



COLORADO STATE UNIVERSITY  
EXTENSION

# 4-H Gardening



The gardening project focuses on activities related to vegetable gardening, planning, planting, experimenting, understanding soils, seeds, insects, plant care, harvesting, processing, exploring careers, etc.

## See Them Sprout - Unit 1

**Jr./Int./Sr.**

Unit 1: See Them Sprout is for members ages 8-18 years old. Learning Experiences:

- When, where, and what to plant
- Types of soils
- Cool-and-warm season vegetables
- Soil preparation
- Rows versus hills
- Seed preparation
- Plant parts
- Garden tools
- Integrated Pest Management
- When to harvest
- How plants are used

## Let's Get Growing - Unit 2

**Jr./Int./Sr.**

Unit 2: Let's Get Growing is for members ages 8-18 years old. Learning Experiences:

- Changing plans to expand
- Seed varieties
- Rotating crops
- Starting seeds indoors
- Hardening off
- Plant properties
- Preventative pest control
- Specialty harvest
- Selling the harvest
- Horticulture careers

## Take Your Pick- Unit 3

**Jr./Int./Sr.**

Unit 3: Take Your Pick is for members ages 8-18 years old. Learning Experiences:

- Broadcast planting
- Herb gardening
- Soil structure and pH
- Hybrids
- Pollination
- Seed damage
- Animal pests
- Preservation
- Food industry careers

## Growing Profits - Unit 4

**Sr. Only**

Unit 4: Growing Profits is for members ages 14-18 years old.

- Undercropping/double cropping
- Space saving
- Greenhouses
- Cultivar trials
- Intensive gardening
- Biotechnology
- Hydroponics
- Diseases and deficiencies
- Power tools
- Pesticide safety
- Botanists and research careers

## Resources and Links

[Gardening Tip Sheet](#)  
[Gardening in Colorado](#)

[Gardening e-record](#)  
[Gardening Score Sheet](#)

[State Fair Exhibit Requirements](#)

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