

## **Department 114 –Plant & Soil Science**

### **FIELD CROPS**

1. No more than **4** exhibits per member per class. Member may make **8** individual entries per class but may only bring **4** to the fair.

2. Please use standard containers.

3. All exhibits must be prepared for display prior to arriving at the fair.

4. All tags must be attached (not taped) to the outside of container or bags.

5. Field crop variety must be written on back of entry tags or exhibit will be dropped one placing.

6. Poster size is must be 14" x 22". Attach entry tag to upper right corner. Display size is limited to 22" x 28".

7. Judging will take place Thursday.

Premiums: \$2.50 - \$2.25 - \$2 - \$1.75

### **Class A – Corn**

#### **Grades 3-7**

##### Lot Numbers

- 1 High moisture corn, shelled – 3 quarts in a 1 gallon zip lock bag
- 2 Dry corn, shelled – 3 quarts in a 1 gallon zip lock bag
- 3 Hybrid corn – 8 ears
- 4 Field corn – 3 stalks (preferably with roots enclosed in a pail)
- 5 Corn silage (last year's crop) – 3 quarts in a gallon zip lock bag
- 6 Collection of 10 common weeds, mounted on 8½" x 11" white construction paper, label and cover mount with cellophane in booklet form
- 7 Specimens of 5 crop diseases, mounted on 8½" x 11" white construction paper, label and cover mount with cellophane in booklet form
- 8 Display of 10 different crop plants and seeds mounted on poster board (any way of mounting without being loose)
- 9 An educational display such as a scrapbook, poster, mobile, etc. relating to field crops

#### **Grades 8 & up**

##### Lot Numbers

- 10 High moisture corn, shelled – 3 quarts in a 1 gallon zip lock bag
- 11 Dry corn, shelled – 3 quarts in a 1 gallon zip lock bag
- 12 Hybrid corn – 8 ears
- 13 Field corn – 3 stalks (preferably with roots enclosed in a pail)

- 14 Corn silage (last year's crop) – 3 quarts in a gallon zip lock bag
- 15 Collection of 10 common weeds, mounted on 8½" x 11" white construction paper, label and cover mount with cellophane in booklet form
- 16 Specimens of 5 crop diseases, mounted on 8½" x 11" white construction paper, label and cover mount with cellophane in booklet form
- 17 Display of 10 different crop plants and seeds mounted on poster board (any way of mounting without being loose)
- 18 An educational display such as a scrapbook, poster, mobile, etc. relating to field crops

### **Class B – Small Grains**

1. All grain samples must be from previous year crop or current year crop and cannot be treated.

2. All sheaf samples must be from current year crop.

3. Sheaf samples should be tied below the heads and near the bottom end. They should be 2 ½" in diameter at the upper end.

#### **Grades 3-7**

##### Lot Numbers

- 1 Oats – 3 quarts in a 1 gallon zip lock bag
- 2 Wheat – 3 quarts in a 1 gallon zip lock bag
- 3 Barley – 3 quarts in a 1 gallon zip lock bag
- 4 Rye – 3 quarts in a 1 gallon zip lock bag
- 5 Soybeans – 3 quarts in a 1 gallon zip lock bag
- 6 Oats – 2 ½" sheaf
- 7 Wheat – 2 ½" sheaf
- 8 Barley – 2 ½" sheaf
- 9 Rye – 2 ½" sheaf
- 10 Soybeans – 2 ½" sheaf (in 5 gallon pail with roots in water)
- 11 Collection of 10 common weeds, mounted on 8½" x 11" white construction paper, label and cover mount with cellophane in booklet form
- 12 Specimens of 5 crop diseases, mounted on 8½" x 11" white construction paper, label and cover mount with cellophane in booklet form
- 13 Display of 10 different crop plants and seeds mounted on poster board (any way of mounting without being loose)
- 14 An educational display such as a scrapbook, poster, mobile, etc. relating to field crops

#### **Grades 8 & up**

##### Lot Numbers

- 15 Oats – 3 quarts in a 1 gallon zip lock bag
- 16 Wheat – 3 quarts in a 1 gallon zip lock bag
- 17 Barley – 3 quarts in a 1 gallon zip lock bag
- 18 Rye – 3 quarts in a 1 gallon zip lock bag
- 19 Soybeans – 3 quarts in a 1 gallon zip lock bag
- 20 Oats – 2 ½" sheaf
- 21 Wheat – 2 ½" sheaf
- 22 Barley – 2 ½" sheaf

- 23 Rye – 2 ½” sheaf
- 24 Soybeans – 2 ½” sheaf (in 5 gallon pail with roots in water)
- 25 Collection of 10 common weeds, mounted on 8½” x 11” white construction paper, label and cover mount with cellophane in booklet form
- 26 Specimens of 5 crop diseases, mounted on 8½” x 11” white construction paper, label and cover mount with cellophane in booklet form
- 27 Display of 10 different crop plants and seeds mounted on poster board (any way of mounting without being loose)
- 28 An educational display such as a scrapbook, poster, mobile, etc. relating to field crops

### **Class C – Forage**

#### **Grades 3-7**

##### Lot Numbers

- 1 Slice of a bale (first crop), 2-4” wide, wrapped in clear plastic
- 2 Slice of a bale (second crop), 2-4” wide, wrapped in clear plastic
- 3 Haylage (first crop), 3 quarts in a 1 gallon zip lock bag
- 4 Haylage (second crop), 3 quarts in a 1 gallon zip lock bag
- 5 Collection of 10 common weeds, mounted on 8½” x 11” white construction paper, label and cover mount with cellophane in booklet form
- 6 Specimens of 5 crop diseases, mounted on 8½” x 11” white construction paper, label and cover mount with cellophane in booklet form
- 7 Display of 10 different crop plants and seeds mounted on poster board (any way of mounting without being loose)
- 8 An educational display such as a scrapbook, poster, mobile, etc. relating to field crops

#### **Grades 8 & Up**

##### Lot Numbers

- 9 Slice of a bale (first crop), 2-4” wide, wrapped in clear plastic
- 10 Slice of a bale (second crop), 2-4” wide, wrapped in clear plastic
- 11 Haylage (first crop), 3 quarts in a 1 gallon zip lock bag
- 12 Haylage (second crop), 3 quarts in a 1 gallon zip lock bag
- 13 Collection of 10 common weeds, mounted on 8½” x 11” white construction paper, label and cover mount with cellophane in booklet form
- 14 Specimens of 5 crop diseases, mounted on 8½” x 11” white construction paper, label and cover mount with cellophane in booklet form
- 15 Display of 10 different crop plants and seeds mounted on poster board (any way of mounting without being loose)
- 16 An educational display such as a scrapbook, poster, mobile, etc. relating to field crops

### **Class D – Vegetable Garden**

1. An exhibitor may exhibit a **maximum of 5 entries plus a Best Garden Box**. A member may make **10** individual entries but may only bring **5** to the fair.

2. Regulation paper plates will be provided for all vegetables except potatoes and best garden boxes. Special boxes will be provided for these.

3. All exhibits must have been prepared and entry tags attached to the paper plate or container prior to being brought into the exhibition building for display on entry day.

4. Vegetable variety must be listed on back of entry tag or exhibit will be dropped one placing. A variety is “Peas, Little Marvel”, not name of seed company such as Northrup King.

5. Garden produce will be judged according to A3306 “Exhibiting and Judging Vegetables”

6. Judging will take place Thursday.

Premiums: \$2 - \$1.75 - \$1.50 - \$1.25

#### **Vegetables**

- 1 Potatoes, early red – 10 in exhibit
- 2 Potatoes, white – 10 in exhibit
- 3 Red onions – 4, 1” tops
- 4 Yellow onions – 4, 1” tops
- 5 White onions – 4, 1” tops
- 6 Onion scallion – 1 bunch of 10, 6” tops
- 7 Early cabbage – round, 1 head with 3 outer leaves
- 8 Summer squash (zucchini) – 1 squash
- 9 Cauliflower – 1 head
- 10 Carrots – 4
- 11 Radishes – red – 10
- 12 Radishes – icicle – 10
- 13 Head lettuce – 1 head
- 14 Leaf lettuce (3 complete plants per container with water)
- 15 Slicing beets – 4
- 16 Pickling beets – 4 under 2” in diameter
- 17 Green beans – 10
- 18 Wax beans – 10
- 19 Tomatoes, green – 4
- 20 Tomatoes, red – 4
- 21 Bell peppers – 4
- 22 Any other peppers – 4
- 23 Swiss chard – total plant with complete root in container with water
- 24 Celery – total plant with 2” root in container with water
- 25 Kohlrabi – 4
- 26 Broccoli – at least 6” long with leaves on
- 27 Sweet corn – 4 ears
- 28 Peas – edible pod – 10 pods

- 29 Peas –pod peas – 10 pods
- 30 Dill – 4 complete plants with roots in water
- 31 Garlic – 4 bulbs
- 32 Herb – growing and labeled with variety listed in 6” pot with saucer under for drainage
- 33 Sweet cucumbers – 4 (1 ½” – 2 ½”)
- 34 Dill cucumbers – 4 (3” – 4”)
- 35 Any other vegetable not listed above
- 36 Patio garden container display – 1 vegetable plant – ribbon only
- 37 Oddity vegetable – 1 (unusual shape, size, or color) – ribbon only
- 38 Scarecrow – 4’ – 5’ tall and self-standing
- 39 An educational display such as a scrapbook, poster, mobile, etc. relating to vegetables

- 4 Plums, plate of 4
- 5 ½ pint of strawberries
- 6 ½ pint of red raspberries
- 7 ½ pint of black raspberries
- 8 ½ pint of currants
- 9 Any other fruit not listed above (specify variety on back of entry tag)
- 10 An educational display such as a scrapbook, poster, mobile relating to fruits (grades 3-5)
- 11 An educational display such as a scrapbook, poster, mobile relating to fruits (grades 6-8)
- 12 An educational display such as a scrapbook, poster, mobile relating to fruits (grades 9 & up)

### **Best Garden Box**

1. Judging will take place Thursday.

2. Exhibit must include 5 of the following: 4 onions, 1 head early cabbage, 4 carrots, 10 radishes, 4 pickling beets, 10 green onions, 10 green or wax beans, 4 red or green tomatoes, 4 peppers, 4 ears sweet corn, 10 pods peas, 4 sweet cucumbers, 4 purple or green kohlrabi, 1 cauliflower, 1 summer squash.

Premiums: \$3 - \$2.75 - \$2.50 - \$2.25

#### Lot Numbers

- 40 Best Garden Box (grades 3-5)
- 41 Best Garden Box (grades 6-8)
- 42 Best Garden Box (grades 9 & up)

### **Class E – Fruit**

1. No more than 4 exhibits per member. Member may make 8 individual entries but may only bring 4 to the fair.

2. Produce will be judged according to the criteria for judging vegetables.

3. Judging will take place Thursday.

Premiums: \$2.50 - \$2.25 - \$2 - \$1.75

#### Lot Numbers

- 1 Apples, summer variety (ripening date before Labor Day) – plate of 4. List variety on back of entry tag. (Examples of summer varieties: Lodi, Earligold, Jersey mac, Paulared, Redfree)
- 2 Apples, winter variety (ripening date after Labor Day) – plate of 4. List variety on back of entry tag. (Examples of winter varieties: Gala, McIntosh, Courtland, Northwestern, Greening, Spartan, Maccoun, Empire, Delicious, Jonathan)
- 3 Pears, plate of 4