



Department 14 – Plant and Soil Science

Project Number 70001, 70002, 70003

ADDITIONAL RULES OF ENTRY

- Youth enrolled in 4-H, FFA, or other youth groups in a supervised field crop project are eligible to participate in this project.
- Field crops exhibited must be of the current year's crop unless noted and from the exhibitor's own fields.
- Hay must be thoroughly cured and haylage must be fermented.
- Dry hay exhibits should be a 4-inch-thick slice from a small square bale or equivalent amount cut from large round or square bale and placed in a clear plastic bag.
- Haylage and silage exhibits should be a completely filled (approximately 4 quarts), one-gallon sized zip lock clear bag. Corn silage may be from previous falls' harvest.
- Small grain exhibits should be a completely filled (approximately 4 quarts), one gallon-sized zip lock clear bag. Label with variety.
- Small grain sheaves should be 3 to 4 inches in diameter, dried, cured and labeled with variety.
- Corn grain must be shown on the cob, husked, and labeled with hybrid and maturity.
- Corn stalks must include root placed in plastic bag. Stalks must be tied and labeled with hybrid and maturity

PREMIUMS

Classes A through E

<u>1st</u>	<u>2nd</u>	<u>3rd</u>	<u>4th</u>
2.50	2.25	2.00	1.75

CLASS A - GROWING CORN - Project Code 70001

Lot Numbers

- | | |
|--|---|
| 1. Corn, 8 ears, husked, identify variety and maturity | 3. Corn, high-moisture, 4 qts. – must be fermented |
| 2. Corn, shelled, 4 qts. - identify variety, may be from previous year | 4. Corn, 3 stalks, identify variety and maturity, tied, roots placed in plastic bag |

CLASS B - GROWING FORAGE - Project Code 70002

Lot Numbers

- | | |
|---|---|
| 1. Alfalfa Sheaf, 2 - 3" in diameter | 5. Grass or mixed hay – must be predominantly grass |
| 2. Red Clover, Sheaf, 3 - 4" in diameter | 6. Haylage - 1st crop. |
| 3. Alfalfa hay – first cutting - may contain some grass. | 7. Haylage - 2nd crop |
| 4. Alfalfa hay – second or subsequent cutting - may contain some grass. | 8. Corn silage – from previous year |

CLASS C - GROWING SMALL GRAINS - Project Code 70003

Lot Numbers

- | | |
|---|---|
| 1. Barley, 4 qts. - identify variety | 6. Barley, sheaf – identify variety |
| 2. Oats, 4 qts. - identify variety | 7. Oats, sheaf – identify variety |
| 3. Wheat, 4 qts. - identify variety | 8. Soybeans, sheaf 2½ - 3" diameter at neck, freshly cut – identify variety |
| 4. Soybeans, 4 qts.- from previous year – identify variety | 9. Wheat, sheaf – identify variety |
| 5. Any other small grain, 4 qts. - identify species and variety | |

CLASS D - OTHER FIELD CROPS

Lot Number

1. Exhibit any other field crop not listed above, identify variety

CLASS E - COLLECTION CROP WEEDS AND DISEASES

Lot Numbers

1. Collection of 10 weeds with identification (dried, pressed and mounted on 14"x 22" poster board) how they harm plants (mounted on 14"x 22" poster board)
2. Collection of 5 crop specimens showing symptoms of diseases with identification and description of

CLASS F – PLANT AND SOIL SCIENCE SELF-DETERMINED - Project Code 191

Self-determined project exhibits are records of projects not listed in the premium list or an expansion of a traditional project beyond limits of the project or in greater depth than the project outlines.

- Posters MUST be 14" x 22".
- Scrapbooks MUST be 8 ½"x 11" or 12" x 12".

PREMIUMS	<u>1st</u>	<u>2nd</u>	<u>3rd</u>	<u>4th</u>
	2.50	2.25	2.00	1.75

Lot Numbers:

1. A poster promoting your self-determined project
2. An article made during current year with a 3 x 5-inch card attached identifying resources. The article should be of reasonable size to exhibit in the Expo building
3. A collection made during current year with a 3 x 5-inch card identifying work done
4. A scrapbook with story or essay, drawings, and photos of project work done during the current enrollment year.
5. Any other self-determined project not listed above.