

# Department 14-B – Plant and Soil Science: Crops Junior Division

Superintendents: Mark Alden & Wally Taylor



**Entry & Judging Day** – Tuesday of the fair

**Entry & Judging Time** – 1 p.m. - 8 p.m., Face to face judging only

**Location** – Exhibit Building

**Check Out** – Exhibits will be released between 4:30 p.m. to 6 p.m. on Sunday of the fair

## ADDITIONAL RULES OF ENTRY

- Youth eligible to exhibit in this department are those enrolled in a 4H, FFA, or other approved youth group carrying a similar supervised program in a Crops project area.
- All exhibits must be the result of this year's project by the exhibitor.
- Only one exhibit may be entered under each lot number.
- All entries not entered correctly will be judged and placed in the pink ribbon group.

<b>PREMIUMS:</b>	<u>1st</u>	<u>2nd</u>	<u>3rd</u>	<u>4th</u>
	3.00	2.75	2.50	2.25

## REQUIREMENTS:

- Field crops exhibited must be of the current year's crop unless noted and from the exhibitor's own fields

## CLASS K – GROWING CORN

### REQUIREMENTS:

- **Lots 1 & 2:** Grain exhibits must be placed in a completely filled (approximately 4 quarts), one-gallon sized clear zipper seal bag. Bag must be labeled with variety
- **Lots 3 & 4:** Include a 3" x 5" index card with hybrid and maturity listed

### Lot Numbers:

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

## CLASS L – GROWING FORAGE

### REQUIREMENTS:

- Hay must be thoroughly cured and haylage must be fermented
- Dry hay exhibits should be a 4" 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 must be placed in a completely filled (approximately 4 quarts), one-gallon sized clear zipper seal bag
- Corn silage may be from previous falls' harvest

### Lot Numbers:

1. Alfalfa, sheaf, 2" - 3" 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, first crop
7. Haylage, second crop
8. Corn silage, can be from previous year

## **CLASS M – GROWING SMALL GRAINS**

### **REQUIREMENTS:**

- Small grain exhibits must be placed in a completely filled (approximately 4 quarts), one-gallon sized clear zipper seal bag. Bag must be labeled with variety
- Small grain sheaves should be 3” to 4” in diameter, dried, cured and labeled with variety on a 3” x 5” index card
  - Exception: Lot 8: Soybean Sheaf. See entry information in Lot description

### **Lot Numbers:**

1. Barley, 4 quarts, identify variety
2. Oats, 4 quarts, identify variety
3. Wheat, 4 quarts, identify variety
4. Soybeans, 4 quarts, identify variety, from previous year
5. Any other small grain, 4 quarts, 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 N – OTHER FIELD CROPS**

### **Lot Numbers:**

1. Exhibit any other field crop not listed above, identify variety. Must follow all applicable requirements listed in Classes A-C.

## **CLASS O – COLLECTION CROP WEEDS AND DISEASES**

### **REQUIREMENTS:**

- Collections must be mounted on 14" x 22" sized stiff backing material such as cardboard, tag board, plywood, hardboard, and others
- Collection must be titled and dated
- Specimens in collection should be labeled with name, location collected, and date of collection.

### **Lot Numbers:**

1. Collection of 10 weeds with identification. Specimens must be dried and pressed
2. Collection of 5 crop specimens showing symptoms of diseases with identification and description of how they harm plants

## **CLASS P - SELF-DETERMINED - CROPS**

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.

**REQUIREMENTS:** Posters, scrapbooks and displays must conform to all requirements listed in ‘General Rules for Junior Division Exhibitors’

### **Lot Numbers:**

1. A poster promoting your self-determined project

2. An article made during current year with a 3" x 5" index 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" index 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