

DEPARTMENT 14

PLANT and SOIL SCIENCE

Superintendents: Crops - Jason Sterr 920-960-0373

Garden - Leanne Gensch 920-927-3349

Entry Day: Tuesday of Fair Week – checked in by 7:00pm
Judging Day: Wednesday – Vegetables 9:00 am and Crops 1:00 pm
Judging Location: Youth Building

- Exhibitor grade as of January 1 of current year.
- Exhibitor must be enrolled in specific project.
- Superintendent may split large classes or combine smaller classes.
- Member must ACTIVELY participate in project.
- Members are responsible for removing entries at checkout time on Sunday of the Fair.**

CLASS A – Educational Exhibits

- Open to all members enrolled in Crops and Vegetable Garden projects.
- Exhibit must be selected and prepared during current Fair year and entered by exhibitor.
- 1. Collection of 10 Weeds, mounted and named
- 2. Collection of 3 Diseased Plants, mounted and named
- 3. Booklet related to any species listed below (*Grade 3 only*)
- 4. Educational exhibit relating to project – poster, display, scrapbook, etc. (Grades 4 & up)
- 5. Scarecrow, self-standing

Premium - Danish Judging \$3.50 \$3.00 \$2.50 \$2.00

CLASS B - GRAIN

- Exhibits must be grown in the current Fair year it is exhibited.
- Grain must be exhibited in a 1-gallon re-sealable bag provided by the exhibitor. Do not overfill bag.
- Samples should be approximately 3 quarts.
- You MUST write the VARIETY NAME and MATURITY on the FRONT of your ENTRY TAG! Will be penalized 1 placing if not indicated!**
- 1. Winter Wheat (*Grades 3-8*)
- 2. Winter Wheat (*Grade 9 & Up*)
- 3. Oats (*Grades 3-8*)
- 4. Oats (*Grades 9 & Up*)
- 5. Barley
- 6. Rye

Premium - Danish Judging \$2.50 \$2.25 \$2.00 \$1.75

CLASS C - SHEAF GRAINS

- Exhibits must be grown in current Fair year; selected and prepared by the exhibitor.
- Sheaves should be bound tightly with binding material **in 3-5 places**.
- Stems must be 3-4" in diameter at bottom of sheaf.
- Preferred binding material is ribbon. Colored string, yarn, or twine is acceptable. Wire and zip-ties are not.
- Remove leaves from lower nodes but not pods, wash roots lightly.
- You MUST write VARIETY NAME on your ENTRY TAG! Will be penalized 1 placing if not indicated!**
- 1. Winter Wheat
- 2. Oats
- 3. Barley
- 4. Rye
- 5. Soybeans, fresh (**Do not dry**) (*Must be shown with roots and leaves on*) (*Grades 3-8*)
- 6. Soybeans, fresh (**Do not dry**) (*Must be shown with roots and leaves on*) (*Grades 9 & Up*)

Premium - Danish Judging \$2.50 \$2.25 \$2.00 \$1.75

CLASS D - CORN

-Exhibits must be grown in the current Fair year; selected by the exhibitor; and husked.

-**You MUST write the VARIETY NAME and MATURITY on your ENTRY TAG! Will be penalized 1 placing if not indicated.**

1. Hybrid corn - 10 ears (*Grades 3-8*)
2. Hybrid corn - 10 ears (*Grade 9 & Up*)
3. Popcorn – 10 ears
4. Longest ear of corn

Premium - Danish Judging \$2.50 \$2.25 \$2.00 \$1.75

CLASS E - CORN STALKS

-Exhibits must be grown in current Fair year; selected and prepared by exhibitor.

-**You MUST write the VARIETY NAME and MATURITY on your ENTRY TAG! Exhibitors will be penalized 1 placing if not indicated!**

-Stalks should be exhibited in 5 gallon pail with roots ON. (A high pressure stream of water from a hose does an excellent job of removing soil from roots.) If necessary, roots can be trimmed to fit in the pail. Stalks should be tied in **2 places**.

-Twine is acceptable for tying.

-**Exhibitor must provide the 5 gallon pail.**

1. Three stalks hybrid corn for **silage**. (*Grades 3-8*)
2. Three stalks hybrid corn for **silage**. (*Grades 9 & Up*)
3. Three stalks hybrid corn for **grain**. (*Grades 3-8*)
4. Three stalks hybrid corn for **grain**. (*Grades 9 & Up*)
5. Most unique corn plant

Premium - Danish Judging \$2.50 \$2.25 \$2.00 \$1.75

UNITED CO-OP Grain Crops Award

- Award \$25 to the best grain crops exhibitor selected by showing 5 or more exhibits in Grain Crops Classes B, C, D, E3, E4.

- **To be considered for this award you must sign up on entry day with superintendent.**

CLASS F – SHEAF FORAGES (FRESH)

-Exhibits must be grown in current Fair year; selected and prepared by the exhibitor.

-Sheaves should be bound tightly with binding material in **2-3 places**.

-Exhibit must be 3-4" in diameter.

-Preferred binding material is ribbon. Colored string, yarn, or twine is acceptable. Wire and zip-ties are not.

-Selected when in the right state for good hay, leaves left on.

-**You MUST write VARIETY NAME on your ENTRY TAG! Will be penalized 1 placing if not indicated!**

1. Alfalfa
2. Red Clover
3. Any other grass hay

Premium - Danish Judging \$2.50 \$2.25 \$2.00 \$1.75

CLASS G - FORAGES

-Exhibits must be grown in the current Fair year (*except Corn Silage*); selected and prepared by exhibitor.

-All **hay** exhibits **MUST BE CURED**--It should be air dried down to safe storage moisture. **Haylage** must be fermented from silo. (Horizontal, vertical or bag)

-Alfalfa/Grass Mix should be 25% grass or greater.

-Alfalfa should be less than 25% grass.

-**Baled alfalfa** must be no greater than 4" thickness.

-**Exhibitor MUST PROVIDE a zipper bag or loosely tied clear plastic bag for dry hay exhibit.**

-**Haylage and Corn Silage** samples should be approximately 3 quarts and exhibited in 1 gallon ziploc bag supplied by the exhibitor. Attach tag to outside of bag.

-Staple entry tag to outside of the bag.

1. Baled alfalfa, 1st crop.
2. Baled alfalfa/grass mix, 1st crop.
3. Baled alfalfa, 2nd crop.
4. Baled alfalfa/grass mix, 2nd crop.
5. Baled alfalfa, 3rd crop.
6. Baled alfalfa/grass mix, 3rd crop.
7. Dry hay, any other. (Identify species)
8. Haylage, Alfalfa
9. Haylage, Mixed Alfalfa/Grass
10. Baleage
11. Corn Silage (*Previous year's crop*) (*Grades 3-8*)
12. Corn Silage (*Previous year's crop*) (*Grade 9 & Up*)
13. Any other silage (Identify crop)

Premium - Danish Judging \$2.50 \$2.25 \$2.00 \$1.75

CLASS H - STRAW

-Exhibits must be grown in the current Fair year

-Baled straw must be no greater than a 4" thickness.

-*Exhibitor MUST PROVIDE a zipper bag or loosely tied clear plastic bag for straw exhibit.*

1. Straw

Premium - Danish Judging \$2.50 \$2.25 \$2.00 \$1.75

CLASS I – ANY OTHER CULTIVATED CROP

This would include crops such as hops, sunflower head, forage turnip, etc.

Note species on front of tag. If perennial crop, list year planted.

1. Any other cultivated crop, specimen typical to species (*Grades 3-8*)
2. Any other cultivated crop, specimen typical to species (*Grades 9 & Up*)

Premium - Danish Judging \$2.50 \$2.25 \$2.00 \$1.75

DODGE COUNTY FORAGE COUNCIL AWARDS

- \$15 to the 1st place forage exhibitor selected by showing 3 or more exhibits including a sheaf, a dry, and a fermented forage. (*Grades 3-8*)
- \$15 to the 1st place forage exhibitor selected by showing 3 or more exhibits including a sheaf, a dry, and a fermented forage. (*Grades 9 & Up*)
- **To be considered for this award you must sign up on entry day with a superintendent.**

DODGE COUNTY FORAGE COUNCIL POSTER CONTEST

The topic for the Poster Contest will be announced annually. Check 4-H newsletter for details.

- Poster should be constructed using a Full Tag board
- Only 1 exhibit per club/chapter can be entered
- Any youth exhibitor can be involved
- Posters must be 2-dimensional
- Drawings or photography is allowed
- Club/Chapter name must appear on front of poster with individual names on back of poster.
- Award will be given to the club or chapter/not an individual!
- Posters must be submitted by the first Monday of August to the Dodge County UW-Extension office
- All sources of information must be referenced

Award = 1st place \$50; 2nd place \$30; 3rd place \$20

CLASS J - POTATOES

-Open to youth in *Garden and Crops projects*.

-May be washed or brushed.

-List variety of potato on front of tag. Entries will be penalized one placing if variety is not included.

-Plate of 6 potatoes. NO MORE - NO LESS.

1. Red potatoes (*Grades 3-8*)
2. Red potatoes (*Grade 9 & Up*)
3. White potatoes (*Grades 3-8*)
4. White potatoes (*Grade 9 & Up*)
5. Russet potatoes (*Grades 3-8*)
6. Russet potatoes (*Grade 9 & Up*)
7. Most unique potato

Premium - Danish Judging \$2.50 \$2.25 \$2.00 \$1.75

CLASS K - VEGETABLE GARDEN

-Open to youth enrolled in Vegetable Garden project.

-Limit of 10 entries, *plus a Garden Box*, per exhibitor.

-Use **UW-Extension publication A3306** "Exhibiting & Judging Vegetables" to help prepare your exhibit.

-*Exhibit MUST have 5 of EACH vegetable, unless specified.*

NO MORE - NO LESS.

-Write Variety of each vegetable if known.

-All root crops should be brushed or washed.

-Tomatoes should be ripe with stems removed.

-Pumpkins should have adequate stem handle.

-Gourds should not be included in vegetable exhibits.

-Fair workers reserve the right to dispose of garden exhibits if spoilage occurs.

-Entries in wrong class will receive a participation ribbon.

1. Vegetable with most unusual appearance or blemish
2. Beans, green (*Grades 3-8*) - 12 per plate
3. Beans, green (*Grades 9 & Up*) - 12 per plate
4. Beans, yellow wax - 12 per plate
5. Beets (*Grades 3-8*)
6. Beets (*Grades 9 & Up*)
7. Broccoli - one head
8. Cabbage, green - one head
9. Cabbage, red - one head
10. Carrots (*Grades 3-8*)
11. Carrots (*Grades 9 & Up*)
12. Cauliflower - one head
13. Celery - one bunch
14. Cucumbers, fancy sweet (1-1/2 to 2-1/2 inches long)
15. Cucumbers, for dill (2-1/2 to 6 inches long)
16. Cucumbers, table slicers
17. Eggplant – two
18. Garlic, mature dry
19. Kohlrabi - three
20. Muskmelon - one
21. Any other melon - one
22. Onions, mature dry
23. Onions, Sweet Spanish type
24. Peppers, blocky bell (*Grades 3-8*)
25. Peppers, blocky bell (*Grades 9 & Up*)
26. Peppers, elongated bell
27. Peppers, any other sweet (*Grades 3-8*)
28. Peppers, any other sweet (*Grades 9 & Up*)
29. Peppers, hot

30. Pumpkin - one (*Grades 3-8*) **Note variety on front of tag**
31. Pumpkin - one (*Grades 9 & Up*) **Note variety on front of tag**
32. Pumpkin, largest - one
33. Squash, winter – one **Note variety on front of tag**
34. Summer squash, any other variety - two
35. Summer squash, zucchini - two
36. Sweet corn - Must be husked with shank removed; keep ear tips on.
37. Tomatoes, red - 1 to 3 inches across (*Grades 3-8*)
38. Tomatoes, red - 1 to 3 inches across (*Grades 9 & Up*)
39. Tomatoes, red - larger than 3 inches across (*Grades 3-8*)
40. Tomatoes, red - larger than 3 inches across (*Grades 9 & Up*)
41. Tomatoes, ripe heirloom - **Note variety on tag**
42. Tomatoes, ripe, any other color
43. Tomatoes, salad or cherry - smaller than 1 inch in diameter (*Grades 3-8*)
44. Tomatoes, salad or cherry - smaller than 1 inch in diameter (*Grades 9 & Up*)
45. Watermelon - one
46. Any other vegetable not listed above (5/plate if small vegetable; one specimen if large vegetable) List species on front of tag.

Premium - Danish Judging \$2.00 \$1.75 \$1.50 \$1.25

GARDEN BOX

- Open to youth enrolled in Vegetable Garden project.
- Exhibitors must provide their own wooden containers (approximately 18"x24"x4" deep). Containers must be that size and painted white. Do not use paper for lining or decorations.**
- Garden Box must contain 1 (but not more than 1) LARGE vegetable (*large vegetables include: cabbage, squash, & cauliflower*)
- Garden Box must contain 5 of each vegetable species (*such as 5 beets, 5 onions, 5 tomatoes*). If beans or peas must have 12 each.
- POTATOES CANNOT BE EXHIBITED IN GARDEN BOXES.
- Only one variety of peppers may be included in the Garden Box.

47. Garden Box (*Grades 3-8*) TOTAL of five different vegetables, must include one LARGE vegetable.
(*Ex: 1 pumpkin, 5 tomatoes, 5 onions, 5 cucumbers, 12 beans*)

48. Garden Box (*Grade 9 & Up*)
TOTAL of six different vegetables, must include one LARGE vegetable.

Premium - Danish Judging \$3.50 \$3.00 \$2.50 \$2.00

VEGETABLE GARDEN AWARDS

- Award winner selected by placings in Garden Box & 5 plates (*Potato and Fruit plates not included*)
- **To be considered for this award you must sign up on entry day with a superintendent.**
 - **Vegetable Garden Award** (*Grades 3-8*)
 - **Vegetable Garden Award** (*Grade 9 & Up*)
- Award sponsors and recipients will be posted at the Fair

CLASS L - FRUIT

- Open to youth enrolled in Fruit projects.
- Fruit must be grown by exhibitor.
- Fruit may be washed and polished.
- Only 1 variety per plate.
- Note variety on entry tag if known.
- 1. Plate of 5 apples
- 2. Plate of 5 pears
- 3. Plate of grapes (*2-3 bunches*)

4. Plate of 5 plums
5. Raspberries, 1 pint level full (*enclosed in plastic wrap*)
6. Plate of Other fruit. (*5 per plate if large fruit or 15 per plate if small fruit*) (Must all be same fruit)
7. Scrapbook describing what you did and learned in your Fruit Project.

Premium - Danish Judging \$2.50 \$2.25 \$2.00 \$1.75