

Department 14 – Plant and Soil Science

Project Number 70001, 70002, 70003

Superintendents: Mark Alden, Judy Alford, Joy Campshure, Brett Iverson, Rose McMahon

Entry Day – 1 p.m. – 8 p.m. Thursday of the Fair

Judging Day – Thursday of the Fair

Judging Time – 1 p.m. - 8 p.m., face to face judging only

Check Out – Exhibits will be released after 6:30 p.m. on Sunday

Requirements:

- 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 zipper locked clear bag. Corn silage may be from previous falls' harvest.
- Small grain exhibits should be a completely filled (approximately 4 quarts), one gallon-sized zipper locked 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

MOST UNUSUAL PLANT GROWING SITUATION CONTEST

1. Category - Vegetables
2. Category - Houseplants and garden flowers

Contestants must have exhibited 5 items in Department 14. Participants can enter by completing a short entry form available at the Extension Office. Must include a photo of vegetable or plant growing in an unique situation. Photograph must have a sign in it depicting the year it was grown or the situation in which it existed. The winner in each category will receive a \$25.00 prize.

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
2. Corn, shelled, 4 qts. in a 1 gal. zipper locked clear bag, identify variety, may be from previous year
3. Corn, high-moisture, 4 qts. in a 1 gal. zipper locked clear bag, may be from previous year – must be fermented
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, 3 - 4" in diameter
2. Red Clover, Sheaf, 3 - 4" in diameter
3. Alfalfa hay – first cutting - may contain some grass.
4. Alfalfa hay – second or subsequent cutting - may contain some grass.
5. Grass or mixed hay – must be predominantly grass

6. Haylage - 1st crop, 4 qts. in a 1 gal. zipper locked clear bag.
7. Haylage - 2nd crop, 4 qts. in a 1 gal. zipper locked clear bag.
8. Corn silage - 4 qts. in a 1 gal. zipper locked clear bag – from previous year

CLASS C - GROWING SMALL GRAINS - Project Code 70003

Lot Numbers

1. Barley, 4 qts. in a 1 gal. zipper locked clear bag - identify variety
2. Oats, 4 qts. in a 1 gal. zipper locked clear bag - identify variety
3. Wheat, 4 qts. in a 1 gal. zipper locked clear bag - identify variety
4. Soybeans, 4 qts. in a 1 gal. zipper locked clear bag, from previous year – identify variety
5. Any other small grain, 4 qts. in a 1 gal. zipper locked clear bag - identify species and variety
6. Barley, sheaf – identify variety
7. Oats, sheaf – identify variety
8. Soybeans, sheaf 2½ - 3" diameter at neck, freshly cut – identify variety
9. Wheat, sheaf – identify 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)
2. Collection of 5 crop specimens showing symptoms of diseases with identification and description of how they harm plants (mounted on 14"x 22" poster board)