

## ATCP 160.62-PLANT AND SOIL SCIENCE

### DEPARTMENT 14



**Judging: Wednesday – approx.  
10:00 a.m.** (following Open Class  
*Plant & Soil*)  
**Exhibition Hall**

**Adult Superintendents: Evelyn Tschanz,  
Regina Meighan and Carrie Klein**

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

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

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

Lot

- 3 stalks hybrid corn – 90 to 105 day (RM)
- 3 stalks hybrid corn – 106 to 120 day (RM)
- 3 stalks hybrid sweet corn

#### Grain Rules and Instructions

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

Lot

- Oats, any variety
- Barley, any variety

- Shelled corn, any variety
- Soybeans, any variety
- Wheat, any variety
- High Moisture corn, any variety

#### Samples Rules and Instructions

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

Lot

- Sheaf of Wheat, 2 inch diameter at upper band
- Sheaf of Oats, 2 inch diameter at upper band
- Alfalfa, 24"x18" sample, 4" thick
- Alfalfa-Grass, 24"x18" sample, 4" thick
- Haylage, 5 lb. sample in a plastic container – with lid
- Weed Collection (15 weeds, mounted/labeled, 8 ½"x11" scrapbook)
- Plant Disease Collection (Plant specimens showing 5 different diseases, labeled in 8½"x11" scrapbook)
- 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.
- Exhibitor, accompanied by superintendent, will place potatoes in display. Superintendents will verify 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**

- a) Exhibitor, accompanied by superintendent, will place vegetables in display. Superintendent will verify count and mark the entry tag.
- b) Exhibitors may make one (1) entry in Class C (Garden Displays), and/or enter in any or all of Class D.
- c) Vegetables judged according to bulletin A3306 – “Exhibiting & Judging Vegetables”, available at: <https://learningstore.uwex.edu/Exhibiting-and-Judging-Vegetables-P763.aspx>.
- d) Garden displays in Class C consist of groups of vegetables selected from the list below:  
Example: 4 carrots in one group  
Beans – green or yellow – 10 pods  
Onions – 3    Beets – 3    Peas – 10 pods  
Cabbage – 1    Peppers – red or green – 3  
Carrots – 4    Potatoes – 4  
Cucumbers – slicing/ dill size – 3  
Radishes – bunch of 6    Rutabagas – 2  
Cauliflower – 1    Squash – any variety – 1  
Celery – 1 plant    Sweet Corn – 3 ears  
Head Lettuce - 1    Tomatoes – 3  
Kohlrabi – 3    Muskmelon – 1  
Any Other Large Vegetable – 1  
Any Other Small Vegetable – 3

**Conference Judging (Lots 40-42)**

Lot

40. **Gardening Display, Gr. 3-5**  
Premiums \$ 2.00 \$ 1.75 \$ 1.50 \$ 1.25  
Must exhibit 4 different groups from the above list.
41. **Gardening Display, Gr. 6-8**  
Premiums \$ 2.50 \$ 2.25 \$ 2.00 \$ 1.75  
Must exhibit 5 different groups from the above list.
42. **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 Conference Judging

50. Carrots, plate of 6
51. Onions, plate of 6, white or yellow
52. Cabbage, 1 head
53. Tomatoes, plate of 6
54. Squash, 1
55. Any other vegetable, plate of 4 (label type)
56. Container vegetable (i.e. patio tomato plant)

**CLASS E – FRUIT**

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

Lot

60. Exhibit of small ripe fruit grown by member – 1 variety, fresh – displayed in pint box.  
Examples – raspberries, strawberries. Cover tightly with plastic wrap.
61. Exhibit of ripe or green apples grown by member. Display 6 apples, all one variety, on plate.
62. 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.
63. 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

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