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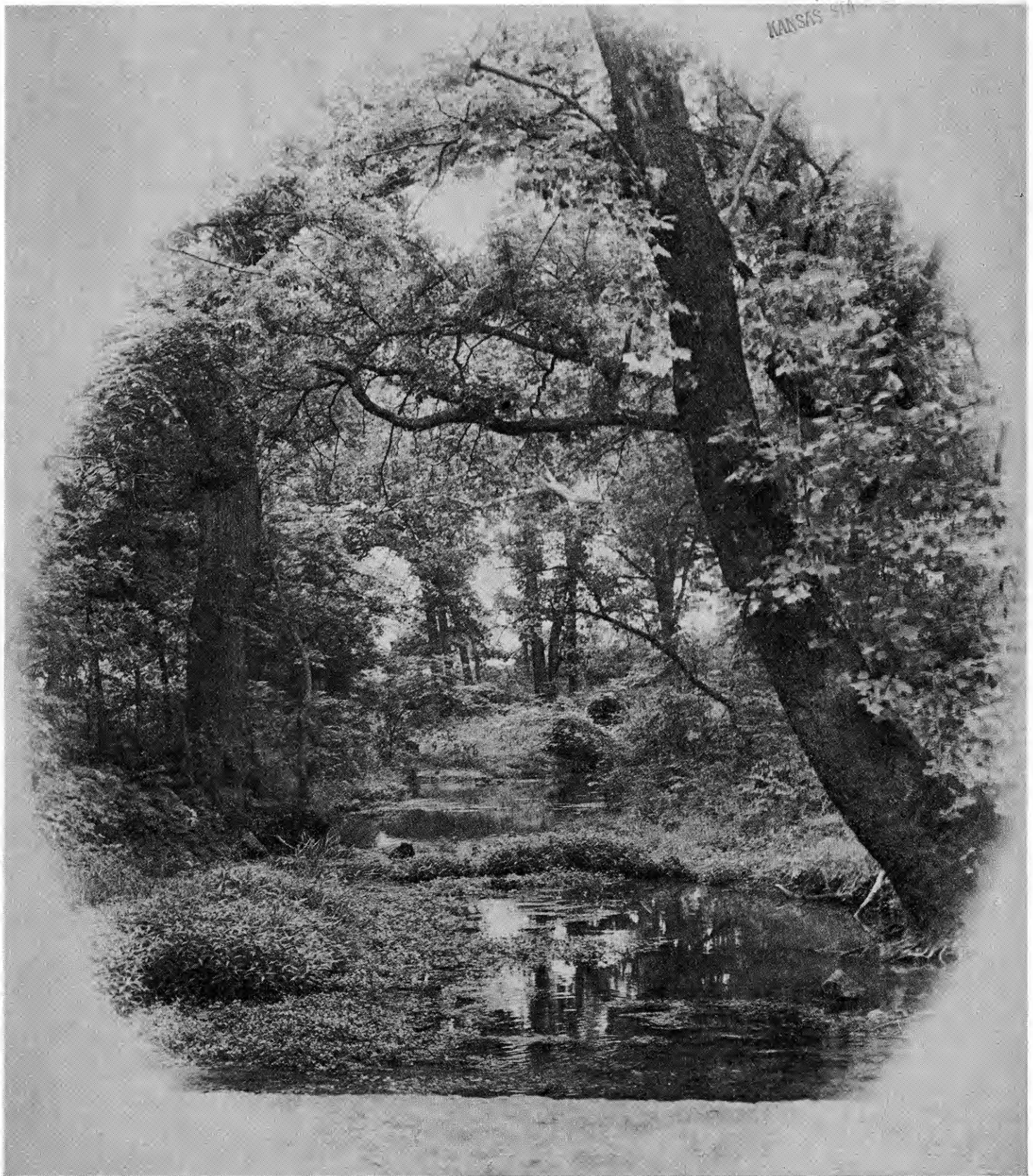
KANSAS 4-H

Journal

The 4-H Family Magazine

Kansas 4-H Foundation, Inc., Publisher

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Picture at Rock Springs by Larry Kirn, Minneapolis, Kansas



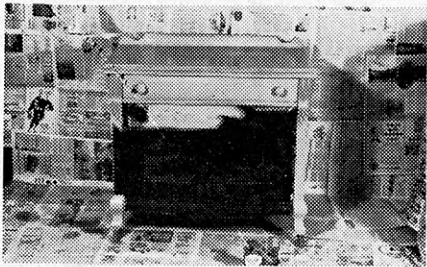
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OPTIONAL MATERIAL

CO-OP Holiday Paint & Varnish Remover.
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CO-OP Holiday Enamel Undercoat
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From Your State Leader



What happens in the Spring?

Mud
Rain
Mumps
Measles
4-H Days — ah yes!

Sometimes we get so occupied in just doing the chores, that we don't remember what we are supposed to accomplish by certain aspects of 4-H work, that is, just what are the reasons for all the work that 4-H Day requires. Let's pause in the headlong rush to get going, and consider some fundamental ideas and beliefs about 4-H work, specifically as they refer to 4-H Days.

Just what is supposed to be accomplished by the eternal practice for the model meetings; the difficult job of thinking up a new demonstration topic; the search for the 'just right' one act play that fits the talents and ages of the club members; finding a folk game that the club members can do; the scrambling to schedule the musical groups and the talent numbers? Is it worth the time and trouble it takes? Why are we doing it? Shouldn't we be tending to our own chores with which we are most familiar; like project meetings, tours, fairs and exhibits, and leave music, drama and presentations to the schools? What relationship has a laboriously presented piano solo with competency to complete a project and turn in a neat record, on time?

Well, lets see. The 4-H program was started as an educational bridge, between the rigid school system of that time, and the home where the tasks they were supposed to learn in school were done. 4-H brought the genius of the project as the bridge between school and home. Projects provide the "learning by doing" experiences, but the subject matter learned is less important than the habits and attitudes developed. This is one fundamental belief about 4-H—that projects are a means, not an end.

The second primary idea about 4-H, that developed more slowly than the project concept, is that the social experiences of the 4-H meetings—the talks, the demonstrations, the club officer's job, the

(Continued on page 17)

Is Estimating Beef Value Possible?

By Harold J. Tuma

Questions frequently arise because changes have in the past, are now, and will continue to be made in all phases of the beef industry. The questions include: What determines the true value of a carcass or market steer? What live and carcass judging trends are taking place at our county, state, regional and national shows? Is there a correlation between the show ring standards, slaughter, buying and retail demand? Problems arise frequently due to lack of communication or knowledge as to what we are trying to accomplish in the judging of on-hoof classes, on-hoof-carcass classes, or strictly carcass classes.

Although it is not unanimous, most people fairly well agree on what the live animal or carcass should look like to make money for all and satisfy the consumers who want more tender, flavorful, and juicy steaks and roasts. Carcasses, hence live animals, differ greatly in their merit or value. All phases of the beef industry must more accurately evaluate both live and carcass differences if progress is to continue.

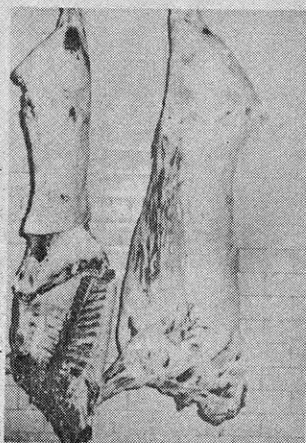
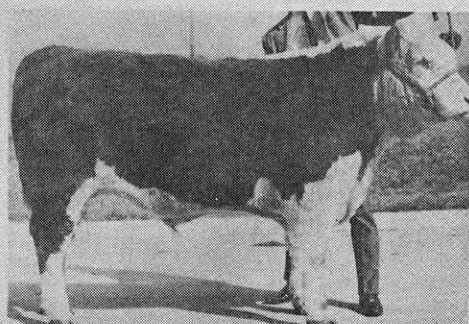
There are two factors that influence the value of any animal or carcass:

(1) The **QUALITY** of edible or retailable meat.

(2) The **QUANTITY** of edible or retailable meat.

Individuals may use different techniques to appraise, or estimate those two factors, which ultimately determine true value.

In no other industry is so little



actually known about the product placed, traded or evaluated. Animals in the past and to some extent yet today, have been bought, sold, placed and evaluated largely on external appearances.

Today, competition, the need for efficiency, and an increasingly demand for more lean and less fat have spurred us into using new tools and techniques, as well as training the eye to look for indications which reveal more about the composition of beef animals.

Many prominent livestock judges have developed the art of looking "beneath the hide" to evaluate fat thickness and muscling. For example, at the 1966 Wichita Junior National Livestock Show the grand champion and the three breed champions on hoof were also the respective carcass champions. That is the type of results we are striving to attain. Live animals that are good steers, bulls, or heifers should also produce carcasses that cut-out a large proportion of tender, juicy beef for the consumer.

There are several differences that we actually encounter in the beef population. Are the differences real and significant? Do general trade practices reflect the differences?

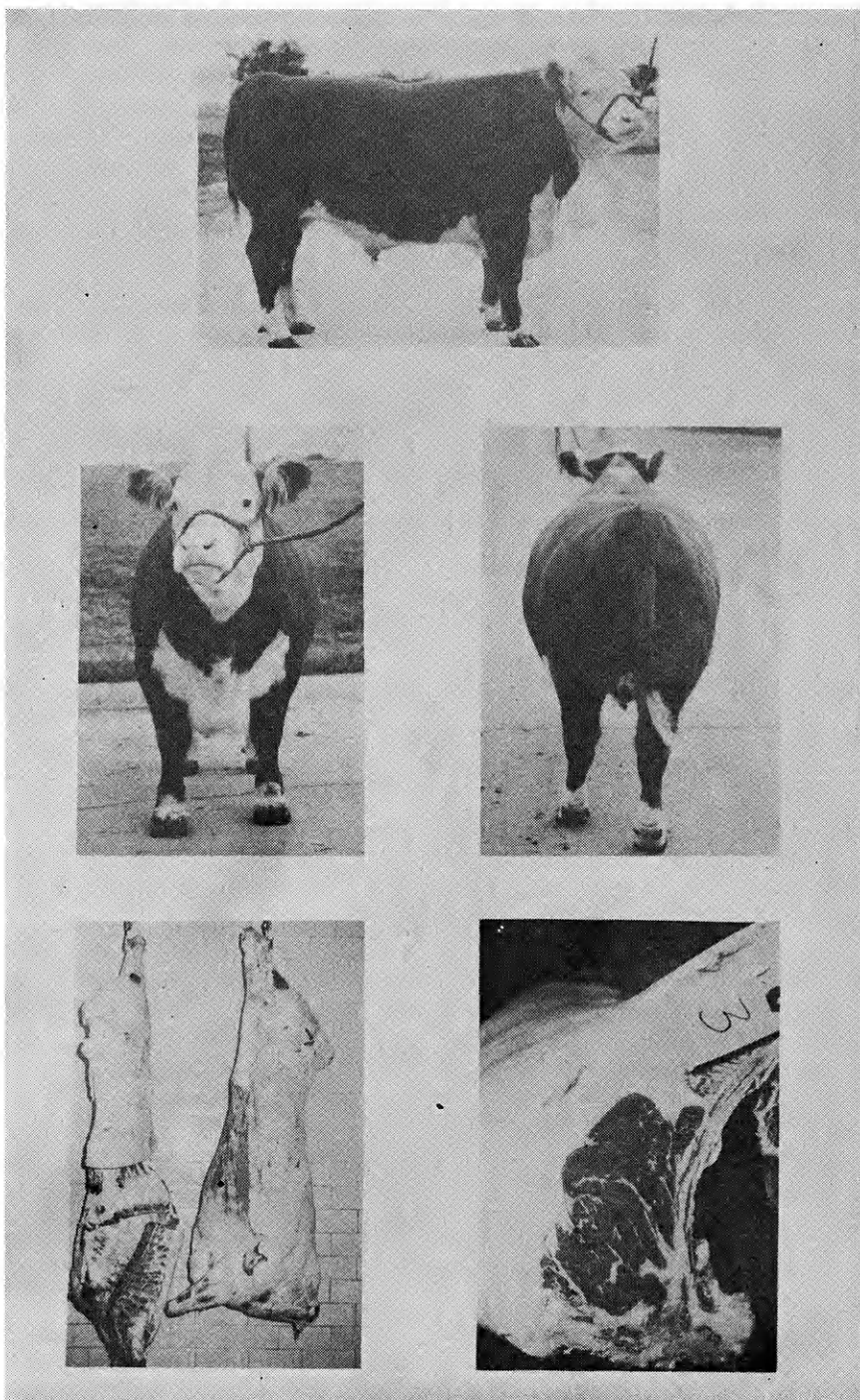
The pictures show two Hereford steers of approximately the same weight which were used for an evaluation study recently at Kansas State University.

Which steel is the more useful for all phases of the industry?

The on-hoof judges without exception would select steer A — a trim, heavy muscled, correctly finished steer. Steer B is a short coupled, early maturing, over-finished steer that would have been more popular 10 to 15 years ago. The on-hoof judges preferred A over B because A was trimmer in the brisket, rear flank and cod, longer quartered and thicker in the strifle. Steer B was fine boned, flat-topped, heavy in the brisket and cod with excess fat around the tail-head. He stood close on his rear legs and was flat quartered, indicating a lack of muscling. Despite these obvious differences, the majority of our indus-

try buyers will still pay the same or more for steer B. This adds to the confusion and our producers (from 4-H club boys to the veterans) ask, WHY? University workers have answered this question many times. Let's now look at the carcasses pictured and at data from pictured steers A & B. Steer B's dressing percentage was 62.7; A's was 61.7. Steer B had 11½ percent more practically worthless kidney fat. That alone more than off sets the apparent dressing percentage differences. B graded Top Choice and A, Average Choice which means essentially no difference in quality.

Presently our quality goal is to get the animals into the choice grade. The two factors, dressing percent and grade, provide the basis on which most buyers would have paid more for steer B. Dressing percent, a useful tool in evaluating market animals, is greatly overemphasized at the present time, although it does tell us something about the fill and amount of finish on the animal. The fatter the animal the higher the dressing percent. In this sense, dressing percent may work against the production of trim, high retail cutting beef animals. What is needed (and is possible) is an animal



with a high dressing percent that yields a high proportion of edible or retailable meat.

Although on-hoof buyers may disregard the proportion of edible meat, retailers buying from wholesalers and most market animal show judges are emphasizing an appraisal of composition in their buying or placing.

QUANTITY of muscling, retail cuts, or edible portion can be evaluated in the carcass and in the live animal. Four traits help one to do the job accurately. These traits, all based on a great deal of research data, are:

- (1) Carcass weight
- (2) Rib-eye area at the 12th rib
- (3) Fat thickness at the 12th rib
- (4) Percent kidney, heart, and pelvic fat.

The fourth, and most difficult-to-evaluate factor will be omitted as soon as the packers remove this practically valueless quantity of fat on the kill floor. This will not only simplify and increase the accuracy of carcass

and live evaluation, but will make dressing percent a more meaningful tool.

The estimated U.S.D.A. cutability grade (an indication of the proportion of boneless, closely trimmed retail cuts in the carcass), using the four previously mentioned factors was, 3.1 for steer A and, 5.7 for steer B. A cutability grade of 1 is the most desirable and 5 least desirable. Based on actual cut-out data each 0.1 unit change in U.S.D.A. cutability equals 25 cents per hundred weight of carcass. This means that steer A was worth \$6.50 more than steer B per cwt. carcass. (Calculations, $5.7 - 3.1 - 2.6$ or 26 units difference \times \$.25 = \$6.50) Although their weights were similar, total animal difference was \$43.55 based on a carcass weight of 670 lbs. Such differences are common. Often animals of the same weight and grade will have even greater dollar value differences.

Can such differences be accurately appraised on-hoof? Naturally, we can come closer to actual carcass value by looking at the various carcass characteristics. However, people who have been concerned with live

and carcass evaluation can accurately appraise carcass characteristics in live beef animals. Without doubt, the factors associated with composition of the live animal — fat thickness, loin eye area (as an indicator of general muscling) and carcass weight — can be appraised as accurately as dressing percent and probably more accurately than grade. Kansas State and other universities, have incorporated on-hoof-carcass evaluation work in many student classes for several semesters. This type of activity has been refined to the point that Midwestern universities now have an Intercollegiate Meat Animal Evaluation Contest. The fourth such contest is scheduled for April 6 and 7, 1967 at Denison, Iowa. Accurate appraisal of these additional economically important factors requires no more experience and training than to learn to estimate animal grade, weight or dressing percent. The Kansas State University Livestock Extension Specialists have held, and are continuing to hold numerous clinics throughout Kansas specifically to help train producers, feeders and buyers to correctly evaluate the factors associated with the quantity of retailable or edible meat.

Identification and payments for true market value will help erase any confusion which may exist regarding market animal types. Penalizing correctly finished, heavy muscled animals because the buyers feel more finish is needed must change for adequate progress to be made in producing the efficient beef type animal acceptable to the consumer. Buying on averages when true value differences may be \$30-50 per animal rewards the inefficient and penalizes the efficient producers.

Buyers for larger chain stores have known for years that buying carcasses based on quality grade and amount of retailable meat they will cut-out has merit. The next steps are to make sure our packers and producers are aware of the true differences which can and do exist and then paid accordingly. Differences that exist in beef animals can be accurately evaluated now.

IFYE Feast of Nations Will be April 2

The 1967 IFYE Feast Of Nations will be held Sunday, April 2, in the K-State Union, Manhattan. The meeting is held to recognize the 1966 and 1967 IFYE delegates and to cooperate with K-State's International Week.

Registration will take place on the second floor of the Union from 11:30 a.m. to 12:30 p.m. At 12:30 the IFYE Feast of Nations will start in the main ballroom.

Talks by returning IFYE delegates, 4-H Member Exchangee, and Finnish School Representatives, will take place from 2:00 p.m. to 3:30 p.m.

Banquet Room K

2:00 p.m. — Karen DeGood
Engel and Linda Keller

—'66 Germany.

2:30 p.m.—Loren Zabel —
'66 Germany

3:00 p.m. — Karen Carey
Hummel—'65 Finland
Banquet Room S

2:00 p.m.—Mary K. Munson—'65 India

2:30 p.m.—Rosemary Warren—'66 India

3:00 p.m.—Richard Hawkins—'65 India
Banquet Room U

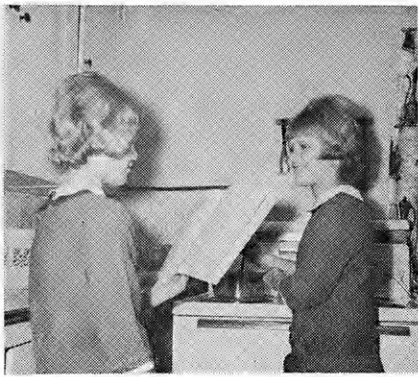
2:00 p.m.—Barbara Symns —
'65 Jamaica

2:30 p.m.—Bill Bennett —
'66 Costa Rica

3:00 p.m. — Steve Fornelli
—'66 Denmark

The IFYE Alumni Semi-annual meeting will be held at 3:30 p.m. in Banquet Room K.

Double The Fun



THE DIRECTIONS READ. Following the recipes and recommendations in the 4-H foods and nutrition booklets is an important part of being successful.

Twice the fun and twice the good eating is the story when twins are involved in the most popular Sunflower State 4-H project, foods and nutrition.

Cindy and Lindy Drumm illustrate what the 13,890 girls and boys enrolled in the project do in completing the requirements. They are members of the Riley County Strong 4-H Club

and daughters of Mr. and Mrs. Carl F. Drumm.

From the most simple snacks and little lunches to planning and preparing family dinner, 4-H'ers choose the project phase to meet their needs and abilities.

The foods and nutrition project can fit into the family living pattern. Many 4-H'ers write in their records of being responsible for meals dur-

ing the summer if their mothers were employed outside of the home. They relate how good it is to be capable of taking over in the kitchen during the absence or illness of Mother.

"Taste is the test" in food. 4-H'ers strive to pass the test as they "make the best better" in preparing and serving food to their family and guests.



READY BEFORE TOO LONG. A cake in the making and promises of a sweet treat for the family is the situation. Favorite foods of parents, brothers, and sisters are considered when 4-H'ers decide what to prepare.



DISHES, LINENS, SILVER ON THE TABLE. Setting a pretty table is an art and a part of the 4-H foods and nutrition project. The goal is to use available dishes, silver, and linens to make an eye-pleasing picture when the family comes to the table.



ON WITH THE LID. 4-H girls, and some boys, prepare a great variety of meat dishes in some phases of the foods and nutrition project. They learn that the less tender cuts are most pleasing when cooked with moist heat (liquid added and covered).



RECORDS MUST BE RIGHT. Keeping a record of what foods they prepare is a part of the project. A few minutes every week spent on records makes the task easier and avoids the last minute rush before books are due at the close of the year.



Mary Knappenberger, 18, Olathe, was among 10 Reporters-to-the-Nation named by 4-H for 1967. She was selected during the 45th National 4-H Club Congress in Chicago Nov. 27-Dec. 1. Nominated by her home state, the newly-named reporter was chosen for her achievement, poise, personality, ability to relate 4-H facts and philosophy. Mary will appear in person during 1967 before national organizations, leaders in government, business, industry, agriculture and education.

Recreation Workshop April 24-28

The 1967 Kansas Recreation Workshop will be held April 24-28th at Rock Springs Ranch, 12 miles southwest of Junction City on highway 77.

The workshop is held annually to explore ideas and techniques of recreation, crafts, music, discussion, camping, party planning. The workshop is open to any adult who is interested in recreation for youth and adults, volunteer leaders of club groups, homemakers, 4-H leaders,

church group leaders, camp counselors, Extension Agents, Scout leaders, Campfire, YMCA and YWCA workers.

Cost for the four day session is \$30 per person or \$50 for married couples. A pre-registration fee of \$5 is required before April 1, but if you find you can come after this date, please do. You can get your registration cards from your county agent or by writing the State 4-H Office, Umberger Hall, Manhattan, Kansas.

Movie Will Tell The Kansas 4-H Story

Plans are now underway by the Kansas 4-H Staff for a 15 minute color movie designed to promote membership. Glenn M. Busset, State 4-H leader, said the movie is an immediate possibility, thanks to the joint effort of the 4-H Foundation and the Extension Service.

Gary Nugent, Kansas State University movie director, will direct the production. Dr. Busset has appointed five 4-H Staff members to a committee to form ideas for the film. Members are Dale Apel, Marjorie Dunn, Dick Tomkinson, Warren Paul, and Cecil Eyestone, Chairman.

It is hoped the film will be ready for showing by late fall.

Willowdale Club Active in Health Program

To keep up the interest of the members in the club's activity of Health, the Health committee of the Willowdale 4-H Club of Dickinson County tried to have a Health project or activity each month. Some of these activities have been canvassing the Willowdale township of about 50 homes for the March of Dimes. This project has been continued for ten years.

The Health committee was in charge of having the wells of the community tested. Fourteen wells of the families in our 4-H Club were tested.

The club also presented a model meeting at County Model Meeting devoted to Health. Several talks were given, and a skit was presented entitled "Posture Parade." Four boys were dressed up as girls to demonstrate the four main types of poor posture while Sherryl Guy narrated. The posture skit got to go to Regional in the Composite Model Meeting. Several other organizations requested the committee to present this skit.

The club has presented several Health talks and demonstrations each year at the County 4-H Club Day and at the local meetings. Each year one monthly meeting is entirely devoted to Health.

Tractor Project For Girls?



Mr. John Cowan shows Miss Lela Hooper, the county champion in the Girl's Tractor project, the inside of an engine and how it runs.



Several of the girls went up front after the meeting for a closer view of Mr. Cowan's demonstration with the model tractor which he has motorized.

"What?! Girls taking the tractor project. Why, that's unheard of!" This was one of many comments heard when plans began in Brown County in 1966 to initiate a girls' tractor program. For years the boys have had county wide project meetings in tractor led by the local implement dealers, so now it was time to start on the girls. The idea was strated by Mr. Clyde Davies, an active 4-H leader, and the first meeting was held in January, 1966. Mr. John Cowan, of Cowan Implement Company, was a very capable instructor who, by the use of miniature tractors and other tools, taught the interested girls much in farm safety. Safety was really the whole point. Many of the girls attending the meeting would never have the opportunity to drive a tractor, but just living on a farm requires some knowledge of the machinery for safety's sake and emergencies.

Last summer when it came time for the tractor operators contest there was a section for the girls included, and Brown County had its first Girls Tractor Driving Champion in Miss Lela Hooper.

This project is being continued in 1967, with Lela as chairman. A meeting was held with Mr. Cowan on January 19. He has added much new equipment to his demonstrations, including a motorized toy tractor and an engine with one side cut away (see pictures).

Farming and rural living have many hazards, but Brown County 4-H clubs are doing their best to reduce these hazards and teach more safety.



AWARD PRESENTED—Twin Valley 4-H club, cited for Youth Group Achievement, has received the Parents Magazine Health and Safety Award. Making the presentation of the plaque, which signifies outstanding achievement in health and safety, is E. J. Sisk, county extension agent, to Karen Debrick, past president of Twin Valley of R.R. 2, Paola.



MENU

- *Barbecued Swiss Steak
- Baked Potato
- Buttered Corn
- Crisp Cabbage Slaw
- *Chocolate Lush

*BARBECUED SWISS STEAK

- 2 pounds round steak
(1 in. thick)
- 2 8-oz. cans seasoned tomato sauce
- 1 tablespoon sugar
- 1 tablespoon vinegar
- 1 tablespoon Worcestershire Sauce
- 1 medium onion, sliced

Combine $\frac{1}{3}$ cup flour, a teaspoon salt, and $\frac{1}{4}$ teaspoon pepper; coat meat with mixture. Brown slowly on both sides in hot fat. Spoon off excess fat.

Combine next 4 ingredients and pour over. Add salt and pepper to taste. Place onion slices on top. Cover and bake in heavy skillet 1 to $1\frac{1}{4}$ hours at 350° until tender. Makes 6 servings.

*CHOCOLATE LUSH

- 1 cup sifted flour
- $\frac{3}{4}$ cup sugar
- 2 tablespoons cocoa
- $\frac{1}{2}$ teaspoon salt
- $\frac{1}{2}$ cup milk
- 2 tablespoons shortening (melted)
- 1 teaspoon vanilla
- $\frac{1}{2}$ cup chopped walnuts
- $\frac{3}{4}$ cup brown sugar
- $\frac{1}{4}$ cup cocoa
- $\frac{3}{4}$ cups hot water

Sift together first 5 ingredients. Add milk, shortening, and vanilla; mix until smooth. Stir in nuts. Pour onto greased 8x8x2 inch pan. Mix together brown sugar and $\frac{1}{4}$ cup cocoa; sprinkle over batter. Pour hot water over entire batter. Bake in moderate oven (350°) for 45 minutes. Serve while warm. Makes 6 to 8 servings. Serve plain or with whipped cream.

German Recipes

Saurbraten (Marinated Beef)

"Marinate" lb. roast beef in the following: 1 onion, 4 peppercorns, 2 cloves, 2 small bay leaves, 2 C. vinegar, 1 C. water. Allow to marinate in cool place 1-2 days.

Remove from marinade, brown sides, and braise until meat is tender, about $1\frac{1}{2}$ hour. Gravy may be made from broth.



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State 4-H Leaders Conference

"The more the merrier," is the philosophy for the State 4-H Leaders Conference this year. You have not one or two, but three possible dates and places.

This year is the first for three Conferences and the first time the event is scheduled at Rock Springs Ranch.

Tuesday, March 14
Scott City

Wed.-Thurs., March 15-16
Rock Springs Ranch

Friday, March 17
Ottawa

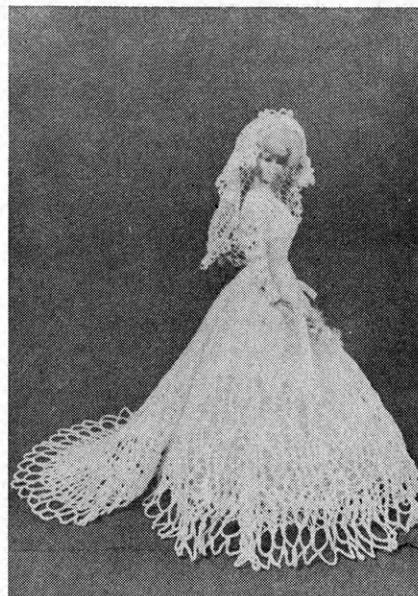
You'll hear more about specifics as the time comes closer. Conference co-chairman Arliss Honstead and Cecil Eyestone promise a keynote speaker, an inspirational speaker, ideas for all attending at the 1-day meetings. The program will be from 9:30 a.m. to 3:30 p.m. Dr. Wilbur Ringler, assistant director of Extension, Kansas State University, will appear at each Conference.

If you come to Rock Springs Ranch for the 2-day event, you'll hear the same program plus idea exchanges, special entertain-

ment, evening recreation, and time for fellowship with other leaders.

Community and project leaders and 4-H township representatives are invited to be a part of a Conference.

Approximate cost of the Scott City and Ottawa meetings, registration, and lunch will be \$2. The 2-day Conference will cost each person about \$6.



Peggy Smith, a member of the Prairie Dell 4-H Club in Allen County knit this beautiful Barbie Doll Bridal Outfit. Mrs. Floyd Hays, her knitting leader designed it for her. Peggy seems to have a special talent for knitting as this was her first year.

Ag Science Day April 15th

Will End With Little American Royal

The College of Agriculture at Kansas State University is planning its annual open house, Ag Science Day, on Saturday, April 15.

The day gives high school students and their parents some ideas of careers in the field of agriculture and the contributions that the College of Agriculture at K-State is making to agriculture and the education of today's youth.

The open house begins at 8:30 a.m. Exhibits from departmental clubs of the following curriculums will be on display until 4:30: animal husbandry, agronomy, agricultural education, agricultural economics, dairy science, poultry science, agricultural mechanization, plant pathology, biochemistry, entomology, horticulture, and flour

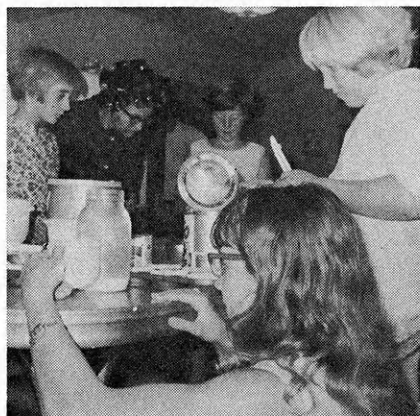
and feed milling. Among organizations which plan displays are Collegiate 4-H, Collegiate FFA, and Extension Club.

Tours of various facilities such as the livestock barns, meat lab, dairy lab, and the milling building will be conducted throughout the day.

Ag Science Day will close with the Little American Royal, which starts at 7 p.m. in the Weber arena. Students will exhibit university owned livestock. Champion showmen will be chosen in two divisions—Dairy and Block and Bridle.

Also scheduled the same day is the annual open house of the College of Home Economics—Hospitality Day.

With all of the events scheduled, it should provide an enjoyable and profitable day for all members of any farm family.



The cooking class of the Merry Mixer 4-H Club in Lyon County are pictured measuring the ingredients. The leader is Dianne Merry and the members are Mona Schroeder, Lynette Chamberlain, Carolyn Mochry, and Nancy Rathhe.

Kansas 4-H Appreciation Week, June 5-10. Watch for details in April Journal.

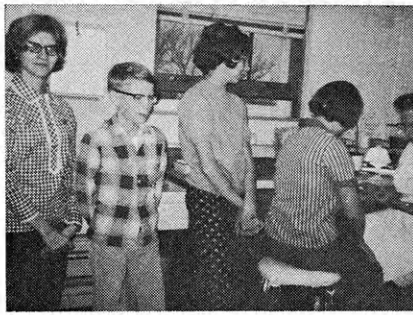
4-H Servicemen In Vietnam

Tan Son Nhut, Cu Chi, and Saigon are only funny names in the news to most Kansas 4-H families, but to some they are part of the everyday life. To these families Cu Chi may be where a cousin, brother, or son is serving his country with pride and distinction. Who are these men? Where are they from? That's what the Journal would like to know!

Do you have a friend or relative, who is a former 4-H member, serving in Southeast Asia? Send his picture, address and a thumbnail sketch to the Kansas 4-H Journal, Umberger Hall, Kansas State University, Manhattan, Kansas.

The 4-H Journal will run the pictures and sketches for the next few months.

Pictures and information of former 4-H'ers who have lost their lives in South Vietnam will be used in memory of all Americans who gave their lives.



What type blood do you have? Scared!! Pictured (R to L) Miss Rupp, Dronda McMullen, Club health Chairman, first to prove it didn't hurt, Susan Persinger, Steven Persinger, and Mary Hoover.

What Type Are You?

What type are you? A, B, AB, or O? This is what the Busy Beavers 4-H Club, Norton County was trying to find out about themselves.

The thought of a needle in your arm was a little frightening, but it was an interesting club health project.

Members of the Busy Beavers 4-H Club planned and carried out this project by having their blood typed at the State Sana-

torium of Norton, with Miss Betsy Rupp, lab technician doing the typing.

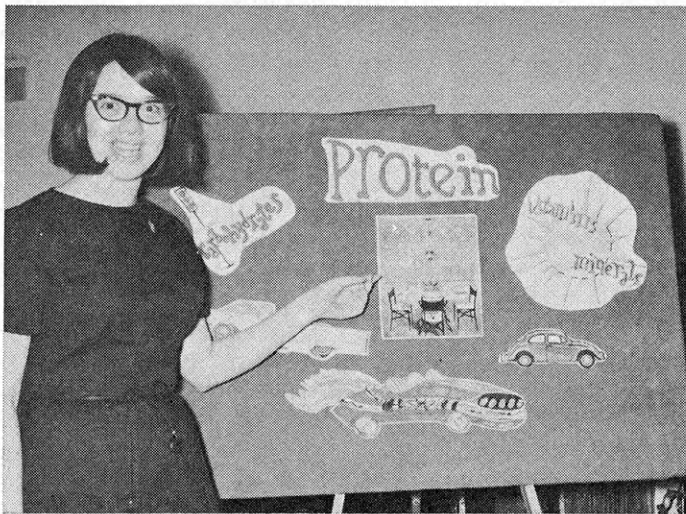
Twenty-one members have been typed and the remaining members will be typed in the near future.

Busy Beavers 4-H Club
Susan Persinger
Norton County

Good Citizenship

To show good citizenship and appreciation the Home City Hustlers Club in conjunction with members enrolled in the Citizenship project put together a box of cookies, packages of Kool Aid and etc., and sent it to one of the local boys, whom is in service with the U. S. Marines in Vietnam. Just to let him know we appreciated him and hadn't forgotten him. His appreciation warmed our hearts.

Reporter
Home City Hustlers 4-H Club
Mary Ann Wassenberg
Marysville, Kansas



Margaret Bryant, Riley County, likes to talk about teen-age nutrition. In this talk she tells how the family meal table is the "fueling station." As she shows her animated illustrations she tells how, "carbohydrates are to go on, protein to grow on and vitamins and minerals to glow on."

She says some of us have bodies like a powerful family car, some like a 'souped-up' sports car and some like a compact car. Margaret also tells about the four basic food groups and uses her colorful illustrations to show body shapes and how certain food groups, or lack of them, affect our body.

She has given this talk to 4-H and school groups.

"Food Puts Pep into PEOPLe,"

Says Margaret Bryant

A Riley county 4-H'er for ten years, Margaret was a blue award winner in the Personal Development Project and won the trip to Wichita last fall.

Her special interest is in teen-age nutrition and she considers this an important part of personal development.

Margaret also has done work in the Manners, Career Exploration, Philosophy of Life, and Relationship with Other phases of the project.



A delegate to the National Youngpower Congress in Chicago last year, Margaret visits with her sister, Kathy, about her interest in the Personal Development Project. Margaret says her attendance at State Junior Leadership Conference and special sessions on careers has been helpful.

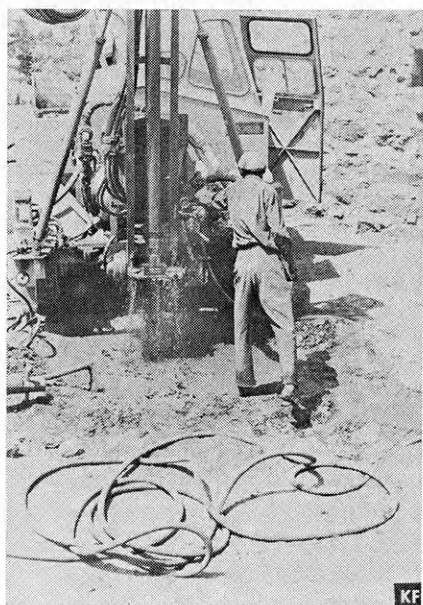
The people at Southwestern Bell Telephone Company are proud to have a part in this 4-H project by sponsoring awards for outstanding work.

SOUTHWESTERN BELL



TELEPHONE COMPANY

It Takes Coconut Milk To Dig A Well . . .



Suddenly water gushes out after a day of drilling. Water has been rationed in this small village in Maharashtra State, India, after three years of drought. Little more than mud is left in a single remaining well. Water may enable the farmers to harvest a crop for the first time since 1963.



Amazed at the advent of water from a tap, a ten-year-old hesitates before taking a drink. Irrigation wells with power pumps to provide enough water for agricultural needs is the next step in relieving India's chronic and acute food shortage. (photos: CORAGS)

Kharpudi, India — The 20th century has arrived in Kharpudi—and not a moment too soon.

If a small American town had a problem that only an elephant could solve, and the elephant suddenly showed up on main street in all its oriental trappings, the surprise would not be greater than in this North-Indian village when the well-drilling rig came into view across their drought-parched fields.

The huge piece of practicality in its native environment, was more than a little fearsome to the crowd of idle villagers who watched its coming. Idle they were indeed, for all activity in Kharpudi had ground to a halt for lack of water.

The village wells were shallow, hand dug. Bedrock lies close under the soil in this part of India. Shovels can reach only water above the rocks. All such water sources have been exhausted in three long rainless years.

In Kharpudi, water was rationed. Each family was allowed to draw each day one pot of water from the only well remaining. In half an hour of painstaking dipping with a hand bucket, a woman could collect a pot of murky brown liquid. That must suffice her family for the day's cooking, drinking, and washing.

Kharpudi's council of elders had met, listless under their bright turbans, and agreed to let the stranger try his magic. The stranger, John McLeod, a Scotch agricultural missionary, appointed a day. And on this morning the oddly formed monster was inching into Kharpudi, raising a dusty trail on the sun baked ridge.

No road passes through Kharpudi, but there is an open space on the central high ground among the 200 or so clay-and-stone cottages of the village. Local wise men advised that a good supply of water lay under that space in a spot near the temple.

John McLeod, knowing that the success of his operation depended on the good will of village leaders, went over the ground carefully and agreed to drill in the spot indicated. He would have preferred lower ground. From the rise, they might have to drill 200 feet or more to reach a good water supply.

Kharpudi was the first village in the Jalna area to which the drill rig came. It was important that this first well be achieved smoothly, so that future operations would have local cooperation. The equipment has great potential for helping in the effort to overcome India's severe and prolonged drought.

The drilling team guides the rig toward Kharpudi's clustered houses across a barren slope. Dogs bark, chickens scatter before the monster. From windows and doorways children peer timidly. They have seen bullock carts and bicycles. But this machine is so big it must maneuver carefully to fit between the walls on the way to the drilling site.

As the crew prepares to hoist the rig and start the drill, the elders step forward with a coconut which they crack open on a rock, spilling its milk over dusty ground. They sprinkle colored powder on the well site, and burn incense to insure plentiful

water.

Then the roar of the compressors begins, and the steel bit cuts into the earth, sending up a fine dust to coat the faces of the watchers.

As the day wears on the crowd thins to a few children and old men. The rest of the village goes about the few tasks that can still be done. One of them is a daily trip by bullock cart to a well three miles away for a token supply of water, part of a hopeless effort at irrigation to produce some harvest from the withered fields.

Just before the drill enters the rock that prisons water beyond the reach of villagers' shovels, there is a brief spurt of mud. It does not last long. Through the still, parched afternoon the gigantic chatter of the pneumatic hammer hangs tensely over Kharpudi. The drill reaches 100 feet, 150. Men sit in the lengthening shadows watching the drill team move around the screaming monster that has occupied their village. It is late. The crew prepares to stop work for the day. The drill reaches 170 feet down.

Suddenly there is a rush of water shooting out around the air hammer. A brief cheer, and the drill is brought up, the hole covered. The crew leaves. Silence and doubt descend with night on the village. All day there was great magic-making. But still they have no water to drink.

Early next morning the hole is opened. The chief elder peers down into the narrow black opening. Noncommittal, he steps back. Then there is more activity.

A charge of high explosive is lowered into the hole to enlarge the well chamber. A muffled thump announces detonation. The metal lining for the shaft is sunk, and a pump to force the water up. There is much assembling and tinkering and testing.

When the pumphead is in-

stalled, village women begin to gather, hopefully carrying water jars. A few strokes of the pump handle bring a fitful splutter, then a steady stream from the tap.

The water is very cold, very clear. The first woman touches the stream that is pouring into her jar. She has pulled water up from the earth in a bucket all of her life. Never until now has water flowed into her jar with such incredible ease.

Children crowd around for a turn at the pump handle, for a sip of the water. Parents look on in joy that has a touch of disbelief.

John McLeod, however, has already gone on to visit the next village in this thirsty valley. Another council of elders is about to meet the 20th century. Cocomilk and a power drill will get you a glass of water — and hope.



Five years ago the members of the Willowdale 4-H Club of Dickinson County decided to quit having a gift exchange and instead take cookies and candies to shut-ins. Since then each family brings cookies and candy that are wrapped in individual packages, and then they are placed in decorated jars. Around 16 gallons are taken to four different nursing homes for elderly people, which is a treat for 160 to 175 shut-ins.

Helping With Eyeglasses

The Home City Hustlers in conjunction with the Marysville Lions Club are collecting old and unused eyeglasses. These will be turned over to needy families in foreign countries. This not only helps needy people but also helps us get rid of old glasses that may be taking needed space in a drawer.

Reporter

Mary Ann Wassenberg
Home City Hustlers 4-H Club
Marysville, Kansas

Local 4-H Clubs

Show Support

Foundation

Highlights

Some highlights of 1966 Foundation work include the start of a 62-capacity, \$210,000 4-H girls scholarship house at Manhattan, and the completion of a 64-capacity dormitory, a machine storage building, and a small lake at Rock Springs Ranch.

261 local 4-H Clubs gave evidence of their support of the Foundation program by contributing \$7,057.91, an average of more than \$25 per club.

"Even though physical evidence of progress is more easily measured, the 'proof of the pudding' is in the development of 4-H boys and girls," according to J. Harold Johnson, Executive Director of the Foundation. "Furthermore, each and every 4-H donor of private funds may take pride in the higher achievements and educational growth of some 33,000 youth annually." Johnson goes on to point out that it does take buildings, scholarships, trips, leadership training, and many many other items requiring money.

Parents Get Into Swing

In the Home City Hustlers we have Parents night. At this meeting the parents take over with project talks, demonstrations, activity number, and etc. These may either be serious or they may be a joke. Parents night in our club is held in the March meeting. This is also the month our county holds county 4-H day. Therefore we have more time, with the parents filling in at this meeting, to work on our demonstrations, and project talks for 4-H Day. The parents and members get a lot of good fun out of it.

Reporter

Mary Ann Wassenberg
Home City Hustlers
R.F.D. 3
Marysville, Kansas

Study year abroad in Sweden, France or Spain. College prep., junior year abroad and graduate programmes. \$1,500 guarantees: round trip flight to Stockholm, Paris or Madrid, dormitories or apartments, two meals daily, tuition paid. Write: SCANSA, 50 Rue Prosper Legouté, Antony, Paris, France.

4-H TV Action Club

Go where the action is—join the 4-H TV Action Club. Have fun learning to deal with emergency situations. Kansas Television stations are now or soon will be showing a 30 minute program called The 4-H TV Action Club. Any boy or girl can join the club.

Station KFEQ in St. Joseph, Mo. was the first to show the program and 2,000 Kansas boys and girls joined the club. WDAF in Kansas City and WIBW in Topeka will start the 10 week program late in March.

Your teacher or County Agent will have enrollment cards. To get your membership card, pin, and material, write: 4-H TV Ac-

tion Club, Umberger Hall, Kansas State University, Manhattan, Kansas 66502.

The TV Action Club will be offered in other parts of the state this fall.

Kansas 4-H Appreciation Day Established

With the benefits of this private support in mind, the State 4-H Department joined the Foundation Board of Trustees in setting aside a special time for everyone to say, "Thanks for 4-H." The first such day was June 7, 1966. Plans have been made for an extended period this year.

Ideas That Work

It was an exciting evening when elephants, white elephants of course, were gathered by members of the Carry Creek Rustlers club, Dickinson county, and sold at auction as a money making event held at one of the club's regular meetings. The members and parents had fun bidding against each other on items ranging from comic books to cooky jars. One of the fathers in the club offered his services as auctioneer, and the result was a profitable evening of entertainment enjoyed by everyone.

Chapman, Kansas
(Club Reporter)
Barbara Larson

5%

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Leavenworth Mutual Savings and Loan Ass'n.

Liberal

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McPherson

The Pioneer Savings and Loan Association of McPherson

Newton

First Federal Savings and Loan Ass'n. of Newton

Ottawa

Ottawa Savings and Loan Ass'n.

Parsons

First Federal Savings and Loan Ass'n. of Parsons

Pittsburg

First Federal Savings and Loan Ass'n.

Plainville

Rooks Country Savings Ass'n. of Plainville

ANNUAL FLOWERS IN LANDSCAPE PROJECT

MANHATTAN—Include a bed of annual flowers in your gardening plans this year.

Why this suggestion to 4-H'ers enrolled in the landscape design and improvement project? Larry D. Leuthold, Extension ornamental horticulture specialist, Kansas State University, Manhattan, gives some reasons.

Annuals are inexpensive, quick flowering, and give a large return on your investment.

Most annuals will bloom throughout the growing season.

No other group of plants will add as much color to the landscape.

"You'll find a wide range of flower color, size, and shape available," Leuthold comments. "Dwarf or miniature varieties are available in most species. For example, snapdragons are now available in a height range from 6 inches to 36 inches.

A record number of new varieties were released this year, the horticulture specialist reports. Petunias, as usual, lead the list with more than 30 new varieties released.

Nursery catalogues "play up" these new varieties with beautiful pictures and glowing descriptions. However, Leuthold warns, many of these will not do well under Kansas conditions.

Each year Kansas State University tests a large number of annual flowers and publishes the results.

4-H members and leaders in the landscape design and improvement project are invited to write for a list of recommended varieties before ordering seeds or plants.

Write for your copy from Larry D. Leuthold, Department of Horticulture, Waters Hall, KSU, Manhattan, Kansas 66502.

Petunias, most popular of annuals, give a good example of the problem in selecting varieties.

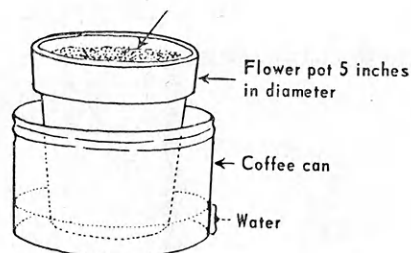
Two types of petunias are available, Multifloras and Grandifloras. The Grandifloras have large attractive flowers that are usually ruffled or fringed. These are most likely to catch your eye in the nursery catalogue. However, Leuthold explains, they are easily wind damaged and fall over easily because of the heavy flowers.

Multifloras are smaller flowered without ruffles and fringes. They bloom earlier and produce more flowers per plant than the Grandifloras. They are more vigorous, rain and wind resistant, and better suited for bedding purposes than the Grandifloras.

First on the list for 4-H'ers planning a flower bed is to do just that—plan. Plan on paper. Use masses of flowers in your design rather than stringing them out in single file.

Consider color, height, texture, and if the flowers are adapted to the locations, is the suggestion from the horticulture specialist.

You can get an idea of how much seed you need from the plan. Buy your seed early. Some 4-H'ers will want to sow seeds indoors to have a headstart on the growing season. Refer to your 4-H landscape design and improvement booklet No. 121, "Starting Annuals Indoors and Dividing Perennials" for recommended indoor sowing dates.



A flower pot of vermiculite placed in a coffee can is an excellent container for starting seeds indoors. A little water in the coffee can will keep the soil and seedlings moist.

Leuthold suggests using a clay pot filled with vermiculite for seed starting. This material is sterile and gives a good germination count.

Fill the pot to within 1½ inches of the top with coarse vermiculite, then add 1 inch of screened vermiculite that has been rubbed through a window screen.

Water from the bottom to prevent washing the seeds. You need no fertilizer for starting seeds.

As soon as the seedlings have reached the two-leaf stage, transplant them into peat pots or plant bands. Add a weak fertilizer solution after moving the seedlings to the bands.

Move the plants outdoors after all danger of frost is past. Water them frequently until the roots get established. You'll need to give them additional water during dry weather.

A bit of encouragement to 4-H'ers from Leut-

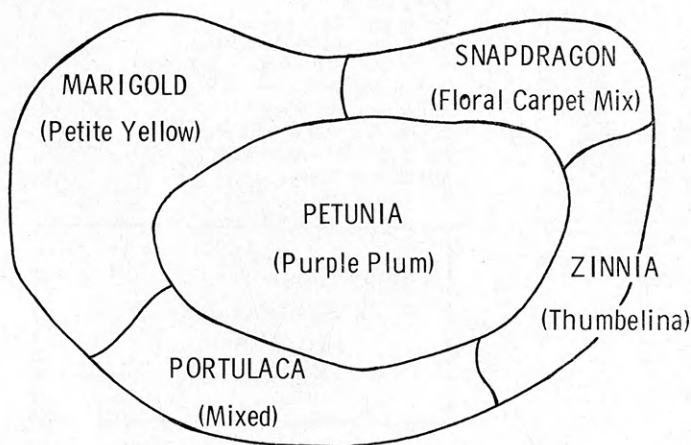
hold is, "If your thumb is even half green, success will be yours."

Seeds ordered now and planted soon will result in colorful blooms this summer as a part of a 4-H landscape design and improvement project. Now is the time to make the plan for the flower beds, select the varieties, and obtain them.

RECOMMENDED ANNUALS

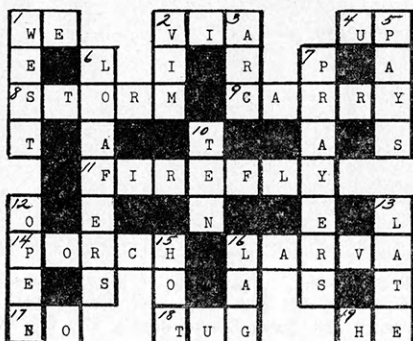
Ageratum	Blue Mink, Blue Mist
Alyssum	Carpet of Snow
Celosia	
plumed	Dwarf Fiery Feather, Forest Fire Imp.
crested	Jewel Box, Toreador
Marigold	
dwarf	Petite, Sparky, Spun Gold
tall	Diamond Jubilee, Sunspot
Petunia	
bicolor	Comet, Meteor, Satellite
white	Paleface, White satin
pink	Pink satin, pink velvet
red	Comanche Improved, Red satin
purple	Sugar Plum
Portulaca	All varieties did well
Salvia	Blaze of Fire, Fireball Improved
Snapdragon	
tall	Rocket series
dwarf	Floral carpet series
Zinnia	
tall	Bonanza, Firecracker
dwarf	Red Buttons, Thumbelina

Two Examples of Annual Flower Bed Design



To View From All Sides

Fun Page Answers



From The State Leader

On Page 3

committee membership or chairmanship, being on the program with whatever small talent available—but to a sympathetic audience, may contribute as much or more toward fulfillment of the educational objectives as the project approach. Sometimes, we have appeared slow to accept this belief, clinging to the thought that there was a sacred connotation to 'a completed project and record', somehow insisting that the club member who did not meet these requirements had not learned.

Why 4-H Days? So your boy and girl can be provided with an opportunity to practice and re-practice what they have learned and are still learning, in the context of a relaxed, informal situation. The unsure youngster, the slow developer, the shy child all have opportunity to participate, if not alone then in the friendly confines of the group. The laboriously learned piano "piece" takes on meaning, when there is opportunity to perform among friends. It is reinforcing modern society at its weakest point, that of developing participators instead of a nation of spectators.

**We Will Soon Have
Something NEW!!**

*It's Called The
Journal
Classified
Page*

Send Your Classified In Today to:

Kansas 4-H Journal
UMBERGER HALL
KANSAS STATE UNIVERSITY
MANHATTAN, KANSAS 66502

Foundation News

Weatherwax Memorial Draws Widespread Support

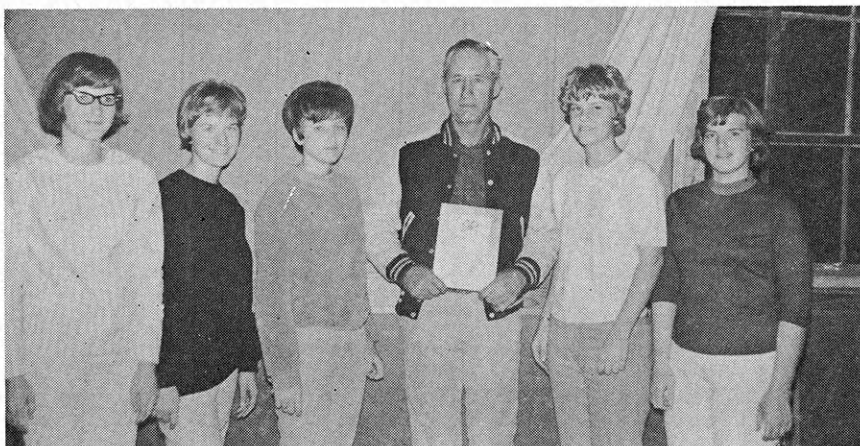
Because of interest and inquiries throughout Kansas, the following report of the Lester Weatherwax Memorial is published. At this date funds total \$1,258.50. A number of suggestions as to the type of memorial have been received and will be considered by the family and Foundation Trustees. In the meantime, as other names are added they will be published in the Journal.

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John Balthrop
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The K. M. Barklage's
Anne R. Barnes
Mr. & Mrs. Frank Barr
The Jack Bell's
Bentley Eagle 4-H
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Schulte 4-H
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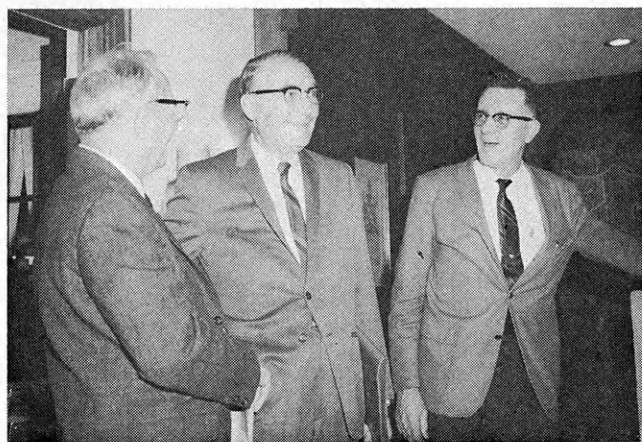


FIFTEEN YEARS SERVICE . . . Mr. Rodney Scott is pictured above after receiving a plaque for his 15 years service to the Rock Island Rockets 4-H Club of Decatur County. Left to right are: Jean Votapka, Carolyn Bennett, Ann Votapka, Mr. Scott, Sharon Cressler and Kay Kinser.

Board of Trustees Hold Annual Meeting



BEFORE MEETING . . . Ronald J. Sweat, Kenneth H. Peters and Harold E. Jones (left to right) discuss their trips to Wichita. Mr. Sweat and Mr. Peters are in the banking business and Harold Jones is the Director of the Kansas Extension Service.



AFTER THE MEETING . . . Chairman of the board Dale Critser (left) talks with Clifford R. Hope and Maurice I. Wyckoff, after the meeting. Chairman Critser and Mr. Wyckoff are bankers and Mr. Hope is a retired U. S. Congressman.

The Kansas 4-H Foundation Board of Trustees held their annual meeting in the Fourth National Bank and Trust Company of Wichita on January 24.

Chairman W. Dale Critser of Wichita was reelected to head the board for the 16th consecutive year. Other officers elected were: Dolph Simons, Lawrence, Vice Chairman, Balfour S. Jeffrey, Topeka, Treasurer, and Miss Erna Bly, Manhattan, Secretary-Assistant Treasurer.

Governor Robert Docking, was elected as Honorary Chairman of the Board.

The board elected Lester F. Weatherwax, "one of the rare men of our time" to the Wall of Fame, at Rock Springs Ranch. Mr. Weatherwax died in early November.

Members of the Board present for the meeting were: Chairman Critser, Clifford R. Hope, Harold E. Jones, Mrs. Olive Garvey, Glenn M. Busset, N. T. Veatch, Dolph Simons, Balfour S. Jeffrey, J. J. Moxley. District Chairmen: Ronald J. Sweet, Kenneth H. Peters, Maurice I. Wyckoff. Members of the Foundation Staff present were: J. Harold Johnson, Merle L. Eye-stone, Erna Bly and Jon A. Brake.



START ANNUAL MEETING . . . The Board of Trustees were ready to start the meeting when this picture was taken. Pictured left to right are: Dolph Simons, N. T. Veatch, Clifford Hope, Harold Jones, (behind Mr. Hope) Kenneth Peters and Chairman Dale Critser.



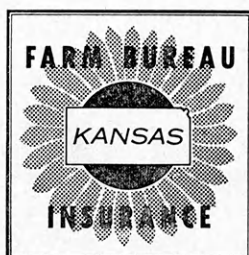


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Recreation

by
Dick Tomkinson

Recreation Workshops Stunts & Skits

Interested in "learning by doing"? Plan to attend a recreation workshop. Four workshops—one for adults and three for teenagers or junior leaders—are on the schedule in Kansas.

The **Kansas Recreation Workshop**, for adults, is April 24-28 at Rock Springs Ranch. The cost is \$30.00 per person. Adults can gain skills and knowledge they can share with their family and clubs, plus learning recreation skills for their own enjoyment.

This year the topics offered are magic, music, social recreation, square dancing, family camping, photography, forestry, dramatics, crafts, hunting and fishing, and group dynamics. Contact your Extension Agent for a brochure about this workshop.

Many 4-H clubs and councils would profit by sending some 4-H leaders to the workshop. The groups can encourage attendance by paying the workshop fee. Leaders will learn and share recreation with the 4-H'ers on their return.

**THREE WORKSHOPS FOR
TEENAGERS ARE OFFERED
THIS YEAR**

**4-H ROUND-UP AT KANSAS
STATE UNIVERSITY, JUNE
5-9.** For the second year, a special camp counseling and recreation workshop is planned dur-

ing Round-Up Week for 14-19 year olds. Teenagers will learn skills and information to use in their county camps, day camps, 4-H meetings, and family leisure time. It's a small Kansas Recreation Workshop. Crafts, social recreation, vespers and ceremonies, music, nature study, and camp counseling are explored. Leaders should encourage older 4-H'ers, who can profit from this training and who will share it, to obtain details from their agents.

SOUTHWEST JR. COUNSELORS AND RECREATION CAMP, MAY 31-JUNE 2

Counties, camping at Southwest Camp Dodge City, are encouraged to send their junior leaders and older teens to this training event. For more information on classes and cost, contact Eleanora Leikam, H.E.A., Courthouse, Cimarron, Kansas.

Junior leaders trained at this camp assist with their own county camps. Also they use the training and skills throughout the year in club programs.

CO-OP YOUTH LEADERSHIP CAMPS, JUNE 13-17, 20-24, 27-JULY 1

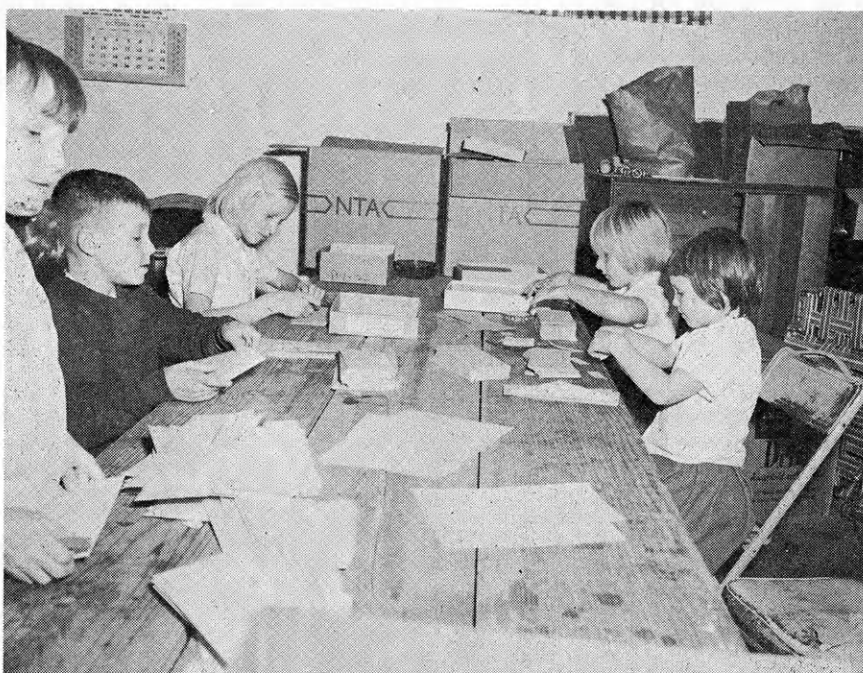
Farmland Industries offer a number of training workshops in Missouri. Ask your local co-op or extension agent about this training.

Co-ops sponsor young people from 4-H, FFA, and FHA to these workshops. One area of leadership training is in recreation. If your local co-op doesn't have information about this, write to Alan Smith, Farmland Industries, Box 7305, Kansas City 15, Missouri for information.

Your clubs and communities can add interest and variety to their recreation programs. One way to do this is send adults and junior leaders or teenagers to a recreation workshop.

STUNTS AND SKITS

John Orr of the Nebraska 4-H and youth staff, who works with recreation, is writing a bulletin on stunts and skits. Here are some of his good ones you can enjoy.



The Glenwood 4-H Club worked over 300 hours after school, on Saturdays and school holidays, to help send Christmas seals in Leavenworth County. Pictured (L to R) Deborah Kelly, Dennis Kelly, Debbie Quinn, Diane Quinn, and Kathleen Kelly.

Forgetful

Dad is seated at the breakfast table reading the paper and comments on how the family and others are so forgetful.

Son forgets his books, sister her lunch money and mother forgets about his brief case. Each receives a lecture.

When dad gets ready to leave the table for the office, he gets up from the table dressed in a suit and tie but no trousers, (swimming trunks) and walks off stage.

The Candy Store

Two or three unsuspecting people are brought forward and asked to hold their hands above their heads to represent Lollipops. Then people come into the store and ask for candy. The storekeeper replies that he is sorry but all he has left are the two or three suckers standing there.

Pops in the Jam

One or two people walk on stage crying. Gradually more and more come on stage crying just as the first two did. When everyone has come on stage crying, someone asks what is wrong. They answer in unison "we're strawberries and our pop's in a jam."

The Enlarging Machine

The leader plays the part of a

television MC who has the great scientist that help win WWII with his enlarging machine. He demonstrates with a ping pong ball and it comes out a volleyball. Then a wash cloth comes out a beach towel. Finally a lady walks up with her baby and asks if the scientist can enlarge her baby. They put the baby in the machine and a little later a full grown person dressed in a diaper comes dashing out of the machine and off stage.

Side Show

This skit is good for boys. Several boys dress up in women's clothes, as old and silly and raggedy as possible; it's fun to wear men's shoes, too. To a background of Charleston-type music, the boys come running out on the stage and start doing the can-can together in a line. After a few seconds of this, they jump off the stage and run into the audience and flirt with the men and boys, sitting on their laps, etc. Then they all run back to the stage and out the stage door. The audience always seems to like this skit and generally yells for more after the boys have come out the first time.

Kansas 4-H Appreciation Week, June 5-10. Watch for details in April Journal.

4-H Journal *Family Fun Page*

Tom: What's worse than a giraffes sore neck?

Jack: I don't know.

Tom: A Centipede's sore feet.

Dolores Dian Unrein
Hays, Kansas

Q. Why do birds fly South?

A. Because its to far to walk.

Lenis Weaver
Barnes, Kansas

Joe: How do you stop a charging elephant?

Jim: Beats me!

Joe: Take his credit card away.

Jerrine Palmquist
Lindsborg

Will: What is 5q. and 5q.?

Jill: 10q., I guess.

Will: Your very welcome.

Celinda Stephenson
Holton, Kansas

Bill: Santa Clause has only seven reindeer this year.

Joe: Why?

Bill: Comet stayed home to clean the sink.

Justin Bowen
Sylvia, Kansas

Jim: Why can't Batman go fishing?

Jerry: I don't know. Why?

Jim: Because Robin keeps eating all of his worms.

Greg Powers
Kincaid, Kansas

Gene: What kills most of the people in a car?

Dean: Beats me.

Gene: The nut behind the wheel.

Karla Jean Gustason
Russell, Kansas

Teacher: Name five things that contain milk.

Barry: Butter, cheese, and ice cream and-and-two cows.

Janis Coleman
Olathe, Kansas

"LIGHTENING BUG" CROSSWORD

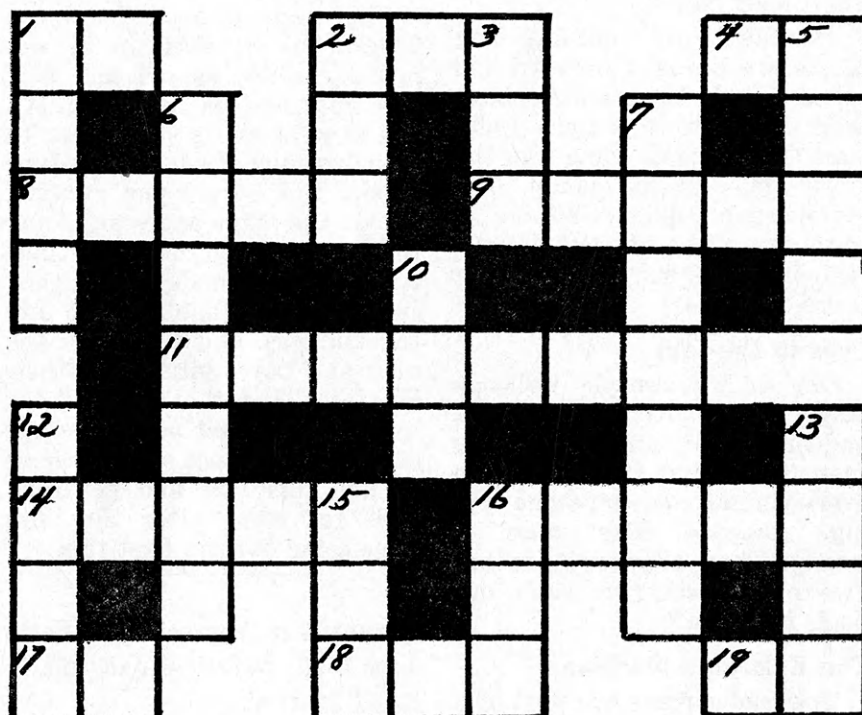
ACROSS

1. You and me
2. By way of
3. From bottom to top
8. Hurricane or tornado
9. Haul
11. Lightning bug
14. Structure on front of a home
16. Early stage of insect
17. Negative answer
19. That boy

DOWN

1. A direction
2. Energy
3. Half a circle
5. Gives money for purchase
6. People who won't work
7. Humble requests
10. One-half of twenty
12. Not closed
13. Tardy
15. Very warm
16. Trail behind

Answers on page 19



Read This:

YYUR

YYUB

ICUR

YY4Me

A. Too wise you are.

Too wise you be.

I see you are.

Too wise for me.

Belinda David
Rose Hill, Kansas

Awards To Brookville 4-H

The Brookville 4-H Club was well represented at the Saline County Soil and Water Conservation Banquet. The two top awards were presented to Jolene Diehl, for her Wild Life conservation program, and Linda Forward for her Soil and Water conservation projects. Both received a twenty-five dollar savings bond and an airplane ride to be given in the spring.

Nancee Wikoff accepted a three dollar check for the club's water conservation booth at the fair.

Dana Laas
Brookville 4-H Reporter

AWARD WINNERS



I'm earning Boy Scout equipment. I'm going to keep on selling until I have all the equipment I need.
Johnnie Mullis, S.C.



It gives you a wonderful feeling to be able to say "I earned it myself."
Terry Ann Miller, Va.

Terry Ann Miller and Johnnie Mullis earned money and prizes selling American Seeds to their family, friends and neighbors, and each won an extra award in our promptness contest.

We need 20,000 more boys and girls like Terry and Johnnie to sell seeds and earn prizes. Read below how easy it is to Learn to Earn with American Seeds.



EXTRA! \$3000 IN CASH AWARDS
Given Away in Our Promptness Contest
\$1000 U.S. Savings Bond—Plus \$2000 more in Runner-up Awards

Imagine! A \$1000 U.S. Savings Bond for your very own, to spend as you wish or to save for your future education. Get started right away—send for your seeds and Big Prize Book today. Then, in addition to the prizes or money you earn selling seeds, you may also win one of 18 big EXTRA AWARDS. Contest information is sent with your seeds.

Save for College or Spend it Now!



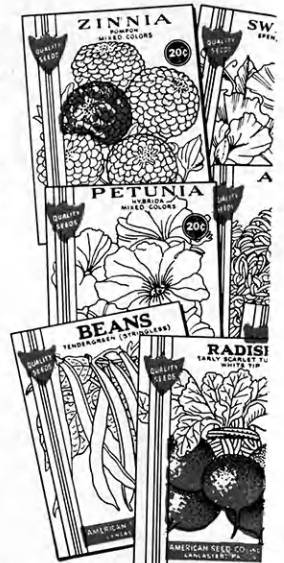
MAKE MONEY GET PRIZES

with Fast Selling American Seeds

Take your choice of 100 wonderful prizes. You can earn as many as you want—quickly, easily. Most prizes shown here and many more in our Big Prize Book are given **WITHOUT COST** for selling just one 45-pack order of American Vegetable and Flower Seeds at 20c a pack. Some of the larger prizes require more sales or extra money as explained in the Big Prize Book.

Send NO MONEY, We Trust You

Everybody wants American Seeds. They're fresh and ready to grow. You'll sell them quickly to family, friends and neighbors. Many boys and girls sell their packs in one day. You can too—and get your prize at once. Or, if you want money instead of a prize, keep \$3.00 for every 45-pack order you sell. There's no risk; any unsold packs may be returned. Mail coupon in an envelope today for your Seeds and Big Prize Book.



MAIL ONE COUPON TODAY

AMERICAN SEED CO., Dept. 785, Lancaster, Pa. 17604

Please send me your Big Prize Book and one order of 45 packs of American Seeds. I'll sell them at 20c a pack, send you the money and choose my prize. Send seeds checked.

☐ All Flower Seeds ☐ Mixed Vegetable and Flower Seeds

Name _____

Address _____

Town _____ State _____ Zip Code _____

GIVE THE OTHER TO A FRIEND

AMERICAN SEED CO., Dept. 785, Lancaster, Pa. 17604

Please send me your Big Prize Book and one order of 45 packs of American Seeds. I'll sell them at 20c a pack, send you the money and choose my prize. Send seeds checked.

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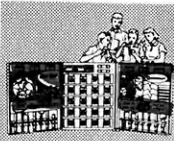
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Our 49th Year



Transistor Radios



Chemistry Sets



Flash Camera Outfits



Complete Fishing Outfits



Junior Typewriters



Axe & Knife Sets



Wrist Watches



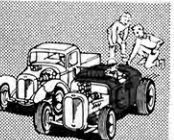
Daisy Air Rifles



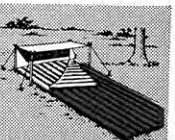
Pool Table Set



Girl's Travel Case



Model Hot Rod Sets



Sleeping Bag



Tape Recorder



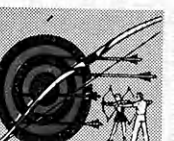
Baseball Gloves



Telescope & Stand



Jr. Guitars



Complete Archery Outfits



Gemini Rocket



Basketball and Goal



Mountain Tent



Wireless Walkie-Talkie



Croquet Set



Knapsack



Hair Curler



Stop Watch



Polaroid Camera



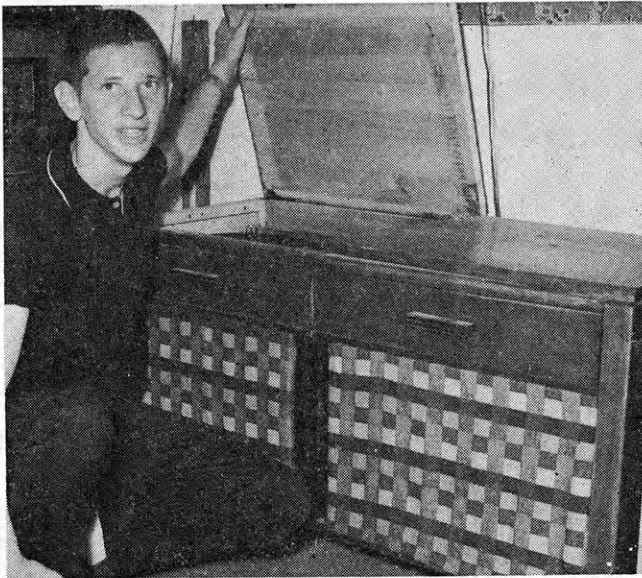
Baseball Shoes



Microscope Sets



Clutch Purse & 100 Photo Wallet



Steve Mueller, Montgomery county, made this stereo from parts of discarded appliances. He used an amplifier and speakers from several old radios to combine with a record player and now enjoys music in his workshop.

Steve Mueller is An Active 4-H'er and Leader For Younger Members

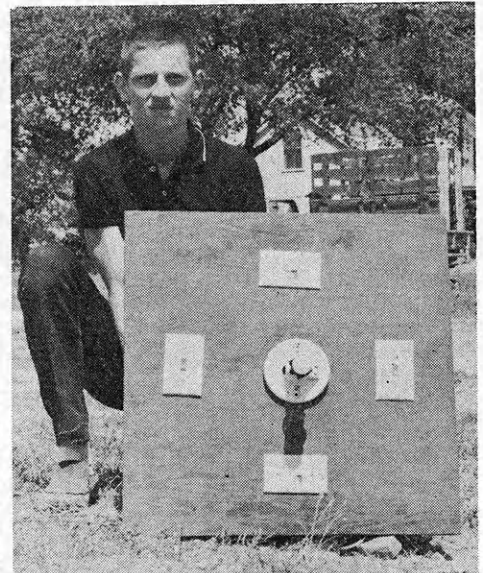
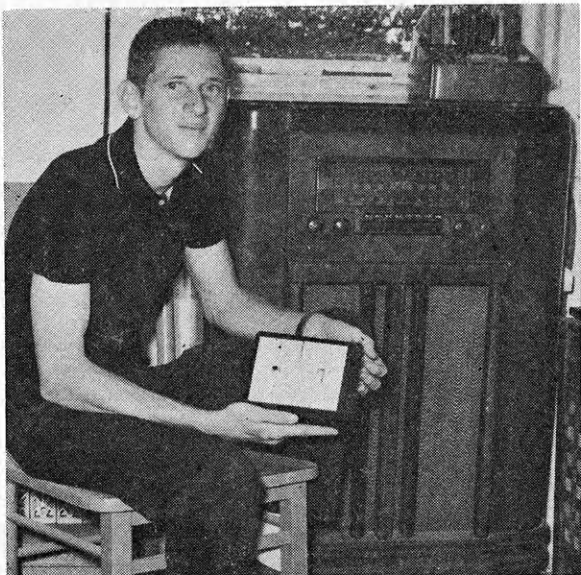
Steve Mueller, a member of the Dearing Bees 4-H Club of Montgomery county, has worked with Electric projects five of his nine years in 4-H. For the past two years he has worked in the Advanced phase concentrating on the more complicated equipment. He likes to re-work old equipment and remodel it to make something different and useful.

Steve is the leader for four younger 4-H members of his club who are working in the basic phase of the 4-H Electric project. A licensed amateur radio operator, he plans to attend college to study electronics. Of his radio work he says, "Ham operators are useful in disaster when power has failed."

Steve holds a delay switch, made this past year, and tells of plans for his next project, a receiver and transmitter which will be made from parts of several old televisions. An old radio and intercom are in the background.

Used recently at a 4-H club outdoor party, this yard light is handy around the Mueller home.

This four-way switch demonstration board was Steve's project in an earlier year. Observing other 4-H'ers in this project sparked his interest in the Electric project, but he adds that help from a good leader was important.



* Watch This Page For Ideas On Farm And Home Electric Projects
ELECTRIC LIGHT and POWER COMPANIES in KANSAS

The Kansas Power and Light Company
Kansas City Power & Light Company
Western Power and Gas Company, Inc.

Central Kansas Power Company
Kansas Gas and Electric Company