



**ATCP 160.62 - PLANT AND SOIL  
SCIENCE - DEPARTMENT 14**

**Please see Judging Schedule for  
date and time.**

**Adult Superintendents: TBD**

Exhibitors and their families are responsible for reading and complying with the Junior Fair General Rules & Instructions.

The Fair Association is not responsible for exhibits lost or stolen during fair.

**Each entry should have a 3"x5" card which describes:**

1. Exhibitor grade and number of years in project
2. Steps taken to complete this exhibit.
3. What have you learned or practiced in completing this exhibit.

Posters can be no larger than 14"x22", and displays can be no larger than 28"x40".

**CLASS A – FIELD CROPS**

**Premiums \$ 2.00 \$ 1.75 \$ 1.50 \$ 1.25**

**Corn Rules and Instructions**

- a) A member may enter **ONLY ONE** corn lot.
- b) Each corn entry must be labeled with the name of the brand, hybrid, and days to maturity (RM). Cut roots off stalk.
- c) Corn stalks must be tied together in a minimum of two places with ribbon, twine, zip ties, etc.

**Lot**

1. 3 stalks hybrid corn – 90 to 105 day (RM)
2. 3 stalks hybrid corn – 106 to 120 day (RM)
3. 3 stalks hybrid sweet corn

**Grain Rules and Instructions**

- a) Each exhibit must be accompanied by a card stating the variety of grain.
- b) Each exhibit **MUST** be two quarts of threshed grain in a bucket with a lid.
- c) Grain must be harvested since August 1 of the previous exhibit year.

**Lot**

5. Oats, any variety
6. Barley, any variety
7. Shelled corn, any variety
8. Soybeans, any variety
9. Wheat, any variety
10. High Moisture corn, any variety

**Samples Rules and Instructions**

- a) Sample **MUST** be cured out at the proper stage of maturity.
- b) Exhibits must be this year's crop.

**Lot**

15. Sheaf of Wheat, 2 inch diameter at upper band
16. Sheaf of Oats, 2 inch diameter at upper band
17. Alfalfa, 24"x18" sample, 4" thick
18. Alfalfa-Grass, 24"x18" sample, 4" thick
19. Haylage, 5 lb. sample in a plastic container – with lid
20. Weed Collection (15 weeds, mounted/labeled, 8 ½"x11" scrapbook)
21. Plant Disease Collection (Plant specimens showing 5 different diseases, labeled in 8 ½"x11" scrapbook)
22. Crop Insect Collection (10 different species, mounted and labeled on 8 ½"x11" display)

## CLASS B – POTATOES

Premiums \$ 2.00 \$ 1.75 \$ 1.50 \$ 1.25

### Potato Rules and Instructions

- One member cannot exhibit more than two (2) Lots.
- Six potatoes constitute an exhibit.
- Varieties include – early varieties: Early Gem, Cobbler, and Norland; mid-season varieties: Haig, Kennebec and Superior; late varieties: Katahdin, Red La Soda, Red Pontiac, White Sebago, and Russet Sebago. Other varieties are accepted.
- Place potatoes in the display. Superintendents will verify the count and mark entry tag accordingly.

### Lot

- Any early variety (state variety)
- Any mid-season variety (state variety)
- Any late variety (state variety)



## CLASS C – GARDEN DISPLAYS

### Vegetable & Garden

### Rules and Instructions

- Superintendents will place vegetables in the display. Superintendent will verify the count and mark the entry tag.
- Exhibitors may make one (1) entry in Class C (Garden Displays), and/or enter in any or all of Class D.
- Vegetables judged according to bulletin A3306 – “Exhibiting & Judging Vegetables”, available at: <https://learningstore.uwex.edu/Exhibiting-and-Judging-Vegetables-P763.aspx>.
- Garden displays in Class C consist of groups of vegetables selected from the list below:

Examples: 4 carrots in one group  
Beans – green or yellow – 10 pods  
Onions – 3                      Beets – 3  
Cabbage – 1                      Peppers – red or green – 3  
Carrots – 4                      Potatoes – 4  
Rutabagas – 2                      Peas – 10 pods  
Cauliflower – 1                      Squash – any variety – 1  
Celery – 1 plant                      Sweet Corn – 3 ears  
Head Lettuce - 1                      Tomatoes – 3  
Kohlrabi – 3                      Muskmelon – 1  
Cucumbers – slicing/ dill size – 3  
Radishes – bunch of 6  
Any Other Large Vegetable – 1  
Any Other Small Vegetable – 3

### Lot

- Gardening Display, Gr. 3-5**  
Premiums \$ 2.00 \$ 1.75 \$ 1.50 \$ 1.25  
Must exhibit 4 different groups from the above list.
- Gardening Display, Gr. 6-8**  
Premiums \$ 2.50 \$ 2.25 \$ 2.00 \$ 1.75  
Must exhibit 5 different groups from the above list.
- Gardening Display, Gr. 9 and up**  
Premiums \$ 3.00 \$ 2.75 \$ 2.50 \$ 2.25  
Must exhibit 6 different groups from the above list.

## CLASS D – VEGETABLES

Premiums \$ 2.00 \$ 1.75 \$ 1.50 \$ 1.25

### Lot

- Carrots, plate of 6
- Onions, plate of 6, white or yellow
- Cabbage, 1 head
- Tomatoes, plate of 6
- Squash, 1
- Any other vegetable, plate of 4 (label type)
- Container vegetable (i.e. patio tomato plant)

## CLASS E – FRUIT

Premiums \$2.00 \$1.75 \$1.50 \$1.25

### Lot

- Exhibit of small ripe fruit grown by member – 1 variety, fresh – displayed in pint box. Examples – raspberries, strawberries. Cover tightly with plastic wrap.
- Exhibit of ripe or green apples grown by member. Display 6 apples, all one variety, on plate.
- Exhibit of ripe or green tree fruit (other than apples) grown by member – 6, all one variety displayed on plate (examples – pear, plums) or pint box of small tree fruit such as cherries.
- A series of posters, or a display, showing steps followed in completing the necessary jobs of fruit culture. This includes such jobs as: planting, cultivation, fertilization, pruning, spraying, mulching, harvesting, etc. This series should follow a specific fruit from planting through production.

**CLASS F – OTHER PLANT & SOIL  
PROJECTS**

**Premiums \$2.00 \$1.75 \$1.50 \$1.25**

**Lot**

- 70. Experiments regarding gardening
- 71. Scarecrow – 3-4 feet high, must be free standing
- 72. Arrangement using vegetables
- 73. Vegetable or fruit with an unusual natural appearance