

LEADERSHIP

DEPT. F / DIV. 540

PERSONAL LEADERSHIP

GENERAL INFORMATION [Scoresheet SF182]:

- Poster, scrapbook, essay, or other display.

(NOT Eligible for State Fair)

- Class 901 Historic Leader: Visually represent a historic leader's rise and accomplishments.
- Class 902 Leadership Qualities: Research and reflect on what you believe makes a good leader and visually represent these qualities.
- Class 903 Your Leadership Roles: Display your leadership roles in the clubs or organizations you are involved in.
- Class 904 Leadership in Community Service: Visually represent your process and the timeline of you leading a community service project.
- Class 905 Resume: Create a resume showcasing your leadership skills and strengths.
- Class 906 Design your own Exhibit: For Leadership exhibits that do not fit into other categories. Entries must be appropriate for fair display and should be no larger than 24"x24". Include a brief explanation of the project and the intended purpose or message.

DEPT. F / DIV. 541

CLUB LEADERSHIP

GENERAL INFORMATION [Scoresheet SF182]:

- Poster, scrapbook, essay, or other display.

(NOT Eligible for State Fair)

- Class 901 President: Display your meeting agendas, planning, facilitation, experience, and/or accomplishments.
- Class 902 Vice President: Display your meeting agendas, planning, facilitation, experience, and/or accomplishments.
- Class 903 Secretary: Display your meeting minutes, reports, notes, organization, and/or accomplishments.
- Class 904 Treasurer: Display your club budget, fundraising efforts, and/or accomplishments.
- Class 905 Reporter: Display your club reports, news, experience and/or accomplishments.
- Class 906 Historian: Display your club scrapbook, collection, information, and/or accomplishments.
- Class 907 Other Club Leadership Role: Display information and/or accomplishments.

PLANT SCIENCE

AGRONOMY

AGRONOMY GUIDELINES

- Individuals in the Crop Production, Field Crops project may exhibit grain or plants to prepare an educational display representing their project. The purpose of these exhibits is to demonstrate to the public the benefits from the study and application of crop, weed, range and soil sciences to solving problems in management, conservation, sustainability, and environmental protection.
- Scoresheets, forms, contest study materials and additional resources can be found at <https://go.unl.edu/ne4hagronomy>
- Educational resources can be found at: https://4hcurriculum.unl.edu/index.php/main/program_project/101

DEPT. G / DIV. 750

FIELD CROPS

GRAIN or PLANT EXHIBITS

GENERAL INFORMATION [Scoresheet SF264]:

- A completed Crop Production Worksheet available at: <https://cropwatch.unl.edu/Youth/Documents/Crop%20Production%20Project%20Worksheet%20Final.pdf> must accompany grain and plant exhibits or it will automatically be deducted one ribbon placing. The worksheet must include the exhibitors name and address, county, plant hybrid or variety, plant population, whether crop production was irrigated or dryland, and general information including farm cropping history, soil type and weather effects.
- The worksheet also must include an economic analysis of the project, listing individual expenses and income, on a per acre basis. Other topics to discuss are the selection of variety or hybrid, impacts of tillage and conservation practices, inputs (fuel, fertilizer, irrigation, labor, pesticides, etc.), any observations made

during the growing season and what you learned from your crops project. The worksheet counts as 50% of the total when judged.

- Worksheet must be the original work of the individual exhibitor or it will be deducted one ribbon placing.
- Attach the worksheet to the entry in a clear plastic cover such that it can be read without removing it from the cover. In addition to the worksheet, grain and plant exhibits will be judged on condition, appearance (i.e. disease and insect damage, grain fill), uniformity (size, shape, color, maturity), and quality of exhibit. Grain exhibits must be one gallon per sample. Grain exhibits harvested in the fall (e.g., corn or soybeans) may be from the previous year's project and brought in an appropriately sized box/container for display. **Place exhibit in a clear container so it can be viewed and displayed.**
- Plant exhibits, with the exception of ears of corn, must be the result of the current year's project.
- Corn - 10 ears or 3 stalks (cut at ground level with no roots or soil and bound together).
- Grain Sorghum - 4 stalks (cut at ground level and bound together).
- Soybeans - 6 stalks (cut at ground level and bound together).
- Small grains (oats, barley, wheat, triticale) - sheaf of heads 2" in diameter at top tied with stems about 24" long.
- Other crops (alfalfa, millet, etc.) - sheaf of stems 3" in diameter at top tied with stems cut at ground level or half size small square bale.

Class 1 Corn (includes yellow, white, pop, waxy or any other type)

Class 2 Soybeans

Class 3 Oats

Class 4 Wheat

Class 5 Any other crop (includes grain sorghum, alfalfa, millets, barley, rye, triticale, amaranth, dry beans, sugar beet, mung bean, canola, forage sorghum, safflower, etc.)

DISPLAYS

GENERAL INFORMATION [Scoresheet SF259]:

- The purpose of the display is to tell an educational story to those that view the display.
- The display is a visual representation (pictures, charts, graphs) no larger than 28" wide by 28" tall on plywood or poster board.

- The display should be neatly titled. Make sure to label display with exhibitor's name, address, and county on back side. Explain pictures and graphs clearly and concisely.
- Consider creativity and neatness. Each display must have a one-page essay (minimum) explaining why the exhibitor chose the area of display and what they learned from their project. Include any references used.
- The essay should be in a clear plastic cover with the exhibitor's name on the outside.
- If a display does not have an essay, it will automatically be deducted one ribbon placing.

Class 6 Crop Production Display – The purpose of this class is to allow original and creative exhibits that contain educational information about crop production aspects, such as crop scouting, alternative crops, pest management, etc.

Class 7 Crop Technology Display – Display information about aspects of technology used in crop production, such as genetic engineering, crop breeding, GPS, yield mapping, computers, etc.

Class 8 Crop End Use Display – Display information about the final product or end uses for a crop, such as food, feed, fuel, or other products. (i.e. Corn can be processed into livestock feed, ethanol, plastics, etc. or soybeans can be processed into bio-diesel, pet bedding, crayons, oil, etc.). This should not be about the process of crop production, but focus on an end product(s).

Class 9 Water or Soil Display – Display information about water or soils, such as how soils are being used for crop production, range, conservation, wildlife, or wetland use, or ways to protect or conserve water and soil resources.

Class 10 Career Interview Display – The purpose of this class is to allow youth to investigate a career in agronomy. Youth should interview one person that works with crops about such topics as what parts of their job do they enjoy or dislike, why did they choose that career, what was their education, etc. Include a picture of the person interviewed.

SPECIAL AGRONOMY PROJECT

The 2024 Special Agronomy Project is Sugar Beets.

The Special Agronomy Project changes annually. More information may be found at: <https://4h.unl.edu/special-agronomy-project>

GENERAL INFORMATION [Scoresheet SF259 & SF264]:

- Youth experience a crop that is grown, was grown or has the potential to be grown in Nebraska by growing it, researching traits of that crop and determining viability of that crop in the part of the state they live.
- Each year seeds will be mailed to your local extension offices, as ordered by location. A different seed will be selected every year. Youth will grow seeds in their garden or pots.

Class 11 Special Agronomy Project – Educational Exhibit [SF259]: Educational exhibit based on what was learned from the project. Present information on a poster 14" X 22" either vertical or horizontal arrangement or in a clear plastic report cover. The 4-H member's name, age and county must be on the back of the poster or report cover. Each display must have a one-page essay (minimum) explaining why the exhibitor chose the area of display and what they learned from their project. Include any references used.

Class 12 Special Agronomy Project – Video Presentation [SF259]: 4-H exhibitor designs a multimedia presentation related to the crop. This could include narration of the growing process, presenting facts about the crop or any other innovative multimedia practices. The presentation should be at least 2 minutes in length and no more than 5 minutes in length, appropriate graphics, sounds and either a video clip, animation or voice over and/or original video clip. Any of the following formats will be accepted: mp4, .mov, .ppt, or .avi.

Class 13 Special Agronomy Project – Freshly Harvested Crop [SF264]: Plant exhibits must be the result of the current year's project. Depending on the crop selected for the current year.

- Corn - 10 ears or 3 stalks (cut at ground level with no roots or soil and bound together)

- Grain Sorghum - 4 stalks (cut at ground level and bound together)
- Soybeans - 6 stalks (cut at ground level and bound together)
- Small grains (oats, barley, wheat, triticale) - sheaf of heads 2" in diameter at top tie with stems about 24" long.
- Other crops (alfalfa, millet, etc.) - sheaf of stems 3" in diameter at top tied with stems cut at ground level.

Supporting documentation (½ to 1-page in length) should include the following Summary:

- Economic Analysis and/or research that supports feasibility of this crop in Nebraska or how the crop has evolved over time.
- Other topics to discuss are past/current commercial production of this crop. This includes: the selection of variety or hybrid, impacts of tillage and conservation practices, inputs (fuel, fertilizer, irrigation, labor, pesticides, etc.), any observations made during the growing season about this crop and what you learned from your crops project. This summary counts as 50% of the total when judged.
- In addition to the summary, grain and plant exhibits will be judged on condition, appearance (i.e. disease and insect damage, grain fill), uniformity (size, shape, color, maturity), and quality of exhibit.

(NOT Eligible for State Fair)

TALLEST CORN

GENERAL INFORMATION [No Scoresheet]:

- **ENTRY LIMIT:** ONE entry per exhibitor.
- Four places only will be awarded in this class: purple, blue, red and white.

Class 901 Tallest Corn - Class will be for the tallest corn on display at the Washington County Fair. Corn should be cut off at the roots.

HORTICULTURE

HORTICULTURE GUIDELINES

- Grow foliage and bulb plants indoors; Learn what houseplants need to stay healthy; Learn about growing healthy plants; Grow flowers from seeds; Learn about caring for flowers; Plant, grow, and care for annual flowers; Choose a garden site; Plan a garden; Grow vegetables; Select and purchase garden supplies; Grow transplants; Plan and plant a garden; Find out how seeds germinate; Learn what different plant parts do; Harvest and use your vegetables; Transplant plants into your garden; Grow plants from plant parts; Feed your garden; Earn money by growing vegetables; Learn about succession planting; Grown an herb garden; Find out about photosynthesis; Identify pest damage; Use intercrop and double crop planting methods; Plant a computer-planned garden; Identify plant diseases; Learn about plant scientists.
- Entries must be produced from the current year's garden.
- All vegetable exhibits will be photographed. Photos and ribbons will be displayed in 4-H club booths. Vegetables will be donated to the Washington County Food Pantry.
- The purpose of Horticulture is to encourage participants to start and maintain vegetable and herb gardens. In addition, 4-H Members can participate in planting, growing, and caring for flowers and houseplants. There is also a special gardening project in this category that 4-H Members can participate in.
- Scoresheets, forms, contest study materials, and additional resources can be found at <https://go.unl.edu/ne4hhorticulture>
- Educational resources can be found at: https://4hcurriculum.unl.edu/index.php/main/program_project/106 and <https://4h.unl.edu/preparingcutflowers> and <https://extensionpubs.unl.edu/publication/9000016467960/selectin-g-and-preparing-vegetables-herbs-and-fruits-for-exhibit>