

**DEPARTMENT 14**  
**PLANT and SOIL SCIENCE**

*(Jason Sterr, Crops Superintendent 920 387-2922)*

*(Leanne Gensch, Garden Superintendent 920 927-3349)*

- Exhibitor grade as of January 1 of current year.
- Exhibitor must be enrolled in specific project.
- Member must ACTIVELY participate in project.

**CLASS A - GRAIN**

- Exhibits must be grown in the current Fair year it is exhibited.
- Grain must be exhibited in a 1-gallon Ziploc bag provided by the exhibitor. (approx. 4 quarts)
- **You MUST write VARIETY NAME on ENTRY TAG! Will be penalized 1 placing if not indicated!**
  1. Winter Wheat (*Grades 4-8*)
  2. Winter Wheat (*Grade 9 & Up*)
  3. Oats (*Grades 4-8*)
  4. Oats (*Grades 9 & Up*)
  5. Barley (*Grades 4-8*)
  6. Barley (*Grade 9 & Up*)
  7. Rye

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

**CLASS B - SHEAF GRAINS**

- Exhibits must be grown in current Fair year; selected and prepared by the exhibitor.
- Sheaves should be bound tightly with binding material 3 times.
- Stems must be 3-4" in diameter measured 8" above soil line.
- 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!**
  1. Winter Wheat
  2. Oats
  3. Barley
  4. Rye
  5. Soybeans, fresh (**Do not dry**) (*Must be shown with roots and leaves on*) (*Grades 4-8*)
  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 C - CORN**

- Exhibits must be grown in current Fair year; selected and prepared by the exhibitor.
- **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 4-8*)
  2. Hybrid corn - 10 ears (*Grade 9 & Up*)

**Premiums - Danish Judging    \$2.50   \$2.25   \$2.00   \$1.75**

**UNITED CO-OP Grain Crops Award**

- Will award \$25 to the best grain crops exhibitor selected by showing 5 or more exhibits in Grain Crops Classes A, B, & C.
- **To be considered for this award you must sign up on entry day with superintendent.**

**CLASS D - 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! Will be penalized 1 placing if not indicated!**
- *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.*
- Twine is acceptable for tying.
- **Exhibitor must provide the 5 gallon pail.**
  1. Three stalks hybrid corn for **silage**, roots on (*remove soil*) in a 5-gallon pail. Stalks must be tied together in 3 places. (*Grades 4-8*)
  2. Three stalks hybrid corn for **silage**, roots on (*remove soil*) in a 5-gallon pail. Stalks must be tied together in 3 places. (*Grades 9 & Up*)
  3. Three stalks hybrid corn for **grain**, roots on (*remove soil*) in a 5 gallon pail. Stalks must be tied together in 3 places. (*Grades 4-8*)
  4. Three stalks hybrid corn for **grain**, roots on (*remove soil*) in a 5 gallon pail. Stalks must be tied together in 3 places. (*Grades 9 & Up*)
  5. Three stalks sweetcorn, roots on (*remove soil*)

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

## **CLASS E – SHEAF FORAGES**

- Exhibits must be grown in current Fair year; selected and prepared by the exhibitor.
  - Sheaves should be bound tightly with binding material 2 times.
  - 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!**
1. Alfalfa
  2. Red Clover
  3. Any other grass hay

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

## **CLASS F - 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%-75% grass
  - **Slice of baled alfalfa** must be 2-4 inches in thickness.
  - *Exhibitor MUST PROVIDE clear plastic bag for dry hay exhibit.*
  - **Haylage and Corn Silage** exhibits should be 4 quarts in size.
  - **Haylage and Corn Silage** samples should be exhibited in 1 gallon ziploc bag *supplied by the exhibitor.* (approximately 4 quarts)
  - Staple entry tag to bag.
1. One slice of baled alfalfa, 1st crop. (*Grades 4-8*)
  2. One slice of baled alfalfa, 1st crop. (*Grade 9 & Up*)
  3. One slice of baled alfalfa/grass mix, 1st crop. (*Grades 4-8*)
  4. One slice of baled alfalfa/grass mix, 1st crop. (*Grade 9 & Up*)
  5. One slice of baled alfalfa, 2nd crop. (*Grades 4-8*)
  6. One slice of baled alfalfa, 2nd crop. (*Grade 9 & Up*)
  7. One slice of baled alfalfa/grass mix, 2nd crop. (*Grades 4-8*)
  8. One slice of baled alfalfa/grass mix, 2nd crop. (*Grade 9 & Up*)
  9. One slice of baled alfalfa, 3rd crop. (*Grades 4-8*)
  10. One slice of baled alfalfa, 3rd crop. (*Grade 9 & Up*)
  11. One slice of baled alfalfa/grass mix, 3rd crop. (*Grades 4-8*)
  12. One slice of baled alfalfa/grass mix, 3rd crop. (*Grade 9 & Up*)
  13. Haylage, Alfalfa (*Grades 4-8*)
  14. Haylage, Alfalfa (*Grade 9 & Up*)
  15. Haylage, Mixed Alfalfa/Grass (*Grades 4-8*)
  16. Haylage, Mixed Alfalfa/Grass (*Grade 9 & Up*)

17. Baleage

18. Corn Silage (*Previous year's crop*) (*Grades 4-8*)

19. Corn Silage (*Previous year's crop*) (*Grade 9 & Up*)

20. Any other silage

**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 4-8*)
- \$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
- 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.

**Award = 1<sup>st</sup> place \$25; 2<sup>nd</sup> place \$15; and 3<sup>rd</sup> place \$10**

## **CLASS G - POTATOES**

- Open to youth in *Garden and Crops projects*.
  - May be washed or brushed.
  - List variety of potato.
  - **Plate of 6 potatoes. NO MORE - NO LESS.**
1. Red potatoes (*Grades 4-8*)
  2. Red potatoes (*Grade 9 & Up*)
  3. White potatoes (*Grades 4-8*)
  4. White potatoes (*Grade 9 & Up*)
  5. Russet potatoes (*Grades 4-8*)
  6. Russet potatoes (*Grade 9 & Up*)

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

## **CLASS H - VEGETABLE GARDEN**

- Open to youth enrolled in Vegetable Garden project.
- **Limit of 10 entries, plus a Garden Box, per exhibitor.**
- *Exhibit MUST have 5 of EACH vegetable, unless specified.*
- NO MORE - NO LESS.
- Use Extension publication A3306 "Exhibiting & Judging Vegetables" to help prepare your exhibit.
- **Write Variety of each vegetable if known.**
- All root crops should be brushed or washed.
- Tomatoes should be ripe with stems removed.
- 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. Red beets - garden variety (*Grades 4-8*)
- 2. Red beets - garden variety (*Grade 9 & Up*)
- 3. Carrots (*Grades 4-8*)
- 4. Carrots (*Grade 9 & Up*)
- 5. Sweet Spanish type onion
- 6. Mature dry onions
- 7. Salad or cherry tomatoes – smaller than 1 inch in diameter (*Grades 4-8*)
- 8. Salad or cherry tomatoes – smaller than 1 inch in diameter (*Grades 9 & Up*)
- 9. Tomatoes, red – 1 to 3 inches in diameter (*Grades 4-8*)
- 10. Tomatoes, red – 1 to 3 inches in diameter (*Grade 9 & Up*)
- 11. Tomatoes, red – larger than 3 inches in diameter (*Grades 4-8*)
- 12. Tomatoes, red – larger than 3 inches in diameter (*Grade 9 & Up*)
- 13. Tomatoes, ripe, any other color
- 14. Tomatoes, ripe heirloom – **Note variety on tag**
- 15. Sweet peppers, blocky bell – smaller than 4 inches across (*Grade 4-8*)
- 16. Sweet peppers, blocky bell – smaller than 4 inches across (*Grade 9 & Up*)
- 17. Sweet peppers, blocky bell – 4 inches or more across (*Grade 4-8*)
- 18. Sweet peppers, blocky bell – 4 inches or more across (*Grade 9 & Up*)
- 19. Sweet peppers, elongated bell (*Grade 4-8*)
- 20. Sweet peppers, elongated bell (*Grade 9 & Up*)
- 21. Any other sweet peppers (*Grades 4-8*)
- 22. Any other sweet peppers (*Grades 9 & Up*)
- 23. Hot peppers
- 24. Cucumbers, fancy sweet (*1½ - 2½ inches long*)
- 25. Cucumbers, for dill (*2½ - 6 inches long*)
- 26. Cucumbers, table slicers
- 27. Kohlrabi – 3 per plate
- 28. Sweet Corn - **must be husked and keep ear tips on.**
- 29. Celery, 1 bunch

- 30. Beans, snap green (*Grades 4-8*) - 12 per plate
- 31. Beans, snap green (*Grade 9 & Up*) - 12 per plate
- 32. Beans, yellow-wax - 12 per plate
- 33. Late cabbage (*one head*)
- 34. Red cabbage (*one head*)
- 35. Summer squash, zucchini (*two*)
- 36. Summer squash, all other varieties (*two*)
- 37. Winter squash, (*one*) **Note variety on tag**  
(*Spaghetti squash is usually included here*)
- 38. Eggplant (*two*)
- 39. Broccoli (*one head*)
- 40. Cauliflower (*one head*)
- 41. Any other vegetable  
(*5/plate if small vegetable - one (1) specimen if large vegetable*)
- 42. Muskmelon (*one*)
- 43. Watermelon (*one*)
- 44. Any other melon (*one*)
- 45. Pumpkin (*one*) (*Grades 4-8*) **Note variety on tag.**
- 46. Pumpkin (*one*) (*Grade 9 & Up*) **Note variety on tag.**
- 47. Largest pumpkin (*one*)

**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 (Maximum 18"x24"x4" deep). Containers must be that size and painted white. Do not use paper for lining or decorations.**
- Garden Box must contain one (but not more than one) 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 CAN NOT BE EXHIBITED IN GARDEN BOXES.**
- Only vegetables listed above may be included in the Garden Box.
- 48. Garden Box (*Grades 4-8*) Five different vegetables, must include one LARGE vegetable. (*Ex: 1 pumpkin, 5 tomatoes, 5 onions, 5 cucumbers, 12 beans*)
- 49. Garden Box (*Grade 9 & Up*)  
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.**
- Waldvogel Farm Market:**     -     \$15 (*Grades 4-8*)
- Knowles Produce:**             -     \$15 (*Grade 9 & Up*)

## **CLASS I - FRUIT**

- Open to youth enrolled in Fruit projects.
- Fruit must be grown by exhibitor.
- Fruit may be washed and polished.
- **FRUIT VARIETY MUST BE written on the ENTRY TAG.**
- 1. Plate of 5 EARLY apples, one variety.  
(Varieties include: *Yellow Transparent, Lodi, Melba, Milton, Viking, Paula Red, Duchess, Beacon, etc.*).
- 2. Plate of 5 MID-SEASON apples, one variety.  
(Varieties include: *McIntosh, Cortland, Wealthy, Spartan, Wolf River, Macoun, etc.*).
- 3. Plate of 5 LATE apples, one variety.  
(Varieties include: *Delicious, Northern Spy, Winesap, Jonathon*)
- 4. Plate of 5 pears.
- 5. Plate of grapes (*4 bunches*)
- 6. Plate of 5 plums.
- 7. Raspberries, 1 pint level full (*enclosed in plastic wrap*)
- 8. Blueberries, 1 pint level full (*enclosed in plastic wrap*)
- 9. Plate of Other fruit. (*5 per plate if large fruit or 15 per plate if small fruit*) (Must all be same fruit.)
- 10. Scrapbook describing what you did and learned in your Fruit Project.

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

## **CLASS J - COLLECTION OF WEEDS and PLANT DISEASES**

- Open to all members enrolled in Classes A - H above.
- 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.

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