

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 Entries Department, entries.danecountyfair@gmail.com**

Eligible 4-H Project Areas

Crops, Horticulture & Gardening, 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

	<u>Blue</u>	<u>Red</u>	<u>White</u>	<u>Pink</u>
Class A	\$2.00	\$1.75	\$1.50	\$1.25
Class B, C, D, E	\$2.50	\$2.25	\$2.00	\$1.75

CLASS A. Vegetable Crop Display

Grades

3-5 6-8 9+

- | | | | |
|----|----|----|--|
| 1) | 2) | 3) | Vegetable Crop Display - An exhibit of one vegetable grown (<u>Select from Garden List in right column</u>). Display on a paper plate or garden box. Exhibitor may include all the same vegetables for the garden display. |
|----|----|----|--|

CLASS B. Vegetable Garden Box

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.
- **NEW THIS YEAR**** Only one variety of each garden crop is allowed.

Grades

3-5 6-8 9+

- | | | | |
|----|----|----|---------------|
| 1) | 2) | 3) | Vegetable Box |
|----|----|----|---------------|

Garden List:

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

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
****NEW THIS YEAR**** Garlic - 4 heads
 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 C. Fruit

Regulations

- State variety on entry tag.
- All soft fruits (raspberries, strawberries, gooseberries, currants, sour cherries, etc.) must be submitted in a clear, ventilated pint box.

Grades

- | <u>3-5</u> | <u>6-8</u> | <u>9+</u> | |
|------------|------------|-----------|---|
| 1) | 2) | 3) | Raspberries |
| 4) | 5) | 6) | Small ripe fruit other than raspberries, (ex: strawberries, gooseberries, currants) |
| 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 |

CLASS D. Farm Crops

Regulations

- **NEW THIS YEAR**** The size for grain sheaves must be **two** inches in diameter at the smallest point below the heads and have leaves stripped from outside. 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. 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.
- In Lots 37-48, the exhibit calls for haycrop silage or corn silage. Samples should be displayed in a one gallon clear plastic bag that can be opened.
- **NEW THIS YEAR**** Stating the variety on the entry tag for lots 1-48 is optional.
- Whole-plant corn must be brought in a 5 gallon bucket.**
- **NEW THIS YEAR**** Corn must have maturity days listed on entry tag and if harvested for grain or silage.

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) |
| 22) | 23) | 24) | **NEW THIS YEAR** Corn harvested for grain - 3 stalks of corn in a 5 gallon bucket container & securely tied , roots attached with soil |
| 25) | 26) | 27) | **NEW THIS YEAR** Corn harvested for silage - 3 stalks of corn in a 5 gallon bucket container & securely tied , roots attached with soil |
| 28) | 29) | 30) | Alfalfa Hay sample, 1st crop, made in current year - exhibited in dry, cured condition |
| 31) | 32) | 33) | Alfalfa Hay sample, 2nd crop, made in current year - exhibited in dry, cured condition |
| 34) | 35) | 36) | Grass Hay sample, 1st cut, made in current year - exhibited in dry, cured condition |
| 37) | 38) | 39) | 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 opened

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|-----|-----|-----|---|
| 40) | 41) | 42) | Sample forage from tower silo, exhibited as hay silage |
| 43) | 44) | 45) | Sample forage from tower silo, exhibited as corn silage **NEW THIS YEAR** Note on entry tag if the corn silage sample was harvested as snaplage. |
| 46) | 47) | 48) | Sample forage from bunker, pile or bag exhibited as hay silage |
| 49) | 50) | 51) | Sample forage from bunker, pile or bag exhibited as corn silage **NEW THIS YEAR** Note on entry tag if the corn silage sample was harvested as snaplage. |

CLASS E. 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.