

PLANT SCIENCE

Superintendent: Barry Johnson (696-1146)
4-H Resources: Division 1—4-H 504
Division 2—4-H 529

All posters, notebooks and display boards MUST include a reference list indicating where information was obtained, giving credit to the original author, to complete the 4-H member's exhibit. This reference list should/might include web site links, people and professionals interviewed, books, magazines, etc. It is recommended this reference list be attached to the back of a poster or display board, be the last page of the notebook, or included as part of the display visible to the public. A judge is not to discredit an exhibit for the manner in which references are listed.

Division 1:

1. Complete at least five of the experiments outlined in the manual.

The experiments include:

- a. How plant stems carry water
 - b. Different parts of a plant
 - c. Why plants need flowers
 - d. How weather affects plant growth
 - e. How light affects plant growth
 - f. How seeds germinate
 - g. How deep to plant seeds
 - h. Direction in which plants grow
 - i. How plants multiply
 - j. How plants move from place to place
 - k. What soil is
 - l. How soil is formed
 - m. How we use soil
 - n. Different ways to grow plants
2. Keep records of what you do.

Exhibit: Make and exhibit an educational display on one of the topics listed above.

DIVISION 2: Make and exhibit an educational display on one of the topics listed in Division 1. Choose a different topic than exhibited in Division 1.

DIVISION 3 & ABOVE: Develop an exhibit plan with the approval of the project superintendent. May be any topic related to Plant Science. Could be a research paper or science fair type of exhibit.

POSTER RULE: Posters must be 22" x 28", horizontal, stiff backed, plastic covered, and any color.