

# **Project Title: Field Crops**

## **Description:**

Alfalfa - Youth develop forage crop subject skills and life skills through fun hands-on experiences. You can learn forage crop identification, plant growth, and plant care.

Corn - You will learn about the amazing corn plant. You will learn about how the corn plant works, the pests that attack corn, uses of corn and the safety practices when growing, harvesting and storing corn. Advanced levels learn about hybrid corn, the types and sources of nutrients for corn, soil erosion, producing and comparing hybrids, and planting and growing corn crops.

Small Grains – In this project you will learn all about small grains by doing a number of fun activities. You will learn the different parts of a plant; the growth stages of plants; the characteristics of different varieties; weeds disease and insect identification; proper fertilizer use; edible and non-edible use of the plants and good management techniques and their importance.

Soybeans – The Soybean project introduces you to one of Indiana's major crops, the soybean through fun experiences and hands-on activities. You will learn about selecting soybean varieties, planting soybeans, uses for soybeans and harvesting soybeans.

## **State Fair Entries:**

No State Fair Exhibit.

## **Exhibit Guidelines:**

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. 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 way references are listed.

Posters are to be 22"x28" and displayed horizontally and placed in a clear plastic sleeve or covered with clear plastic to protect contents. The poster must be mounted on a firm backing to add stiffness to the exhibit, for example: a foam core board. 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.

Judges evaluating exhibits should recognize individual differences and creativity, therefore using information in this document as a guide rather than a requirement.

## Exhibit Class Guidelines:

### *Beginner (grades 3-5)*

A 4-H'er may exhibit in each crop area for a maximum of 4 projects (Alfalfa, Corn, Small Grains, Soybeans). Construct a 22"x28" poster or notebook related to any field crop topic or field crop sample with parts identified.

### *Intermediate (grades 6-8)*

A 4-H'er may exhibit in each crop area for a maximum of 4 projects (Alfalfa, Corn, Small Grains, Soybeans). Construct a 22"x28" poster or notebook related to any field crop topic or field crop sample with parts identified.

### *Advanced (grades 9-12)*

A 4-H'er may exhibit in each crop area for a maximum of 4 projects (Alfalfa, Corn, Small Grains, Soybeans). Construct a 22"x28" poster or notebook related to any field crop topic or field crop sample with parts identified.