Lee's Summit, Mo.

Roy Buell, Cattle Superintendent Russell Parker, General Manager
SALE CIRCUIT
October 6—Longview Farm, Lee's Summit, Mo. October 7—Bliss-Flinn, Garden City, Mo.
October 8—Wm. Hargis, Belton, Mo.
Auctioneer: Jewett Fulkerson, Liberty, Mo.

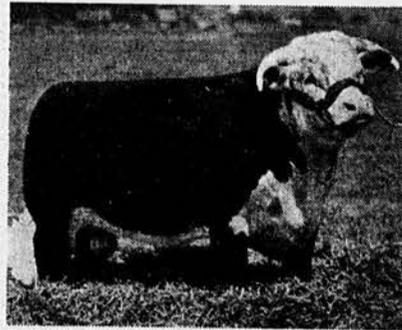
Bliss-Flinn Herefords

Sell Tuesday

OCTOBER 7

One of the sales you will not want to miss in fall sale circuit.

Sale at the farm 3 miles south of
Garden City, Mo.



WHR HELMSMAN 133d
We are proud to offer the offspring and service of a bull like "the 133d." Why not visit the farm and see this son of WHR Proud Princeps 9th, and the four other reference sires.



TT ROYAL PLUS 9th
This reference bull formerly was owned by Honey Creek that purchased him at the top price of the 1947 National Western. He was outstanding in their herd and we offer his service in our sale.

(Take highway 71 south from Kansas City, Mo. Follow highway 55 miles southeast to 3 miles south of Harrisonville, Mo. Take 35 highway to Garden City, Mo. Then south 3 miles on Cass county road F.

SELLING 119 LOTS

With the variety of Registered Herefords offered we are sure we can fill your requirements in this auction: Selling 15 Bulls of which 10 are serviceable age. 1 outstanding 2-year-old Bull. 65 Bred Cows and Heifers. 14 Cows with calves at foot and rebred. 25 1951 Heifer Calves.

NOTE—We feature the get and service of WHR Helmsman 133d (pictured here), BF True Omward 8th, MH Royal Tredway 133d and the service of CA Larry Domino 32d and TT Royal Plus Domino 9th (pictured here). This sale features Intense WHR breeding.

BREEDERS, THIS IS YOUR OPPORTUNITY to add top replacements to your herd—or to buy breeding stock to found a purebred program. This is predominantly a sale of females—calves, heifers and producing cows. The cows have proved good producers and they are mostly young, a few seven years old or older. They have the desired bloodlines—strongly WHR and Super Anxiety 5th.

**AUCTIONEERS: JEWETT FULKERSON and W. H. HELDENBRAND
MARK DEMPSEY WITH KANSAS FARMER**

For Catalog, write:

BLISS-FLINN HEREFORDS, Garden City, Mo.

Attend these sales:

Oct. 6—Longview Farms, Lee's Summit, Mo.
Oct. 7—Bliss-Flinn Herefords, Garden City, Mo.
Oct. 8—Hargis Polled Herefords, Belton, Mo.

HEREFORD HERD REDUCTION SALE



**Sept. 29, 1952
Marysville, Kan.**

Selling 101 Head

25 Bulls, including bulls of serviceable age as well as a number of top calf prospects.

You will want to look them over September 29.

86 Females

A large selection of top breeding matrons from our cow herd are being sold because of drouth conditions. Bloodlines are predominantly of Real Prince ancestry. Some excellent bred and open heifers are included in the offering, and there are a few select open Polled heifers.

The bulls represented are Super Larry D. 95th; CK Crusty 70th, by the Register of Merit CK Crusier D. 34th and CK Royal Duke 3d, his get and service will be a feature of the sale.

There will be several outstanding 4-H Club prospects sold.

For catalog write

**JOHN W SPENCER, Whiting, Kansas, STRAIGHT CREEK FARMS
Freddie Chandler, Auctioneer Mike Wilson for Kansas Farmer**

ANNOUNCING OVERSTREET'S

HEREFORD LARRY CALF SALE EUREKA, KANSAS, OCTOBER 16, 1952



Featuring MW Prince Larry 12 Vagabond Larry full brothers, sons of MW Larry Domino 37, Denver champion, and highest Register-of-Merit son of Larry Domino 50th. 30 Larry heifers. 20 Larry bulls. 10 cows with Larry calves.

J. R. OVERSTREET, Newton, Kansas

Gene Watson, Auctioneer

Mike Wilson for Kansas Farmer

Entire Polled Hereford Herd Dispersal



Sale held at farm at west edge of

Belton, Missouri

On Wednesday, October 8

(Belton is on highway 71 just 19 miles south of Kansas City, Mo.)

80 Lots Selling

- 40 Polled Cows with Calves, many bred back**
- 20 Polled Cows and Heifers**
- 20 Horned Cows and Heifers**

These are big, smooth, good-doing cattle. They are of desirable type and the kind that are easy feeders. It is a practical, working herd that has been a profitable herd for several years.

7 Yearling Bulls, all of Polled breeding.

Featuring the Get and Service of CMR Advance Domino 128th He was the 2nd top bull the 50th Anniversary Polled Hereford Sale, Kansas City, Mo., November, 1950. Sold for \$6,000. This bull sells. 10 Heifers will be bred to E. F. President Advance Plato. (Also selling.) His sire is President Advance Domino; Dam, Miss Plato 32nd by Real Plato 15th. These two herd sires are guaranteed breeders.

If you are interested in practical, money making Polled Herefords, come see what we have to offer. Inspection of herd invited previous to sale day.

For sale catalog write to

W. H. HARGIS, Benton, Missouri

Auct.: Jewett Fulkerson, Liberty, Mo. Mark Dempsey with Kan. Farmer SALE CIRCUIT—October 6, Longview Farm, Lee's Summit, Mo.—October 7—Bliss-Flinn, Garden City, Mo.—W. H. Hargis, Belton, Mo.

54 Head of Horned and Polled Herefords

At Auction

October 6, 1952

Superior, Nebraska



9 Bulls of serviceable age sell by N. Mischief. This 3-year-old polled bull was bred by Goernandts Bros., Ames, Kan. He is a 100% de-horner and the first two of his calves sold, stood at the head of their classes in the November, 1951, Midwest Polled Hereford Association Show and Sale at Deshler, Nebr. One 3-year-old horned bull out of a daughter of Modest Lamplighter, by a son of WHR Craftsman 28th. Most of the females are bred to this good young bull. One 2-year-old horned bull. One yearling bull. Five yearling polled bulls. Two polled bull calves dropped early in December, 1951. Nine early spring and summer bull calves, some will sell off the cow. Some will sell with the dams. Three 8-year-old cows sell. The others are from 6-year-olds down to calves, mostly of Mousel Bros. and WHR breeding. These cows will be in good thrifty condition, right out of the pasture. They should go out and do all right in the herds of their new owners. Most of the females are horned. Here is an excellent opportunity to add top females to your herd. All are herd improvers and should please the most discriminating Hereford breeder.

HILAND STOCK FARMS

Melvin and Mary Schiermeyer, Superior, Nebr.
Freddie Chandler, Auctioneer Mike Wilson for Kansas Farmer



SALINA HEREFORD FEEDER CALF SALE

WEDNESDAY 1,000
OCT. 1 Calves Sell
Starting at 12:30 P. M.

At Beverly Stockyards, Salina, Kan.

Over 1,000 head of the best feeder calves in Kansas and neighboring states will sell in groups of 10 or a carload. 50 selected calves will sell individually for 4-H Club work.

The calves will be judged before the sale.

IT PAYS TO HANDLE QUALITY NOW MORE THAN EVER

GENE SUNDGREN, Sales Manager

P. O. Box 144 Salina Phone 7-2848 Kansas

BLACKRIDGE — SUN-UP FARMS "Pasture to Profit" ANGUS SALE



Saturday
September 27
Smithville, Mo.

AT THE MILLER FARM, 19 MILES NORTH OF KANSAS CITY

Daughters and granddaughters of 2 great herd sires, Eileenmere 487th and Homeplace Eileenmere 34th. This offering includes 30 Open Heifers sired by sons or grandsons of Eileenmere 487th. 35 Cows with calves or close to calving from Homeplace Eileenmere 34th, Eileenmere J. 7th, a top son of Eileenmere 711th, Eileenmeer 500th of Sun-Up, by Eileenmere 1070th, a full brother to Eileenmere 500th. 10 Bulls ready for service. 2 by Homeplace Eileenmere 34th. 1 by Eileenmere 638th, and 7 by Eileenmere J. 7th. Families represented are Maid of Bummers, Miss Burgess, McHenry Barbara, Cridlan Evergreen, Miss Burgess, Blackcap, Blackbird, Erica and Queen Mother.

For catalog either

Blackridge Stock Farms, Everest, Kan., Wayne Ukena, Owner, or Sun-Up Farms, Smithville, Mo., David & Margaret Miller, Owners

Roy Johnston, Auctioneer Mike Wilson for Kansas Farmer



Be Sure to Attend the
Salina Registered Hereford Heifer Sale
WED., SEPT. 24

At 1:00 p.m.

200 BRED AND OPEN HEIFERS SELL
At Beverly Stockyards, Salina, Kan.

Here is your opportunity to get a selection of heifers consigned by some of the best herds in Kansas and neighboring states. Many of these heifers are bred or have their first calves. They are of top breeding and well grown out. Seldom can you select from so many to get your replacement heifers or the start of a registered herd. On October 1 will be our first Hereford Feeder Calf Sale. 50 selected calves will sell individually for 4-H projects. Over 1000 head of the best feeder calves in Kansas and neighboring states will sell in groups of 10 and in carloads.

Write for catalog

Gene Sundgren, Sales Manager

P. O. Box 144 Salina Phone 7-2848 Kansas

October 9th, Kinsley, Kansas

Kinsley Sales Barn — Sale at 1:00 o'clock
Guy Chapin Disposal Sale of

50 Head of Registered Shorthorns

and Robert J. Crockett & Sons

Reduction Sale of 25 Head



Featuring the bloodlines of Hillcroft Victory, Maxwalton Harvester, Edellyn Campeon Mercury, Duke of Killearn, Royal Favorite, Pittodrie Upright, Kelbutn Bugler and College Premier.

Write for catalog:

GUY CHAPIN, Kinsley, Kansas

140 Head of the Type HEREFORDS That Made Kansas' Flint Hills Famous, SELL

Thursday, October 9

at the Ranch

STARTING AT 12 NOON

PAXICO, KANSAS



JO ROYAL DOMINO 59

- | | | |
|-----------------------------|---|---|
| Baca R. Domino 7
4071319 | OJR Royal Domino 10
2893596
Baca M. Reality 44
3406165 | WHR Royal Dom. 51
WHR Donna Dom. 63
WHR Reality 13
Lady Domino C. 51 |
| Real's Lady 13
3474907 | Real Prince D. 13
2456804
Miss Jr. Domino 1
2915426 | Real Prince Dom. 33
Lena Domino
O. Prince Dom. Jr.
Malena Mischief |

Including 110 Registered Hereford
20 outstanding commercial Heifers. 10 top 4-H Club Steers. The sale features the get and service of JO Royal Domino 59th (pictured) and Real Nuggett 89th has 6 sons, 11 grandsons, 34 daughters and 26 granddaughters selling.

The get of this bull are noted for having good type, good heads, with size enough to suit commercial cattlemen and they are all good, mellow, yellow-coated cattle. This famed old bull was in active service in our herd until he was 14 years old. BWF Duke Pride is a three-quarter brother to the top-selling bull in the L. L. Jones & Son Sale, selling at \$15,100. He is also by the same sire that sired the record top-selling bull (\$15,000) at the 1951 Sunflower Futurity, and the top-selling bulls at the 1949 and 1950 Sunflower Futurity Sales.

Write for catalog to

BELLYACRES RANCH

BILL TRUE, Owner, Paxico, Kansas

Gene Watson, Auctioneer

Mike Wilson for Kansas Farmer

Reduction Sale of Intermill's HEREFORDS



October 2

MANKATO, KANSAS

(Sale to be held at Sales Pavilion.)

15 Bulls including UUU Impression 2 by WHR Helmsman 18, dam by WHR Adventure 17 and 14 of his sons 12 to 14 mos. old. These bulls are well developed. Most of their dams are by WHR True Mold 25.

35 Females—10 with calves at side and balance will calve in early spring by UUU Impression 2.

Most of the cows are daughters of our former herd sire WHR True Mold 25.

For catalogs write

WENDELL INTERMILL, Mankato, Kansas

Attend the NCK Hereford Sale at Belleville, on October 3

Gene Watson, Auctioneer

FOR SALE

REG. ANGUS BULLS

Twelve to seventeen months old.

DAVIS AND JENNINGS, Olpe, Kan.

REG. HEREFORD BULLS

10 to 18 months old. Sired by: GJR Juniter Star 12th, Domino Lad KTO 11th and F. Elation 22. Top range and herd bull prospects.

WAITE BROS., Winfield, Kansas

Beef CATTLE

REG. ANGUS Cows and Heifers for sale. Bred to or sired by Tri R Prince Eric a good breeding grandson of Prince Eric of Sunbeam. CHESTNUT & RAILSBACK, Quinter, Kansas

Sunflower Farms ANGUS



Herd Sires:
Ever Prince Revolution 2nd
Homeplace Eileenmere 304th.
Ever Prince of Sunflower.

Cattle of both sexes for sale at all times. We have bred and sold some of the top winners and selling cattle at the larger shows and sales throughout the country. When in need of good breeding stock pay us a visit.

Sunflower Farms, Everest, Kansas

Jim. Keith and Bob Swartz, Owners

Hereford Dispersion

Lake City, Kansas

SEPTEMBER 30, 1952

250 HEAD

Offering includes 2 herd bulls WHR Symbol 20th by WHR Helmsman 3rd. And SR Larry Domino 43 by MW Larry Domino 67th. Also 37 serviceable-age bulls, 123 cows with calves, bred cows and bred heifers, 88 calves most of which are old enough to wean.

Offering includes Silver Domino, Real Domino, Larry Domino and WHR bloodlines.

Write for catalog

GEO. L. FRITZ

LAKE CITY, KANSAS

FREE CATTLE BOOK



50 pages of profitable suggestions and interesting pictures on selecting, breeding, fitting and showing Angus... absolutely free to you. Ask for "Cattle Raising at its Best." Put your name and address on a card, and send now to

AMERICAN ANGUS ASSOCIATION
CHICAGO 9, ILLINOIS

2,000 Feeder Calves For Sale

Friday, Oct. 3, 1952

Sale starts 10 A. M. sharp.

Herington Livestock Auction Co.

Herington, Kansas

For information call:

C. C. Wendt, Phone 316

M. F. Bevan, Phone 120

HERINGTON, KANSAS

HOGS

Berkshire Hogs Increase Net Profits
Leading meat-type breed, best foragers, prolific. Write for magazine, literature and list of nearby breeders.

AMERICAN BERKSHIRE ASSOCIATION
601-M West Monroe, Springfield, Illinois

OUR ANNUAL FALL SALE OF CHESTER WHITE HOGS OF OCTOBER 6

HAS BEEN CANCELED
We are now offering spring boars at private treaty. These boars are of our usual good kind. They are well developed, well grown, good sound legged, smooth and correct type.

ROY KOCH, Bremen, Kansas

Kansas Duroc Breeders Annual Registered

Boar and Gilt Sale

Friday, October 3, 1952
4-H Barn, Free Fairgrounds
Topeka, Kansas

26 breeders thruout the state are consigning their top hogs.
26 Top Quality Boars
and
30 Outstanding Gilts

Show at 10 A. M.—Sale at 1 P. M.

For catalog write

DEAN BELL, Secretary

Lebanon, Kansas

Col. Bert Powell, Auctioneer

Don Washburn, Duroc News Fieldman

HOGS

FOR SALE—200 head medium
DUROC BOARS and GILTS
Willard Waldo, DeWitt, Nebraska

Boar & Gilt Sale

THURSDAY

October 16, 1952

Spotted Polands at 1:00 P. M.

Durocs at 7:30 P. M.

FAIRGROUNDS

Fairbury, Nebraska

WAYNE L. DAVIS

Mahaska, Kansas

VERN HARDENBERGER

Narka, Kansas

Show Window Event for
Kansas Durocs

Boar and Gilt Sale

at Farm, 1:30 P. M.

Americus, Kansas

Sat., October 11, 1952

Entire offering sired by Master Constructive \$1,900 Illinois junior and reserve grand champion of 1949, responsible for top bred gilt of breed, spring 1950, sired the \$1,000 champion boar of Minnesota 1950. New breeding, a clean healthy herd. Send for catalog.

A buyers opportunity.

Willis Huston, Americus, Kan.

PUREBRED REGISTERED HAMPSHIRE

Bred and Open Gilts. A few very good boars. Cholera immune and very good blood. Priced right.

JOHN GAREIS & SONS

Wamego, Kansas

Reg. Spotted Poland China

Boar & Gilt Sale

October 16

(Night Sale)

North Central Kansas Free Fair Grounds

Belleville, Kansas

25 Gilts and Boars

Good, rugged, strong farmers boars.

ED PACHTA, Belleville, Kan.

Duroc Boar & Gilt Sale

October 6, 1952

1:00 P. M. Fairgrounds

Beloit, Kansas

25 BOARS and 25 GILTS

Sired by Royal Pioneer, the Limer and the Promoter. There will be 2 feature litters, one by National Velvet, one by Starlette's Prince 1951 Kansas grand champion boar. We have some pigs from official ton litters in Royal Pioneer boar, sired 2-ton litters in Sears project in Cloud county. The grand champion barrow and the heaviest 4-H pig in Republic county was bred by us. We raise an average of 9 1/4 pigs per litter on 16 sows this spring.

SIDNEY C. JOHNSON & SONS

Jamestown, Kansas

AUCTIONEERS



HAROLD TOMLINSON

Auctioneer and

Complete

Sales Service

Write, phone or wire

Haven, Kansas

October 4

Will Be Our Next Issue

Ads for the Classified and Livestock Section must be in our hands by

Friday, September 26

If your ad is late, send it in Special

Delivery to 912 Kansas Ave.

Kansas Farmer, Topeka, Kan.

Dairy CATTLE

LOCUST LEA AYSHIRES

BULLS ARE ALL SOLD.
The past season has been very good, we are completely sold out of bulls. We are now booking orders for bull calves. Come and visit us, we might have something that would interest you. Visitors are always welcome.
LOCUST LEA FARMS, Effingham, Kan.
Mr. and Mrs. John C. Keas

202 REGISTERED AYRSHIRES

One of the largest Ayrshire Sales ever held in the Middle West. Sale dates September 29-30. These cattle have—
PRODUCTION—TYPE—BREEDING
All cattle Tb. and Bang's tested—Calfhood Vaccinated.

Owners
CLARK & BOYD
Route 2 West Liberty, Ohio.
For Sale Catalog write Sale Managers
AYRSHIRE SALES OF AMERICA
Frank F. Dicke, Pedigrees, New Bremen, O.

A. Lewis Oswald
John C. Oswald
Rotherwood JERSEYS
Hutchinson, Kansas

For Sale
9 Reg. Jersey Cows
3 to 7 years, milking 3 to 5 gal. per day. Part just fresh, some springers, classified Good Plus. Large cows. 1 Registered Jersey Bull, 15 months Standard-Vol breeding. 4 Registered Jersey Heifer Calves, 6 months old. Females are calfhood vaccinated and of Sybil breeding. A real production group. Priced \$4,000 for group.
CLARE MAR JERSEY FARM
PRINCETON, KANSAS
5 miles east, 2 1/2 north of Princeton, Kan.

10th Annual Kansas GUERNSEY BREEDERS CONSIGNMENT SALE
FAIRGROUNDS
Hutchinson, Kansas
October 21, 1952
SALE AT 1:00 P. M.
60 Reg. Guernseys at Auction
20 Top Cows—20 Bred Heifers
5 Open Heifers—10 4-H Heifers
5 Top Herd Sire Prospects
Kansas breeders are going "All Out" in consigning their Tops to this 10th Anniversary Sale. Top production, pleasing type and popular breeding will be features of the sale. Our good neighbors from Nebraska, Missouri and Oklahoma are consigning 20 head of choice animals to this sale. The quality of cattle consigned far exceeds that of any previous sale. This will be your opportunity to select seed-stock to start a new herd or improve your present.
For catalog and other information write
C. J. GRABER, Secretary
Route 1 Newton, Kan.
Chas. Cole, Auctioneer, Wellington

Ayrshire Dispersal
October 1, 1952
Sale at 1:00 P. M. — State Fairgrounds
Hutchinson, Kansas
Owner, **CHAS. ZIMMERMAN, Sterling, Kan.**
50 HEAD
Herd has been on Terd Test and is classified. An Approved Dam that just finished a record of 13,397 lbs. milk and 551 lbs. fat and 4 of her daughters are selling, as are a number of daughters of APPROVED sires. More Approved breeding than has ever been offered in any sale in the west. 21 cows and first calf heifers. 8 heifers close to calving. 8 yearlings and the rest heifer calves from 12 months to baby calves. Tb. and Bang's tested.
For catalogs write
G. FRED WILLIAMS, Rt. 2, Hutchinson, Kan.
Mike Wilson, Auctioneer

Dairy CATTLE

REGISTERED GUERNSEY BULL
Good bloodlines, 18 months old, large enough for service. Reasonable.
FRANK YOST, Route 2, Salina, Kansas

WISCONSIN DAIRY CATTLE
Choice Holstein, Guernsey and Brown Swiss Calves, Yearlings and Springing Heifers. Delivered to your farm C.O.D.
Dennis R. Grosse, York, Nebr., Bx. 48, Ph. 1419

Choice 2-Year-Old Bred Box Brand
HEIFERS
Located near Cottonwood Falls, Kan. Write or call
EVAN KOGER, ROBBINS RANCH
Cottonwood Fall, Kan., Phone 451

WANTED
25 Head of purebred and high grade **BROWN SWISS SPRINGERS**. Give breeding and production backing.
STEARNS FARM, Broomfield, Colorado

Dual-Purpose CATTLE
TWO POLLED MILKING SHORTHORN BULLS
Dark reds, 8 to 10 months old. Farm located 1 mile east, 1 1/4 miles north of Miller Junction.
MAX CRAIG, Osage City, Kansas

RUSSELL McDANIELS'
Draft Production Sale of Reg. Milking Shorthorns
Felt, Oklahoma
Monday, October 6
1 P. M.
35 Top Quality Dual Purpose Cows, Bred and Open Heifers and Bulls. Royal bloodlines.
For a catalog write to
Roy Pauli, Sale Mgr.
Broken Arrow, Oklahoma

Remember the J. E. KRAUS & SONS
Dispersal Sale of
45 Head Registered
Milking Shorthorns
at the Fairgrounds
Hutchinson, Kansas
Sat., Sept. 27, 1952
1:00 P. M.

• AUCTIONEERS •
BERT POWELL
AUCTIONEER
LIVESTOCK AND REAL ESTATE
1529 Plass Avenue Topeka, Kan.

Livestock Advertising Rates
Effective February 1, 1951
1/4 Column inch (5 lines) ... \$3.50 per issue
1 Column inch ... \$9.80 per issue
The ad costing \$3.50 is the smallest accepted.
Publication dates are on the first and third Saturdays of each month. Copy for livestock advertising must be received on Friday, eight days before.
MIKE WILSON, Livestock Editor
912 Kansas Avenue
Kansas Farmer - - Topeka, Kansas

"THE SUNFLOWER SPECIAL"
The Kansas State HOLSTEIN SALE
THE 10TH ANNUAL SALE
Herington, Kan.—October 8th, 1952

65 Head of Selected Reg. Holsteins Consigned by 36 Kansas member breeders

25 Cows, most of them heavy springers or just fresh. Several classified (Very Good) and many (Good Plus).
25 Bred Heifers, representing the best of Kansas bloodlines and sires.
10 Open Heifers.
5 Selected Bulls. They represent the most Gold Medal inheritance and high records ever consigned to a state sale. They have type to equal the production.
15 Heifer Calves, born after July 1, 1952. They are choice ones this year.

County Agents and Club Leaders Take Note

THE CONSIGNORS:
FERSBERG BROS., Mentor
SCHNEIDER BROS., Salina
E. A. DAWDY, Salina
ST. JOSEPHS' HOME, Abilene
H. A. MEIER, Abilene
WEN MOBERLY, Ames
LEWIS TOPLIFF, Formosa
LAMBERT YOUNG, Haddam
MARTIN OHLDE, Linn
EDWIN OHLDE, Linn
WM. FRERKING, Herkimer
MARTIN BLANKE, Bremen
LEROY JOHNSTON & SON, Marysville
HARVEY BECHTELHEIMER, Sabetha
CAROL FULTS, Horton
MOTT AND KANDT, Herington
JACK CARLIN, Smolan
R. L. EVANS & SON, Hutchinson
C. A. JOHNSON, Phillipsburg

LOUIS PLATT, Lebanon
HUGH BOWMAN & SONS, Larned
LLOYD SCHULTZ, Pretty Prairie
LUTHER SHETLAR, Conway Springs
HUGHES BROS., Waldron
DONDELL HOLSTEIN FARM, Clearwater
HEERSCHKE BROS., Mulvane
WILBUR SLOAN, Cleveland
WM. MUDGE, Gridley
RAYMOND BOLLMAN, Edna
PAUL FICHEL, Earlton
R. C. BEZLEY & SON, Girard
MARTIN DICKINSON, Homewood
KENNETH BENEDICT, Louisburg
ARTHUR JENSEN, Olathe View Dairy, Olathe
MEYER DAIRY FARM CO., Grover Meyer, Basehor
WHITE & SMITH, Topeka

R. L. Evans, Hutchinson Chairman of the Sale Committee, says "I think we have the best consignment of cattle that have ever gone to a state sale in Kansas."
Order your banquet tickets NOW for the Holstein-Get-together at Herington, the evening of October 7. Guaranteed fun and entertainment. Send check for \$1.50 for each ticket to W. H. Mott, Herington, Kan.
Sale of 4-H calves at 11 o'clock, October 8, and the sale of adult cattle follows immediately. Sale under the direction and management of the State Sale committee; R. L. Evans, Hutchinson, Chairman; R. O. Chamberlain, Olathe; and Quentin J. Kubin, McPherson.
Hotel headquarters: Hotel Daily and Hotel Liggett, Herington
Send for catalog to
T. HOBART McVAY, Sec., Nickerson, Kan.
Mike Wilson for Kansas Farmer.

THIS PROVEN SON OF "BURKE" and 30 of His Offspring
SELLING AT AUCTION
The G. L. E. Edwards
★ **DISPERSAL** ★
TB ACC. HERD - BANG'S TESTED - VACC.
65 REGISTERED HOLSTEINS
Sale at State Fairgrounds Pavilion
TOPEKA, KANSAS
Starting Promptly at 12:00 Noon
MONDAY, OCTOBER 6TH

PABST BURKE LAD STAR
Born 6-15-44. Class: "V.G." "Proven Sire" in HIR (H-F Ass'n of A.) 10 dam-daut. pairs, 2x 305d basis; Dauts. ave. 431 lbs. fat, 3.56%, 12,100 lbs. M., an all-plus proving. An own son of "Burke" from 755-lb. found. cow.

THE DETAILS IN BRIEF
This is a dispersal of every salable animal in the fine herd developed by MR. C. L. E. EDWARDS, Topeka, Kan., in 21 years in HIR. Record cows in sale up to 712 lbs. fat on 2x. In addition to 30 by "Lad Star," are 15 by high-rec. son of "Roamer," who also will sell. Also selling daughters of "Pabst Roamer," and other Pabst sires. See illustrated ads in Sept. issues Hol.-Fries. World.
The Catalogue: Large illustrated book, sent by First Class Mail, 50c per copy.
A. W. PETERSEN, Sale Mgr.
Oconomowoc, Wis.

Dispersal HOLSTEIN Sale

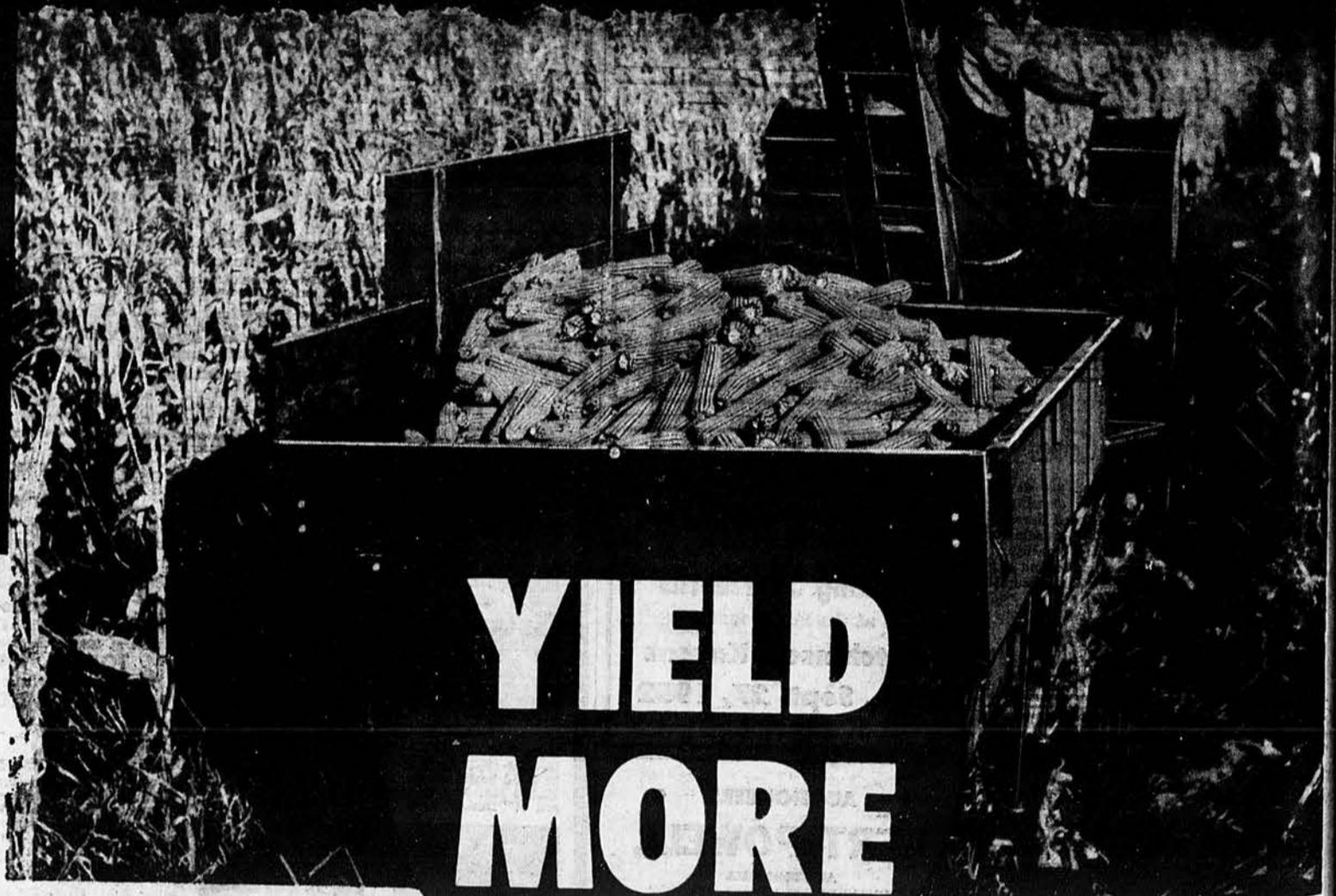
Friday, October 10, 1952, at farm, 5 1/2 miles west of COUNCIL GROVE on highway 50N. 2 miles south back east 1/2 mile, or 6 miles southwest of Council Grove on Helmick Road.

40 head of Holsteins—5 registered, 23 cows fresh or heavy springers, 10 head bred heifers coming 2 years. All tested for Bang's and Tb. 8 head yearling heifers, calfhood vaccinated. An unusual lot of high producing cows and heifers in excellent condition.
Full line of machinery and household goods, feed-silage, alfalfa and prairie hay.
Selling all on account of ill health, including the farm of 240 acres, well improved.
Lunch on ground. — Sale begins at 10:30 A. M.
R. M. WORLEY, Owner, Council Grove, Kansas

October 15—The 6th Annual Tri-State BROWN SWISS SALE

Write now for a sale catalog. It gives the information you would like to have, about the 50 HEAD SELLING.
The high quality, good breeding and desirable type of previous sales offering has made it possible to have a good sale year after year.
This Year We Sell 45 Females and 5 Bulls
They are from good herds of Kansas, Missouri and Nebraska.
Sale Held at the **TOPEKA, KANSAS**
Kansas Free Fair Grounds
For sale catalog write to
ROSS R. ZIMMERMAN, Sale Secretary
ABBYVILLE, KANSAS
Auctioneers—Bert Powell, Charles Cole, Mike Wilson

PIONEER HYBRIDS...



YIELD MORE

For "Year-after-Year" DEPENDABILITY.. You Can't Beat PIONEER!

Backed by the oldest commercial corn breeding program—started in 1913—you would naturally expect PIONEER to offer all of the wanted qualities of a sound hybrid—such as Strong, Vigorous Germination—Thrifty, Even Stands—Standability—Proper Maturity — and Efficiency of Picking.

But where PIONEER really shines is in its ability to produce big "crib-busting"

yields of sound quality. You can count on PIONEER — year-after-year — to wring out every last bushel your weather and soil are capable of producing.

Please remember — PIONEER is THE Hybrid that Offers More Of What Farmers Want Most — BIGGER and MORE PROFITABLE YIELDS of sound quality corn.

**SEE YOUR
PIONEER SALESMAN
NOW!**

Let him help you select the PIONEER Varieties best adapted to the specific conditions of your own farm.

GARST & THOMAS Hybrid Corn Company, COON RAPIDS, IOWA

... Lead the Field in Yield

17
PURE AN
LIBRARY
SEP 22
MAN
STATE