

PLANT AND SOIL SCIENCE Department 14

Check-In

Tuesday, 1 - 7 p.m., Exhibition Hall

Judging

Tuesday, 1 - 7 p.m. Individual Conference Judging, Exhibition Hall:

Class A: All lots

Class C: All lots

Class D: Fruits - all lots

Class F: Other Projects - all lots

Tuesday, 7:00 p.m. Danish Judging: All Other Classes/Lots

Department Chairperson

Sherry Combs - (608) 293-3715 / sherrymcombs54@gmail.com

Superintendents

****Superintendents needed. Please email the Fair office at info@danecountyfair.com.**

Eligible 4-H Project Areas

Crops(Corn, Forage, Grains, Soybeans), Fruits, Vegetables, Soil Science, Horticulture

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

Regulations

- 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

	<u>Blue</u>	<u>Red</u>	<u>White</u>	<u>Pink</u>
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 (Select from Garden List in right column). Display on a paper plate or garden box. Exhibitor may include all the same vegetables for the garden display.

CLASS B. Potatoes

Regulations

- Potato varieties **must be named**. Varieties can include, but are not limited to - early varieties: Early Gem, Irish Cobbler, Norland, and Red Warba; the mid-season varieties: Chippewa, Red Pontiac and Superior; and the late season varieties: Katahdin, Kennebec, Ontario, Red Lasoda, Russet Burbank, Russet Sebago, and Sebago.
- State variety on entry tag.

Grades

3-5 6-8 9+

- 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

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

- Boxes (18"x18") will be provided.** Judging will be based on variety, quality and arrangements. *NOTE: vegetables need to be placed in boxes by exhibitor so that items do not move around prior to judging.*
- Limit one box per exhibitor, with choice of 4, 5 or 6 vegetable varieties. 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

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.

CLASS D. Fruit

Regulations

- State variety on entry tag.
- **NEW THIS YEAR**** All soft fruits should be submitted in a clear, ventilated pint box

Grades

3-5 6-8 9+

- 1) 2) 3) Raspberries - displayed in a clear, ventilated pint box
- 4) 5) 6) Small ripe fruit other than raspberries, displayed in a clear, ventilated 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 - displayed in a clear, ventilated pint box

CLASS E. Farm Crops

Regulations

- 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.
- 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. ****NEW THIS YEAR**** Hay samples must be taken from a bale (small square, large square, round), not from the windrow prior to baling. Label if hay sample has been treated with propionic acid.

3. In Lots 37-48, the exhibit calls for haycrop silage or corn silage. ****NEW THIS YEAR**** Samples should be displayed in a one gallon clear plastic bag that can be vented.
4. **Lots 1-48 must state variety on entry tag.**
5. Carefully differentiate between hay and forage entries.
6. **Whole-plant corn must be brought in a 5 gallon bucket.**

Grades

- | <u>3-5</u> | <u>6-8</u> | <u>9+</u> | |
|------------|------------|-----------|--|
| 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) | Alfalfa Hay sample, 1st crop, made in current year - exhibited in dry, cured condition |
| 28) | 29) | 30) | Alfalfa Hay sample, 2nd crop, made in current year - exhibited in dry, cured condition |
| 31) | 32) | 33) | Grass Hay sample, 1st cut, made in current year - exhibited in dry, cured condition |
| 34) | 35) | 36) | Grass Hay sample, 2nd cut, made in current year - exhibited in dry, cured condition |

All silage entries should be displayed in a one gallon clear plastic bag that can be vented

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|-----|-----|-----|---|
| 37) | 38) | 39) | Sample forage from tower silo, exhibited as hay silage |
| 40) | 41) | 42) | Sample forage from tower silo, exhibited as corn silage |
| 43) | 44) | 45) | Sample forage from bunker, pile or bag exhibited as hay silage |
| 46) | 47) | 48) | Sample forage from bunker, pile or bag exhibited as corn silage |

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 (size: 22"x28") 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 |

Special Awards and Sponsorships

Miller & Sons Supermarket - All ribbons. Award and rosette for Champion and rosette for Reserve Champion in designated class or lot. 44