

# PROJECT SELECTION GUIDE FOR 4-H CLUB MEMBERS

*North Carolina*



WELCOME to the 4-H Club, the world's largest rural youth organization. Many interesting experiences are ahead for you and your family. There will be opportunities for you to have and work with something of your own. You will use your Head, Heart, Hands, and Health as you plan, work, and play in the 4-H Club.

THE 4-H CLUB is an organization of boys and girls from 10 to 21 years of age who are interested in home-making, farming, personal improvement, and community relations. Membership is voluntary. Club work is a part of the Agricultural Extension Service of the North Carolina State College, the United States Department of Agriculture and your county. Your Extension county agricultural and home economics agents and assistants, working through your 4-H adult leaders, will help you with your individual club work. Your community 4-H Club leader will enroll you in a project and a 4-H subject matter leader will help you carry your project to completion.

FOUR-H CLUB MEMBERS are expected to do the following:

1. Enroll in at least one project.
2. Enroll in the Health Improvement activity.
3. Keep an accurate record of the project and the Health Improvement activity.
4. Exhibit the project, or parts of it, in the home, community, county, or other places.
5. Attend local, county, and other 4-H meetings.
6. Appear on local and other 4-H programs.
7. Do all work in connection with project, as far as possible. Try each year to enlarge project, or projects, over the previous year. Take part in demonstrations, judging teams, exhibits, and other such 4-H activities which will improve quality of the project or projects.

8. Write a story telling how the project was carried out.
9. Turn in completed project and health record books.

SELECTING A 4-H PROJECT will be an important decision for you. You will need the help of your parents, and together you will want to consider:

1. The needs of the family.
2. The money it will take.
3. The space or equipment available.
4. The time it will require.
5. The support you can depend on from your family.
6. The use or the market of the product.
7. How project fits needs of your community and county.

After you and your family have considered these points, review the projects listed in this circular. Together decide the project or projects you will take for the year. Check on the project selection card which will be given to you the project or projects you have chosen. When you have returned the card, your Leader will give you your record book and a manual which will outline the requirements for completion.

PROJECTS AVAILABLE. On the following pages will be found a brief description of the projects available to 4-H Club members. Club members should read carefully the description and requirements and choose the project or projects best fitted to their ability and to their farm, home, and community situation.

HEALTH IMPROVEMENT is a part of all 4-H projects and 4-H activities. Each year you will carry it as a 4-H activity along with your projects. You will make individual health improvements and will promote family and community health improvements. You will work as an individual and jointly with other 4-H club members. You will begin with simple improvement and make progressively more complex ones as a pre-teen, early-teen and senior-teen.

## Agricultural Engineering Projects

### Automotive Care and Safety—Unit I

(15-year-old club member)

This is a project to learn and appreciate an automobile. Unit I deals with highway safety, carkeeping, record keeping, and simple principles of power operation.

### Automotive Care and Safety—Unit II

(16-year-old club member)

In this unit you will learn about the engine, carburetor, ignition, cooling system, tires, lubrication, and safe car handling.

### Automotive Care and Safety—Unit III

(16-17-year-old club member)

In this unit you will learn more about the principles of the car, such as the carburetor and ignition system. Efficient driving, how to buy a used car, and safety are also included.

### Electric

The 4-H Electric Project has 3 units: First year, second year, and advanced. In the first-year unit, as a beginner, you learn some basic information about electricity and its many uses. The second year and the advanced units are for older members and provide many ideas for using electricity and preparing demonstrations.

### Safety

You will conduct the 4-H Safety Project by studying the hazards found in the home, on the farm, and on the highway, and then removing or eliminating these hazards. The purpose of the project is to help prevent accidents and to give club members a part in making the farm and home safer.

### Tractor Care (A Unit—1st year)

In this project you learn about tractor safety, what makes an engine run, lubrication, oil for engines, the hydraulic system, fuel and air mixing, and the ignition and cooling systems of engines.

### Tractor Care (B Unit—2nd year)

In this unit you learn about ignition systems, fuel saving, valves and valve service, steering, front wheel care, power transmissions, care of tires, trouble shooting, and winter care.

### Tractor Care (C Unit—3rd year)

This project teaches you how to service the tractor and keep cost records on its use.

### Machinery Care (D Unit—4th year)

In this unit you will learn about nuts, bolts, screws, rivets, balls, transmitting power, tools for breaking the soil, tools to work the soil, hitching the tractor to a plow, servicing seed planters, and seed separation equipment.

# 4-H Project Selection Card

196—

NAME \_\_\_\_\_  
LAST FIRST MIDDLE

ADDRESS \_\_\_\_\_ TELEPHONE \_\_\_\_\_

PARENTS' NAME \_\_\_\_\_  
LAST FIRST MIDDLE

NAME OF 4-H CLUB \_\_\_\_\_

HEALTH is to be carried by each club member as an activity

- ☐ Pre-teen Health Improvement
- ☐ Early-teen Health Improvement
- ☐ Senior-teen Health Improvement

## ENGINEERING DEPARTMENT

- ☐ Automotive (Unit I)\*\*
- ☐ Automotive (Unit II)\*
- ☐ Automotive (Unit III)\*
- ☐ Electric (Pre-teen)
- ☐ Electric (2nd yr.)
- ☐ Electric (Advanced)
- ☐ Tractor (A Unit-1st yr.)
- ☐ Tractor (B Unit-2nd yr.)
- ☐ Tractor (C Unit-3rd yr.)
- ☐ Machinery Care (D Unit-4th yr.)
- ☐ Safety

## AGRONOMY DEPARTMENT

- ☐ Corn
- ☐ Cotton
- ☐ Peanuts
- ☐ Tobacco
- ☐ Small Grain
- ☐ Soil & Water Cons.
- ☐ Forage Crops
- ☐ Soybeans
- ☐ Soil Testing

## DAIRYING DEPARTMENT

- ☐ Dairy Calf
- ☐ Dairy Production (Cow)
- ☐ Dairy Herd Management  
(3 or more cows)

## MARKETING DEPARTMENT

- ☐ Grain Marketing

## ENTOMOLOGY DEPARTMENT

- ☐ Collection & Study of Insects
- ☐ Control of Insects
- ☐ Beekeeping

## FORESTRY DEPARTMENT

- ☐ Tree Identification
- ☐ Forest Tree Planting
- ☐ Timber Stand Improvement
- ☐ Forest Protection

## HORTICULTURE DEPARTMENT

- ☐ Garden
- ☐ Commercial Vegetables
- ☐ Home Grounds Beautification
- ☐ Blueberries
- ☐ Dewberries
- ☐ Strawberries
- ☐ Grapes

## LIVESTOCK DEPARTMENT

- ☐ Fat Steers
- ☐ Breeding Cows
- ☐ Brood Sow
- ☐ Market Pig
- ☐ Breeding Ewes
- ☐ Fat Lambs

## POULTRY DEPARTMENT

- ☐ Poultry (Turkey) Raising
- ☐ Grow Better Pullets
- ☐ Broiler Production
- ☐ Laying Flock Management

\*\* Must be 15 or older

\* Must be 16 or older

## CLOTHING DEPARTMENT

### Clothing

#### Pre-teen

- ☐ The ABC's of Sewing
- ☐ My First Skirt and Blouse
- ☐ A Summer Outfit

#### Early-teen

- ☐ A School Dress
- ☐ Lounge Wear

#### Senior-teen

- ☐ Practical Outfit
- ☐ Best Dress Outfit
- ☐ Versatile Outfit
- ☐ Party or Evening Dress
- ☐ Wool Ensemble
- ☐ Better Grooming

## FOOD CONSERVATION AND MARKETING DEPARTMENT

### Canning

#### Pre-teen

- ☐ First Year
- ☐ Second Year

#### Early-teen

- ☐ First Year
- ☐ Second Year

#### Senior-teen

### Frozen Foods

- ☐ Pre-teen
- ☐ Early-teen
- ☐ Senior-teen

#### Crafts

- ☐ Marketing (Curb, Roadside, etc.)

## FOODS-NUTRITION DEPARTMENT

### Food Preparation

#### Pre-teen

- ☐ Adventures in the Kitchen
- ☐ Unit I—Cooking the 4-H Way
- ☐ Unit II—Cooking the 4-H Way

#### Early-teen

- ☐ Unit III—Cooking the 4-H Way
- ☐ Outdoor Meals (Beginning Cooks)

#### Senior-teen

- ☐ Foods for Special Occasions
- ☐ Outdoor Meals (Advanced Chefs)
- ☐ Baking

## WILDLIFE DEPARTMENT

- ☐ Pre-teen
- ☐ Early-teen
- ☐ Senior-teen

## 4-H DEPARTMENT

- ☐ Recreation
- ☐ Junior Leadership (Senior-teen only)

## FAMILY RELATIONS DEPARTMENT

### Child Care

#### Pre-teen

- Music and Stories With Children

- ☐ First Year

- ☐ Second Year

- ☐ Third Year

#### Early-teen

- How Children Grow

- ☐ First Year

- ☐ Second Year

#### Senior-teen

- ☐ Activities with Children in Groups

## HOUSE & HOUSE FURNISHING DEPARTMENT

### Home Improvement

#### Pre-teen

- ☐ Start with A Small Change

#### Early-teen (Select One):

- ☐ Study Area

- ☐ Storage Area

- ☐ Sleeping Area

- ☐ Dressing Area

#### Senior-teen (Select One):

- ☐ Pull Your Room Together

- ☐ Other Rooms Need Help

## HOME MANAGEMENT DEPARTMENT

### Home Management

- Jr.—Select One Unit

- Sr.—Select Two Units

- ☐ Unit I —Help Mother with Housecleaning

- ☐ Unit II —Teen-age Laundry Talk

- ☐ Unit III—Ironing the New Way

- ☐ Unit IV—Steamline Dishwashing & Make it Fun

- ☐ Unit V —Steps to Easier Bedmaking

### Money Management

- ☐ Unit I —Your Money and You

- ☐ Unit II —My Money—Where Does It Go?

- ☐ Unit III—4-H'ers Learn Banking

## FARM MANAGEMENT DEPARTMENT

- ☐ Career Exploration

## INFORMATION DEPARTMENT

### 4-H Communications (Senior-teens)

- ☐ Writing 4-H Club News

- ☐ 4-H On the Air

- ☐ Televising the 4-H Story



## ENROLLMENT FORM FOR 4-H MEMBERSHIP

196 \_\_\_\_\_  
Year Enrolled

Boy ☐

Girl ☐

Name \_\_\_\_\_  
Last First Middle Date of Birth \_\_\_\_\_ Age \_\_\_\_\_

Address \_\_\_\_\_ Telephone No. \_\_\_\_\_

Parents' (Guardians') Name—Mr. & Mrs. \_\_\_\_\_  
Last First Middle

In what community do you live? \_\_\_\_\_ On what road \_\_\_\_\_

Name of your School 4-H Club \_\_\_\_\_

Name of your Community 4-H Club \_\_\_\_\_ 4-H Leader \_\_\_\_\_

Community 4-H Club Leaders \_\_\_\_\_

Name of church you attend \_\_\_\_\_ Where do you live? Farm \_\_\_\_\_ Rural non-farm \_\_\_\_\_ Town \_\_\_\_\_

As a member of the 4-H Club, I agree to follow the instructions and recommendations furnished me by my community 4-H Club Leaders and extension agents in conducting my 4-H Projects and to turn in a record when the project is completed.

Signed \_\_\_\_\_  
(Name of Member)

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### 4-H Club Work Trains Farm Youth In The Art of Living

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#### 4-H PERMANENT RECORD

[illegible]

(Fill out the following when member finishes 4-H Club career.)

Total Years in Club Work \_\_\_\_\_ Total Number Projects Completed \_\_\_\_\_

High School Graduated From

Year

Name of College Attended

Present Occupation \_\_\_\_\_ Present Address \_\_\_\_\_



# Nutrition Projects

## Pre-Teen

### Adventures in the Kitchen

This unit is for 4-H girls who have never enrolled in Foods-Nutrition before. There are 10 cooking adventures. You will learn to prepare and serve cookies, milk drinks, salads, deviled eggs, sandwiches, frankfurters, and muffins. You will end the unit with a family cookout meal.

### Cooking the 4-H Way—Unit 1

You will prepare an entire meal (lunch or supper). You will prepare these foods: enriched cornbread, simple desserts, salads, sandwiches and soups. The unit includes: meal planning and preparation for lunch or supper, nutrition, correct table setting, dishwashing, and table manners.

### Cooking the 4-H Way—Unit 2

You will prepare and serve breakfasts and additional dishes for lunches. The dishes are vegetables, fruits, biscuit mixes, cereals, beverages, meat alternate dishes, and eggs. The unit includes meal planning and preparation for lunch and breakfast, nutrition, and correct table setting, dishwashing and table manners.

## Early Teen

### Cooking the 4-H Way—Unit 3

This unit includes planning menus, shopping for gro-

ceries, preparing and serving all meals for your family for a week. You will prepare and serve meats, casserole dishes, yeast breads, cakes, pies, and vegetables.

### Outdoor Meals (Beginning Cooks)

Beginners make a Buddy Burner, cook four or more foods listed in manual, and plan, cook and serve four or more outdoor meals.

## Senior Teen

### Foods for Special Occasions Unit

You will learn how to plan and prepare special meals for your family and friends. These include parties, outdoor meals, company dinners, and family meals.

### Outdoor Meals (Advanced Chefs)

Fifteen-year-olds and above will use the Buddy Burner, cook over open fire, plan, cook and serve meals including breakfast, lunch and dinner, give a demonstration and prepare an exhibit on outdoor meals.

### The Baking Unit

This unit gives opportunity for practice and for fun with baking. You will make biscuits, cornbread, griddle cakes, waffles, yeast breads, cakes and frostings, pies, pastries and cookies.

# Family Relations Projects

## Child Care

Since most young people do grow up and have children of their own, this series of child care projects gives opportunities for actual experience with young children. This is valuable preparation for the future. This project is open to boys and girls.

You may take these projects just for fun. You will receive a certificate award to help you evaluate your work. There will be no competition for a county, district, state, or national award.

**PRE-TEEN—Music and Stories With Children**—This project will help you learn about music and stories that

little children like. You will have fun carrying out the activities with a child.

**EARLY TEEN—How Children Grow**—You will learn what helps children to grow and develop and will have an opportunity to provide some of the experiences little children need. You may learn more about yourself and how you have come to be the person you are.

**SENIOR TEEN—Activities For Children In Groups**—Besides learning about children by working with them in a group situation, you will be of service in your community. You may choose to work with little children at church, in a nursery at adult club meetings, or even a neighborhood play group which you may organize.

# Housing and House Furnishings Projects

## Home Improvement

The project offers the opportunity to help and encourage the boys and girls in making comfortable, convenient, and attractive homes. The Pre-Teen *Start With a Small Change* is designed for a member with limited experience in furnishing and caring for a room (enough material for 3 years outlined). The Early-teen *Wake Up!! Furnish an Area*

gives a choice of sleeping, dressing, storage, or study areas. In each area the necessities, along with storage, lighting, and accessories, are included. More than one area may be completed in one year. Senior-teens have offered to them *Pull Your Room Together* or *Other Rooms Need Help*. This project is more inclusive of home furnishing and housing for the young homemaker.

# Home Management Projects

## Home Management

This project will give you an opportunity to share in doing housekeeping jobs by the easiest and shortest method. The project includes five units: *Help Mother with Housecleaning*, *Teen-Age Laundry Talk*, *Ironing the New Way*, *Streamline Dishwashing* and *Make It Fun, and Steps to Easier Bedmaking*. To complete a project, pre-teen and early-teen club members will complete at least one unit. Senior-teens will complete at least two.

## Money Management

This project will give you an opportunity to learn about the management of money. The project includes three units: *Your Money and You*, *My Money Where Does It Go?*, and *4-Hers Learn Banking*. To complete the project, pre-teen and early-teens will complete at least one unit. Senior teens will complete at least two units.

# Other 4-H Projects

## Recreation

This project will give you a chance to plan and direct recreation in your home, club, community, and county in the following areas: Social, Music and Drama, Arts and Crafts, Nature Lore, Folklore, Sports, and Outdoor Recreation.

## Junior Leadership

The Junior Leadership project is for 4-H members 14

years of age and over (Senior Teens) who have completed at least 2 years of project work in previous years. In the project, you will have an opportunity to assist and work with your 4-H adult leader in the community. You will also assume certain responsibilities such as assisting younger club members with projects and records; assisting with community and county activities; and taking advantage of any training offered to Junior leaders.

PREPARED BY

The State 4-H staff and subject matter specialists

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## Agronomy Projects

### Corn

You are required to grow one or more acres and follow recommendations in the *4-H Corn Club Manual*. You will learn the recommended practices of producing corn, which will include good seed, soil preparation, fertilization, cultivation, harvesting, storage, and marketing.

### Cotton

You are required to grow one or more acres and follow recommendations of the county Extension agents. This project will teach you the latest improved methods in producing, harvesting, and marketing cotton.

### Forage Crops

You have 2 choices in the forage crop project: You may start 1 or more acres or maintain 2 or more acres of an annual or perennial crop for grazing, hay, or silage.

### Peanuts

You are required to grow one or more acres of peanuts. In this project you will learn about soil selection, fertilization, varieties, seed treatment, cultivation, disease control, insect control, application of land plaster, harvesting, and marketing of peanuts.

### Tobacco (Flue-cured)

You are required to grow 0.3 or more acres and follow recommendations outlined in the *4-H Flue-cured Tobacco Manual and Record Book*. This project offers an opportunity to learn tobacco plant production, disease and insect control, soil conservation, fertilization, spacing, cultivation, topping, suckering, harvesting, curing, grading, and marketing.

### Tobacco (Burley)

To complete this project you have to grow 0.2 or more acres and follow recommendations outlined in the *4-H Burley Tobacco Manual and Record Book*. This project offers you an opportunity to learn the best known meth-

ods of plant production, disease and insect control, rotations, fertilization, transplanting, cultivating, topping, suckering, harvesting, curing, grading, and marketing.

### Tobacco (Aromatic)

To complete project, grow 0.2 or more acres and follow recommendations in *Aromatic Tobacco Production*, (Rev.) Circular 375. Project offers you an opportunity to learn the best methods known for plant production, disease and insect control, rotations, fertilization, transplanting, cultivating, harvesting, curing, baling, and marketing.

### Small Grain

You are required to grow two or more acres of wheat, oats, barley, or rye, and follow the recommendations as outlined in the *4-H Small Grain Manual*. You will learn about seed bed preparation, adapted varieties, fertilization, date of planting, and disease and insect control.

### Soil and Water Conservation

To conduct this project you will make a soil conservation plan for the farm; establish three new approved farm practices; write a story covering the condition of the farm at the beginning of the plan, progress since making the plan, descriptions of practices established, and what has been learned from the project.

### Soybeans

You are required to grow 2 or more acres of soybeans. As you grow crop, you will learn soil testing, insect control, seed treatment, cultivation, harvesting, storage, and marketing practices as they apply to soybeans.

### Soil Testing and Fertility

To conduct this project you must sample a field for a soil test, sketch the field sampled, fill out information sheet on field, figure out total amount of fertilizer needed per field and total amount of fertilizer, lime, or land plaster needed on the farm. You will also note results.

## Dairying Projects

### Dairy Calf

You are required to have 1 or more animals approved by Extension agents and must agree to feed and care for animal according to recommendations in the *4-H Dairy Calf Manual*, exhibit 1 or more animals in a show, if possible, and breed heifers to good sires approved by Extension agents. This project will teach you the best methods of selecting a calf, care of the animal to maturity, fitting animals for shows, training animals to lead, clipping, showing animals in a dairy show, and how to keep records.

### Dairy Production (Cow)

The 4-H Dairy Production Project deals with keeping production records on one or more dairy cows for one

year. To conduct this project you will weigh the feed and milk once a month, calculate total feed and milk for month, and get a butter fat test run once a month, if possible. The record provided must be kept and submitted to the county agent. A separate record is kept on each cow.

### Dairy Herd Management

You will keep a record on a herd of purebred or grade milking cows. Your record will help you to know the amount of milk produced per year and the grain consumed per year by the herd. Project begins September 1 and ends August 31 the following year. This is a more advanced project and is best suited for members who have had previous experience in dairy projects.

## Entomology Projects

### Collection and Study of Insects

You will collect at least 75 different kinds of insects, each of which you will identify, label, and mount.

### Life History and Control of Insects

You may choose to study the life history and control of insects in 4 different places. Home, garden, on livestock, or on 1 agricultural crop. Make detailed study of

at least 1 of the insects found, and control 1 or more of these pests.

### Beekeeping

You will work with one or more colonies of bees in movable frame hives for a year. You will learn how to manage bees properly; to use equipment for personal protection; to take inventory of equipment; to keep a labor, expenses, and receipts record; to judge condition of the colony; and to know honey and pollen plants.

## Farm Management Projects

### Career Exploration

This project is for club members in the eighth grade or above. It should be carried in addition to other projects. It is designed to help you select a vocation. You

will have the opportunity to learn about yourself, your interests, and abilities. You will make tours, interview a minimum of four people engaged in different occupations, compare the occupations, and determine the occupation which most appeals to you.



## Forestry Projects

### Tree Identification

The project has three requirements:

1. Collect 20 or more specimens of leaves of trees found locally and mount or print these leaves in a looseleaf notebook, or collect 20 or more wood specimens found locally and mount the specimens on wood boards.
2. Name the specimens collected by scientific and common names and give the uses of the trees or wood.
3. Name 10 forest trees which furnish food for birds or game animals.

### Forest Tree Planting

To conduct this project you have the choice of planting or underplanting one or more acres of pine, red cedar, Norway spruce, red spruce, or Fraser fir.

### Timber Stand Improvement

This project requires that you improve the stand of

one or more acres of pine, yellow poplar, or mixed hardwood by removing the undesirable and over-crowded trees early in the life of the stand.

### Forest Protection

In this project you may choose one of the following units.

1. *Forest fire protection in the county*—You will visit a lookout tower, study an area of burned-over woodland and an area of land not burned over, make a comparison of plant and insect life and fire injury in both areas, get acquainted with fire protection tools found on farm, and draw map of the farm woods.
2. *Protection from woodland grazing*—This includes a study of a .01 acre plot of an area which has been grazed by livestock and a .01 acre plot one year after livestock has been kept out of the woods.

## Horticulture Projects

### Commercial Vegetables

No minimum acreage required. You must sell at least one-half of the products grown. You may grow one or as many different vegetables as you choose such as sweet potatoes, beans, peppers, watermelons, etc.

### Garden

A *junior club member* will plant at least 150 feet of row space as a spring garden and use at least eight different kinds of vegetables, including at least 14 tomato plants. Plant at least 50 feet of row space for a fall garden, using four different kinds of vegetables.

A *senior club member* will plant at least 300 feet of row using 12 kinds of vegetables, including at least 25 tomato plants. You are required to plant at least 150 feet of space in vegetables for the fall garden, using at least six kinds of vegetables. Note different requirements for juniors and seniors in the *4-H Garden Record Book*.

### Home Grounds Beautification

To conduct this project you will have to read the *4-H Home Grounds Beautification Manual*, fill out a check

list on needed improvements, and make at least 8 improvements during year. Make drawing of yard as it is and as you wish it to be. Make pictures of yard as it is now, while improvements are being made, and after completion.

### Small Fruits

You may conduct one or more of these projects. Keep each in a separate record book. As you take any one of these, you will learn how to plant, fertilize, prune, spray, harvest, and market.

Secure and plant a minimum of:

Blueberries—100 plants

Dewberries—100 plants and increase to 500 by second year  
Bunch grapes—15 vines; 3 different varieties increased to 100 plants by third year

Muscadine grapes—10 vines; increase to 50 vines as is possible

Black raspberries—100 plants; increase to 500 by second year

Red raspberries—100 plants; increase to 500 by fourth year

Strawberries—Junior; 100 plants

Senior; 500 plants

## Information Projects

### 4-H Communications

These projects are primarily for senior-teens and offer an opportunity to tell the 4-H story through newspaper stories, photographs, radio and television programs. The project will help you to learn to use these communications media and provides helpful information and training for

anyone interested in a professional career in communications. You may choose any one of these four projects: Writing 4-H Club News (Newspaper Communication), 4-H on the Air (Radio Communication), Televising the 4-H Story (Television Communication), and Photography (Visual Communication).

## Livestock Projects

### BEEF

#### Fat Steer

To take this project you will need to secure one or more steers dropped in December or January which have been castrated and dehorned before 3 months of age. The steers should be at least high grade calves which would grade choice or better as feeder calves. You will learn how to feed animals using corn, barley, or other home-grown feeds, along with protein supplements, hay, and minerals. You will care for and fit the animals for show or sale.

#### Breeding Cows

To conduct a breeding beef heifer project you will need to secure one or more high grade or purebred heifers. This project provides an opportunity for you to learn management, feeding, and breeding practices.

You will need at least two acres of permanent pasture, suitable hay or silage and grain for winter feeding, and the services of a good purebred bull.

### SHEEP

#### Breeding Ewe

You will need to secure one or more ewes. You will have an opportunity to learn feeding practices, flock management, and the marketing of lambs and wool. It will be necessary for you to have at least  $\frac{1}{2}$  acre of pasture per animal, woven wire fencing, and a good purebred ram.

#### Fat Lambs

You will get one or more spring lambs which have been castrated and docked. You will learn how to feed corn, barley, milo, oats, or other home-grown grains, along with hay, protein supplements, and minerals. You will care for and fit the animals for show and sale.

## SWINE

### Market Pigs

You will begin by securing one or more pigs at least 6 weeks of age and feed them until they weigh 180 to 200 pounds. You will learn how to feed corn, barley, milo, oats, or wheat along with minerals, protein supplement, and pasture to produce a good market animal. The project

is finished when pigs are sold or killed for home use.

### Brood Sow

You will start with one or more pigs or gilts with the purpose of breeding the animal or animals and raising the pigs either for home use or for sale. You will learn to care for breeding animals and how to feed and care for young pigs.

### Grain Marketing

The club member should study factors affecting the marketing of grain. Some factors are: Condition of grain in field, home storage, local elevator operations, standards

## Marketing Projects

and grades, and moisture content. Complete the grain marketing record book including snapshots and a story.

The club member does not necessarily have to be enrolled in a grain production project.

### Poult (Turkey) Raising

You will brood 25 or more poults until they are placed on range. You will continue to care for, manage, feed, and keep records on the project until the turkeys are sold, which should not extend longer than seven months.

### Grow Better Pullets

You will grow 100 or more pullets until they are six months of age. (Exception: Club members receiving 50 chicks through the pullet chain will grow 50 or more.) The recommendations of the Extension agent should be followed. You will learn brooding, feeding, and the care of these birds to laying age.

## Poultry Projects

### Broiler Production

To conduct this project you must feed and care for 100 or more broiler strain chicks for eight weeks. This is done by keeping them in a brooder house, supplying drinking fountains and feed hoppers, and supplying eight bags of broiler mash per 100 chicks.

### Laying Flock Management

To conduct this project you will care for a flock of laying birds. This will include feeding the birds, gathering the eggs, keeping a record of the amount of feed consumed for a period of one year or until the flock has ceased to produce at a profitable rate.

## Wildlife Conservation Projects

You will have the opportunity to increase your appreciation of wildlife and to carry out some wildlife conservation practices. The project includes the following:

### Pre-Teen

You study wildlife, catch fish, build bird houses, keep records of animals seen, and make casts of mammal tracks.

### Early-Teen

You learn to fish with rod and reel, erect squirrel boxes and bird feeders, establish wildlife cover, study plants' contribution to wildlife and plan field trips.

### Senior-Teen

You learn to be a safe hunter, study relationships of conservation of all natural resources, teach others and apply other conservation practices you have learned.

## Clothing Projects

### Clothing

The choice of your clothing will be influenced by your age, experience in sewing, and your needs. Pre-teen girls will want to take one of these projects: *Adventures in Sewing, My First Skirt and Blouse, or A Summer Outfit*. Early-teens may choose either *A School Dress or Lounge Wear*. Senior-teens will have a choice of six projects: *A Practical Outfit, A Best Dress Outfit, A Versatile Out-*

*fit, A Party or Evening Dress, or A Wool Ensemble* (for advanced girls).

### Better Grooming

This project is designed to help you and others develop a more pleasing appearance and personality. You first will list improvements you need to make in the personal care of your body and clothes. Make a plan for improvements needed and make as many improvements as possible.

## Food Conservation and Marketing Projects

### Canning

The 4-H member will learn how to can fruits, vegetables, juices, jelly, preserves, jams and pickles in the 4-H canning projects. The club member will can certain foods from this list, depending on her age and experience.

The pre-teen member will first help someone (mother or guardian) can fruits and tomatoes. After she learns the fundamental steps, the pre-teen member will begin canning fruits and tomatoes alone.

In the Early-Teen projects jelly making and pressure canning are included. Leadership activities such as giving canning demonstrations and exhibiting canned food are stressed also.

When the club member is a senior-teen, she works out a food conservation plan with the family. In addition to fruits, vegetables, juices, and jelly the club member may choose to can preserves, jam, pickles, etc. The storage of home canned food is an important part of the Senior-Teen project.

The wide range in the project requirements serves to provide new and challenging experiences each year.

### Frozen Foods

Junior 4-H members will freeze at least 10 packages of fruit (at least 2 kinds) and at least 8 packages of vegetables (at least 2 kinds). Senior 4-H members will freeze at least 14 packages of fruits (at least 3 kinds), at least 10 packages of vegetables (at least 3 kinds), and 2 fryers (cut up).

### Crafts

Through the crafts project you will develop talent and skill in making handmade articles and also an appreciation for good crafts. Some suggestions for this project are baskets (honeysuckle, willow, pine needles), brooms, hot dish mats, wood carving, rugs (hooked and braided), leather and metal articles. You will need to make one or more craft articles to complete this project. Articles made by junior 4-H Club members should be simple, but well made. Senior members should select more advanced crafts.

### Marketing

The junior 4-H Club member must earn \$25 or more and the senior club member \$50 or more through sale of products produced or made by him or her.