

PLANT AND SOIL SCIENCE Department 14

Check-In: Tuesday, 1 - 8 p.m., Pavilion 1 - Prefunction Space

Judging: Tuesday 1 - 8 p.m.

Class A: Vegetable Crop Box - Lot 1
 Class C: Vegetable Crop Box - Lot 1
 Class D: Fruit - all Lots
 Class E: Soybeans - Lots 19, 20, 21
 Class F: All Lots
 Pavilion 1 - Prefunction Space, Individual Conference
 Judging

All Other Classes: Wednesday, 8:30 a.m. Pavilion 1 - Prefunction Space, **Danish Judging.**

Department Chairperson: Joseph Buening and Lexa Miller

Superintendents: Tara Miller

Eligible 4-H Project Areas:

Corn, Forage, Grains, Fruits, Vegetables, Soil Science
 ***Exhibitors may only enter in the department/classes that correspond with the 4-H projects they are enrolled in.

Regulations:

1. If an entry is deemed to be in the wrong lot by the judge, the exhibitor will receive one placing lower and will not be awarded a premium.

Premiums:	Blue	Red	White	Pink
Class A	\$1.75	\$1.50	\$1.25	\$1
Class B, C, D	\$2	\$1.75	\$1.50	\$1.25
Class E, F	\$2	\$1.75	\$1.50	\$1.25

CLASS A. Vegetables Crop Display

Grades

- | 3-5 | 6-8 | 9+ | |
|------------|------------|-----------|--|
| 1) | 2) | 3) | Vegetable Crop Display - An exhibit of one vegetable grown other than potatoes (<u>Select from Garden List on the next page</u>). Display on a paper plate or garden box. Exhibitor may include all the same vegetables for the garden display. |

CLASS B. Potatoes

Regulations

1. Potato varieties must be named. Varieties recommended include the early varieties: Norland, Red Warba, Irish Cobbler and Early Gem; the mid-season varieties: Chippewa, Red Pontiac and Superior; and the late season varieties: Russet Sebago, Sebago, Katahdin, Russet Burbank, Kennebec, Ontario and Red Lasoda.

Grades

- | 3-5 | 6-8 | 9+ | |
|------------------------------------|------------|-----------|-------------------------------------|
| State variety on entry tag. | | | |
| 1) | 2) | 3) | Potato, any early variety - 10 |
| 4) | 5) | 6) | Potato, any mid-season variety - 10 |
| 7) | 8) | 9) | Potato, any late variety - 10 |

CLASS C. Vegetable Garden Box (No Cloverbuds)

Regulations

1. Vegetables in this class must be from the **Garden List**.
2. **All garden box exhibits must be grown and arranged by the exhibitor.**
3. Aluminum foil is the only material that will be permitted in the bottom of the vegetable boxes.

4. **Boxes (18" x 18") will be provided.** Judging will be based on variety, quality and arrangements.
5. Limit one box per exhibitor, with choice of 4, 5 or 6 vegetables. At check-in time boxes will be divided into groups by vegetables number per box.

Grades

- | 3-5 | 6-8 | 9+ | |
|------------|------------|-----------|---------------|
| 1) | 2) | 3) | Vegetable Box |

CLASS D. Fruit

Regulations

1. State variety on entry tag.

Grades

- | 3-5 | 6-8 | 9+ | |
|------------|------------|-----------|---|
| 1) | 2) | 3) | Raspberries - pint box |
| 4) | 5) | 6) | Small ripe fruit other than raspberries, displayed in a pint box (ex: strawberries, gooseberries, currants) cover tightly w/plastic wrap. |
| 7) | 8) | 9) | 6 ripe or green apples - all one variety |
| 10) | 11) | 12) | 6 ripe or green tree fruit (other than apples) all one variety (ex: pears, plums) |
| 13) | 14) | 15) | Sour cherries - pint box |

CLASS E. Farm Crops

Regulations

1. The size for grain sheaves must be **two** inches in diameter at the smallest point below the heads. All grain sheaves must have leaves stripped from outside.
2. Forage samples should be harvested with usual field harvesting equipment. In Lots 25-36, the exhibit should be in a cured condition suitable for feeding. Bale slices should be attractively displayed. Bring bale slice to Fair tied securely with twine and entry tag attached.
3. In Lots 37-48, the exhibit calls for hay or corn silage. Samples should be displayed in a 1 gallon container with cover.
4. **Lots 1-48 must state variety on entry tag.**
5. Carefully differentiate between hay and forage entries.
6. **Corn must be brought in a 5 gallon bucket.**

Grades

- | 3-5 | 6-8 | 9+ | |
|------------|------------|-----------|--|
| 1) | 2) | 3) | Wheat, well cleaned - 1 gallon container |
| 4) | 5) | 6) | Rye, well cleaned - 1 gallon container |
| 7) | 8) | 9) | Sheaf oats, well cleaned - 2" in diameter below the heads |
| 10) | 11) | 12) | Sheaf barley, well cleaned - 2" in diameter below the heads |
| 13) | 14) | 15) | Sheaf wheat, well cleaned - 2" in diameter below the heads |
| 16) | 17) | 18) | Sheaf rye, well cleaned - 2" in diameter below the heads |
| 19) | 20) | 21) | Soybeans, well cleaned - 6 plants, roots attached with soil, (display in a small plastic container) - Soybean seed or wilted plant |
| 22) | 23) | 24) | Field corn - 3 stalks of corn in a 5 gallon bucket container & securely tied, roots attached with soil |
| 25) | 26) | 27) | Hay sample, 1st crop - exhibited in dry, cured condition |
| 28) | 29) | 30) | Hay sample, 2nd crop - exhibited in dry, cured condition |
| 31) | 32) | 33) | Grass Hay sample, 1st Cut - exhibited in dry, cured condition |
| 34) | 35) | 36) | Grass Hay sample, 2nd Cut - exhibited in dry, cured condition |
| 37) | 38) | 39) | Sample forage from silo or Harvester, exhibited as hay silage (display in a plastic container) |

<u>3-5</u>	<u>6-8</u>	<u>9+</u>	
40)	41)	42)	Sample forage from silo or Harvester, exhibited as corn silage (display in a plastic container)
43)	44)	45)	Sample forage from pit or plastic tube exhibited as hay silage (display in a plastic container)
46)	47)	48)	Sample forage from pit or plastic tube exhibited as corn silage (display in a plastic container)

CLASS F. Other Projects

Grades

<u>3-5</u>	<u>6-8</u>	<u>9+</u>	
1)	2)	3)	Series of posters or a display showing steps followed in completing the necessary jobs of fruit culture (including such jobs as planting cultivation, fertilization, pruning, spraying, mulching, harvesting, etc.). Exhibit should follow a specific fruit from planting through production.
4)	5)	6)	Photographs showing the steps followed in completing the necessary jobs in raising fruit as above.
7)	8)	9)	Crop plants & seed collection (at least 8 samples) properly pressed, dried, mounted and labeled
10)	11)	12)	Collection of at least 8 crop disease specimens properly pressed, dried, mounted and labeled
13)	14)	15)	Weed collection (at least 12 weeds) properly pressed, dried, mounted and labeled
16)	17)	18)	Photographs showing the steps followed in completing the necessary jobs of vegetable gardening (this includes such jobs as planting, cultivation, fertilization, pest control, mulching, harvesting, etc.) - exhibit should follow garden from beginning to end.

Garden List:

*****Select from this list for Classes A and C*****

Asparagus - 6 stalks
 Beans - 10 green, purple or yellow pods
 Beets - 4
 Broccoli - 1 large head or cluster of small heads
 Cabbage - 1
 Carrots - 4 long or short
 Cauliflower - 1
 Cucumbers - 4 slicing
 Dill - 3 stalks
 Edible pea pods - 10 pods
 Garden peas - 10 pods
 Kohlrabi - 4
 Lettuce - 1 firm head
 Onions - 4 white or yellow
 Peppers - 4 red or green
 Potatoes - 4
 Radishes - bunch of 6
 Squash - 1 any variety
 Sweet Corn - 4 ears husked
 Tomatoes - 4 green or ripe
 Turnips - 4
 Any other leafy vegetable (lettuce, spinach, Chinese cabbage, chard) adequately displayed in pint box.

Special Awards:

Miller & Sons Supermarket - All ribbons. Trophy for Champion and Rosette for Reserve Champion in designated class or lot.

FLOWERS AND HOUSE PLANTS Department 15

Check-In: Tuesday, 1 - 8 p.m., Pavilion 1 - Prefunction Space

Judging: Tuesday, 1 - 8 p.m. Pavilion 1 - Prefunction Space,
Individual Conference.

Class A - B: All lots
 Class C: Lots 13 - 15
 Class E - F: All lots
 Class H: All lots

All other classes, Wednesday, 8:30 a.m., Danish Judging, Pavilion 1 - Prefunction Space.

Superintendents: Gail & Dean Meister 455-6342
 Lisa Mahoney

Eligible 4-H Project Areas: House Plants, Flowers, Home Grounds

***Exhibitors may only enter in the department/classes that correspond with the 4-H projects they are enrolled in.

Regulations

- Individual Conference requires exhibitors to be present.** A time card will be at the registration table to schedule a time. Otherwise first come. Youth are welcome to observe Danish Judging.
- At check-in time or any time during the Fair, the superintendent has the right to remove any entry showing insect infestation.
- After judging, exhibitors will be expected to water and care for entries throughout the Fair to maintain an attractive exhibit. The Superintendent has the right to remove any entry whose wilted condition makes it unattractive.
- All corsages are to be in plastic bags or plastic corsage boxes.
- Unless otherwise noted, all plant material entered **must be grown by the exhibitor.**
- If an entry is deemed to be in the wrong lot by the judge, the exhibitor will receive one placing lower and will not be awarded a premium.

Premiums:	Blue	Red	White	Pink
Classes A, E, F, G, H,	\$2.00	\$1.75	\$1.50	\$1.25
Classes B, D	\$2.50	\$2.25	\$2.00	\$1.75
Class C	\$1.75	\$1.50	\$1.25	\$1.00

CLASS A. Landscape, Home Ground Management

Lots

- Landscape plans exhibit - including before and after plan and pictures along with story of progress made in improving home grounds during the year (must be an amateur scheme).
- 10 specimens of shrub or tree leaves exhibit properly pressed, mounted and identified. Exhibit is to include **two** samples of each leaf (upper and underside of leaf).
- Lawn care exhibit - include before and after pictures with story on seed used, fertilizer and weed control.
- Plan of flower border - include pictures before and after planting border.

CLASS B. Growing Flowers - Bouquet of Annuals

Regulations

- Each exhibit is to consist of 6 stems with blossoms of one variety.
- Lots will be judged on stem, foliage and flower. Therefore, you should include foliage. We recommend that entries be in clear glass containers.