

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

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

- 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 (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)
4)	5)	6)
7)	8)	9)
Potato, any early variety - 10		
Potato, any mid-season variety - 10		
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)
10)	11)	12)
6 ripe or green apples - all one variety		
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
<i>All silage entries should be displayed in a one gallon clear plastic bag that can be vented</i>			
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.