Project Title: Crops

Description:

These projects are designed to provide information, training and experience to 4-H club members on important aspects of agriculture such as hybrids, soils, weather, insecticides, pesticides, fertilizer, etc. Suggestions on growing, improving the quality and increasing the yields of crops are provided.

Artificial Intelligence (AI) may be used, with parent permission, when creating this exhibit and is to be documented as a reference. A majority of the work to create this exhibit is to be the 4-H member's original work.

State Fair Entries:

No. County only project.

Exhibit Guidelines:

Crop	Division	Project Book	Record Sheet
Corn	Level 1 (Grades 3, 4) Level 2 (Grades 5, 6, 7) Level 3 (Grades 8, 9, 10, 11, 12)	4-H 672 4-H 673 4-H 674	4-H 626 4-H 626 4-H 626
Soybeans	Level A (Grades 3, 4) Level B (Grades 5, 6) Level C (Grades 7, 8, 9) Level D (Grades 10, 11, 12)	4-H 209 4-H 209 4-H 209 4-H 209	4-H 209A 4-H 209A 4-H 209A 4-H 209A
Small Grain (Oats, Alfalfa, Wheat)	Grades 3-12	4-H 749	4-H 626

Posters are to be 22"x28" and displayed horizontally and placed in a clear plastic sleeve or covered with clear plastic to protect contents. Display boards should be designed to sit on a table using no more than 36" of tabletop space. Space should be left in the lower right hand corner to place an exhibit tag provided by Purdue Extension staff.

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 a 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.

Exhibit Class Guidelines:

ALFALFA

EXHIBIT: All levels: One bale slice or section.

CORN

EXHIBIT: Meet the corn exhibit or completion requirements as listed in the manual. Corn members will be divided into three grade divisions:

1. Level 1 - Grades 3 & 4 (complete at least 4 activities in the manual each year). Suggested fair exhibits can be found on page 4 of the project manual.
2. Level 2 - Grades 5, 6, & 7 (complete at least 5 activities from the manual each year). Suggested fair exhibits can be found on page 4 of the project manual.
3. Level 3 - Grades 8, 9, 10, 11, 12 (complete at least 7 activities from the manual each year). Suggested fair exhibits can be found on page 4 of the project manual.

OATS

EXHIBIT: All levels: One gallon of oats.

WHEAT

EXHIBIT: All levels: One gallon of wheat.

SOYBEANS

EXHIBIT: Project activity as described in the back of the project manual, pages 28-32. Soybean members will be divided into four grade divisions:

Level 1 Grades 3 & 4

1. Exhibit of "Germination of The Soybean", or "Using the Soybean", or one peck of soybeans at the county level.

Level 2 Grades 5 & 6

1. Complete two of the following activities: 4,7 or 14 in the 4-H Soybean Manual.
2. Keep accurate records using the 4-H Crops Record.
3. Exhibit "The Effects of Light and Darkness on Flowering," or "Soybean Plant Nutrient Deficiencies," or "Preparing Soybeans for Home Use," or one peck of soybeans at the county level.

Level 3 Grades 7, 8, 9

1. Complete two of the following activities: 5,6 or 14 in the 4-H Soybean Manual.
2. Keep accurate records using the 4-H Crops Record.
3. Exhibit on "Differences in Flowering among Soybean Varieties", or "How Planting Dates Affect Soybean Yields", or "Preparing Soybeans for Home Use", or one peck of soybeans at the county level.

Level 4 Grades 10, 11, 12

1. Complete the following activities: 9,10,11 and 12 in the 4-H Soybean Manual.
2. Keep accurate records using the 4-H Crops Record.
3. Exhibit on "Soybean Herbicide Survey", or "Soybean Insect Study", or "Soybean Disease Study", or "Measuring Soybean Harvest Losses", or one peck of soybeans at the county level.

Level 5 and Advanced Grades 10, 11, 12

1. Grow at least five acres of soybeans using cultural practices described in current Agronomy (AY) publications. These are available in your County Extension Office.
2. Keep accurate records using the 4-H Crops Record.

All levels turn in completed record sheet (4-H 626 or 4-H 209 in soybean book).