

PLANT SCIENCES

Division 200
Department 230

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.

Exhibits will consist of the following:

51. A gardening project manual and e-record presented in a sturdy binder including these items: appropriate sections in the manual completed, e-record and other drawings or attachments related to activities in the manual.
52. A display board illustrating a topic investigated during the project year.

Gardening Unit 1—See Them Sprout

CLASSES

1. Junior
5. Intermediate
9. Senior

Gardening Unit 2 – Let's Get Growing!

CLASSES

13. Junior
17. Intermediate
21. Senior

Gardening Unit 3 – Take Your Pick

CLASSES

25. Junior
29. Intermediate
33. Senior

Gardening Unit 4 – Growing Profits (Senior Adv)

CLASS

37. Senior—Advanced

Field Crops Records

Members enrolled in field crops are encouraged to bring samples of crops to interview judging to share and discuss with the judge. Completed records are needed for all classes.

CLASSES:

65. Corn
85. Sugar Beets
89. Small Grains

Weeds

Weeds Unit 1 – Collection and Identification

65. A completed project manual, e-record and a Weed Project Log on page 12 presented in a sturdy three-ring binder.
 - B. Home-made plant press.
5. A collection of at least 15 plant specimens from any of the lists in Appendix A. Include part of the root, stem, leaves and flowers. Plants should be mounted on 11 ½" x 16 ½" cardboard, properly labeled, dated, and classified according to the common and scientific name. Mounts are to be bound together in book fashion.

CLASSES:

15. Junior
165. Intermediate
169. Senior

Weeds Unit 2 – Growing Habits and Control

25. A completed project manual, e-record (including present and previous weed records), weed control and completed map presented in a sturdy three-ring binder.
21. Your current year's collection of at least 10 new weeds, mounted on 11 ½" x 16 ½" cardboard, properly labeled, dated, and classified. Mounts are to be bound together in book fashion.

CLASSES:

181. Junior
185. Intermediate
189. Senior

Weeds Unit 3—Noxious Weed Control

5. A completed project manual, e-record (including present and previous weed records), plus report on three herbicides and weed control presented in a sturdy three-ring binder.

- A. Your current year's weed collection, including at least five noxious and five poisonous weeds, mounted, properly identified and dated. Mounts are to be bound together in book fashion.

CLASSES:

201. Junior

205. Intermediate

209. Senior

Weeds Unit 4—Advanced Weeds

- B. A completed e-record with emphasis on your accomplishments in your story presented in a sturdy binder. Include Morgan County Unit 4 – Weeds report sheet.

- B. Exhibit as appropriate for your advanced project

CLASSES:

221. Junior

225. Intermediate

229. Senior

JUNIOR GRAND CHAMPION PLANT SCIENCE

Sponsor: Edward's Right Price Market and Flowerland, Fort Morgan

SENIOR GRAND CHAMPION PLANT SCIENCE

Sponsor: Spradley Barr Ford of Greeley