

**2024**

# OPEN CLASS PLANT AND SOIL SCIENCE

Department 114 – Superintendent – Dean Brendel – 920-917-4327

1. Open Class Registration Deadline – **July 15**.
2. Entry Day – **Monday, August 19**, noon to 7pm, in the Exhibition building.
3. Judging Day – **Tuesday, August 20**, at 10am.
4. Release Day – **Sunday, August 25**, between 6pm and 7:30pm. Vehicle access begins at 6:30pm. **Exhibits released prior to release date and time will not receive premiums.**
5. Fee - \$.10 per entry for each exhibitor and paid at the time of registration.
6. **Exhibitor is limited to one (1) entry or exhibit per lot number.**
7. All grain varieties must be identified by the exhibitor and must be of this year's crop.
8. The superintendent has the right to disqualify any entry receiving premiums in the previous years.
9. All products must be raised in Manitowoc County.
10. Exhibits may not be changed or altered after entry day placement.
11. Commercial dealers not permitted.
12. All grain sheaves are to measure 2 ½ inches in diameter at the lower band.
13. All bundle grasses, hay and forage crops measure 4-5 inches in diameter at the lower band.
14. All grass sheaves should be limited to three (3) feet tall measure from the heads down.
15. Sheaves and bundles should be shown in the cured stage. No premium will be awarded for green (uncured) entries except corn.
16. Plates will be provided.
17. **All "any other" entries must be named on the registration form and entry tag.**
18. **All tags must be fixed to entry plates with string.** No taping entries (crops, vegetables, etc) to plates or entry will be disqualified.
19. **No talking or comments to the judge or around the judge while he/she is judging a class. Questions can only be asked between classes.**
20. **No overripe entries allowed or they will be disqualified and discarded on judging day by the judge/superintendent due to possible insect infestation. Any crops that become overripe during the course of the fair will be discarded by any superintendent or fair board member.**
21. **The judge will be there for questions after judging for as long as there are questions to be answered.**
22. Any items not picked up by the Monday following fair will be discarded.

## FIELD CROPS CLASS A: GRAINS

**Premiums for Lot Numbers 100-425 are as Follows:**

Blue Ribbon - \$2.00      Red Ribbon - \$1.75      White Ribbon - \$1.50      Pink Ribbon - \$1.25

### **Lot Numbers:**

- |   |   |
|---|---|
| 100. Dry Beans, any variety, correctly named, 1 quart | 102. Wheat, any variety, correctly named, 4 quarts  |
| 101. Oats, any variety, correctly named, 4 quarts     | 103. Barley, any variety, correctly named, 4 quarts |

## CLASS B: CORN

1. Except in sweet corn and stalk, entries should be corn produced last season.

### **Lot Numbers:**

- |   |   |
|---|---|
| 200. Field Corn, 4 quarts, shelled, correctly named | 204. Popcorn, 6 cobs (Yellow)                             |
| 201. Hybrid Corn, correctly named, 4 cobs           | 205. Popcorn, 6 cobs (Any other popcorn, correctly named) |
| 202. Indian Corn, 4 cobs                            | 206. Any other corn (correctly named)                     |
| 203. Popcorn, 6 cobs (Strawberry)                   |   |

## CLASS C: SEEDS

1. Produced last year, must be in a clear jar with a lid. Leave ½ inch head space.

### **Lot Numbers:**

- |  |  |
|--|--|
| 300. Beans, Soy, 1 quart                           | 303. Any Other Seed, correctly named, ½ pint, leave ½" |
| 301. Caraway Seed, ½ pint                          | head room in jar                                       |
| 302. Poppy Seed, ½ pint, mark edible or ornamental |  |

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## CLASS D: SHEAVES, CURED

- |   |  |
|---|--|
| 400. Alfalfa Hay, 4-5 inches at bottom (cured)  | 412. Haylage, Grass, 2 gallon plastic bag  |
| 401. Alfalfa Hay Slice, sample in 2 gallon bag mark 1 <sup>st</sup> , 2 <sup>nd</sup> , or 3 <sup>rd</sup> crop | 413. High Moisture Corn, 2 gallon bag  |
| 402. Barley Sheaves, 2 ½ inch diameter upper band   | 414. Oats, 2 ½ inch diameter, upper band   |
| 403. Brome Grass, 4-5 inches at bottom (cured)  | 415. Orchard Grass, 4-5 inches at bottom (cured), feed & seed                    |
| 404. Broom Stalks, 4-5 stalks   | 416. Pea Sheaf, 4-5 inches at bottom (cured)                                     |
| 405. Canary Grass, 4-5 inches at bottom (cured) 1 <sup>st</sup> crop  | 417. Soy Beans, 4-5 inches at bottom (for hay)                                   |
| 406. Canary Grass, 4-5 inches at bottom (cured) 2 <sup>nd</sup> crop  | 418. Sudan Sheaves, 4-5 inches at bottom   |
| 407. Clover, 4-5 inches at bottom (Alsike)  | 419. Sunflower Head, in good condition, remove Pollen Caps – no ornamental heads |
| 408. Clover, 4-5 inches at bottom (Red)   | 420. Sunflower, tallest, no roots  |
| 409. Corn Silage  | 421. Surgam Sheaves, 4-5 inches at bottom  |
| 410. Corn Stalks (4), ripe cobs, no roots, correctly named, field corn, Do Not Open Ears, put planting date     | 422. Tallest Corn Stalk  |
| 411. Haylage, Alfalfa, use of 2 gallon bag (90% alfalfa)  | 423. Timothy Hay, 4-5 inches at bottom (cured)                                   |
|   | 424. Wheat, 2 ½ inch diameter, upper band (cured)                                |
|   | 425. Any Other Sheave, correctly named, no clover                                |

## VEGETABLE GARDEN

1. Judging Day – **Tuesday, August 20**, following farm crops.

### CLASS E: VEGETABLE GARDEN EXHIBIT

1. Emphasis in this department is placed on a well-balanced garden rather than on individual exhibits.
2. Any entry in this department shall fit, without piling, into a container two (2) feet square and four (4) inches deep.
  - a. The box may be obtained one (1) week before entry day at the Exhibition Building – it must be checked out.
3. The Vegetable Garden Box exhibit shall be limited to one (1) entry per household.
4. The judge will consider quality, uniformity, appearance, arrangement of vegetables, decoration, and eye appeal.
5. Each box must contain a total of eight (8) varieties from the list below.

#### Premiums for Lot Number 500 are as Follows:

Blue Ribbon - \$5.50      Red Ribbon - \$4.50      White Ribbon - \$3.50      Pink Ribbon - \$2.50

#### Lot Numbers:

500. Vegetable Garden Exhibit

#### Required List:

3 Carrots  
3 Beets  
3 Cucumbers  
1 Head of Cabbage  
15 Green or Wax Beans

#### Choose 1 of the Following:

2 Heads of Broccoli  
1 Plant of Chard  
1 Head Cauliflower  
3 Potatoes  
3 Sweet Corn

#### Choose 2 of the Following

1 Rutabaga  
1 Squash (Summer or Winter)  
2 Turnips  
6 Brussel Sprouts  
3 Kohlrabi  
1 Bunch Celery  
3 Peppers, Red or Green but not both  
3 Ripe Tomatoes

## CLASS F: POTATOES

\*Five (5) Tubers per Exhibit

#### Premiums for Lot Numbers 600-614 are as Follows:

Blue Ribbon - \$2.00      Red Ribbon - \$1.75      White Ribbon - \$1.50      Pink Ribbon - \$1.25

#### Lot Numbers:

600. Atlantic	603. Kennebec	607. Norland	611. Russet Sebago	614. Any Other
601. Fingerlings, correctly named	604. Mega Chip	608. Pontiac	612. Superior	Potato, correctly named
602. Gold Rush	605. Norgold Russet	609. Red LaSota	613. Yukon Gold	
	606. Norkota	610. Russet Burbank		

## CLASS G: VEGETABLES

1. Any length marked in bold is required. All other noted lengths are recommended.
2. Kale, Celery, Chard, Endive, Lettuce, Rhubarb – Place bag around room for freshness.

### Premiums for Lot Numbers 700-778 are as Follows:

Blue Ribbon - \$1.75      Red Ribbon - \$1.50      White Ribbon - \$1.25      Pink Ribbon - \$1.00

### Lot Numbers:

- |  |  |
|--|--|
| 700. Beans, Bush Green (8), leave ¼ - ½" stem  | 739. Melon, Honeydew (1)   |
| 701. Beans, Bush Wax (8), leave ¼ - ½" stem  | 740. Muskmelon (1)   |
| 702. Beans, Bush Lima (8), ¼ - ½" stem   | 741. Okra (5)  |
| 703. Beans, Pole Green (8), ¼ - ½" stem  | 742. Onions, Winter Multiplier (4 bunches), trip top to 1"                             |
| 704. Beans, Purple (8), ¼ - ½" stem  | 743. Onions, Red (4), leave outer skin on  |
| 705. Any Other Fresh Bean (8), identify, ¼ - ½" stem   | 744. Onions, Spanish (4), any color or flat, leave outer skin on                       |
| 706. Beets, Red (3), Red Slicers, 1 ½" top left on 3"  | 745. Onions, White (4), leave outer skin on  |
| 707. Beets, Red (3), Picklers, 2-4", 1 ½" top left on  | 746. Onions, Yellow (4), leave outer skin on   |
| 708. Beets, Golden (3), 1 ½" top, 1" root, 1 ½" top left on                                      | 747. Parsnips (2)  |
| 709. Beets, Cylindrical (3), 1 ½" top, 1" root, 1 ½" top left on                                 | 748. Pea Pods (8), any variety, identify   |
| 710. Broccoli (1 head)   | 749. Peppers, Other Sweet Peppers (3), ½" stem   |
| 711. Brussels Sprouts (6)  | 750. Peppers, Bell (3), ½" stem  |
| 712. Cabbage, Early pointed (1), leave outer leaves on   | 751. Peppers, Hot Peppers (6), ½" stem   |
| 713. Cabbage, Late flat (1), leave outer leaves on   | 752. Pumpkin, Field (1)  |
| 714. Cabbage, Red (1), leave outer leaves on   | 753. Pumpkin, Hybrid, correctly identified   |
| 715. Carrots (3), <b>up to 4"</b> , ½" top root, 1 ½" top left on                                | 754. Pumpkin, Miniature (1), 2" stem   |
| 716. Carrots (3), <b>over 4"</b> , ½" top root, 1 ½" top left on                                 | 755. Pumpkin, Pie (1)  |
| 717. Cauliflower, any variety (1)  | 756. Radishes, Red (6), 1" root, 1 ½" tops   |
| 718. Celery Bunch (1), butt off above root, leave crown on, tie plastic bag around for freshness | 757. Radishes, White (6), 1" root, 1 ½" tops   |
| 719. Chard Stalks (1 plant)  | 758. Rhubarb, Stalks (3), leave 1-2" leaf and spurs on                                 |
| 720. Cucumbers, Burpless (3), <b>10"-12" length</b> , ¼-½" stem, any variety                     | 759. Rutabaga (1), any variety, 1" root, leave 2" stem                                 |
| 721. Cucumbers, Dill Pickles (4), ¼-½" stems, 3-4"   | 760. Spinach (2), plants with plastic bag for freshness                                |
| 722. Cucumbers, Ripe (3), ¼-½" stems   | 761. Squash, Acorn (1)   |
| 723. Cucumbers, Slicing (3), <b>6"-8" length</b> , ¼-½" stems                                    | 762. Squash, Buttercup (1)   |
| 724. Cucumbers, Sweet Pickles (6), <b>1 ½-2 ½"</b> , ¼-½" stems                                  | 763. Squash, Butternut (1)   |
| 725. Eggplant (1), 1" stem   | 764. Squash, Crook-Necked (1)  |
| 726. Endive (3), remove roots  | 765. Squash, Green Hubbard (1)   |
| 727. Garlic (3), small, leave 1 ½" root and 1 ½" top stem  | 766. Squash, Spaghetti (1), 6-9"   |
| 728. Garlic (3), large, leave 1 ½" root and 1 ½" top stem  | 767. Squash, Zucchini (1), 9-16"   |
| 729. Gourds, attractive display, current year, no painting, 12" Basket                           | 768. Squash (1), any other variety, correctly identified                               |
| 730. Gourds, dried, attractive display, previous year, stem off, no painting, 12" Basket         | 769. Sweet Corn, Yellow (3), husked  |
| 731. Basket of Gourds, undecorated, no painting, 12" Basket                                      | 770. Sweet Corn, Any Other (3), husked, correctly identified                           |
| 732. Painted/Decorated Gourds (1), can be dried or current year                                  | 771. Sweet Potatoes (3 tubers)   |
| 733. Horse Radish, 2 roots   | 772. Tomatoes, Red (3), display upside down, stem off                                  |
| 734. Kale (1)  | 773. Tomatoes, Any Other (3), display upside down, stem off, correctly identified      |
| 735. Leek (4), leave ¼" root   | 774. Tomatoes, Yellow (3), display upside down stem off                                |
| 736. Kohlrabi (3), leave 1" root, 1 ½" leaves all around   | 775. Tomatoes, Small Type, any color, attractive display in a basket, stem off         |
| 737. Kohlrabi – Large (1)  | 776. Turnips (2), 1 ½" leaves, 1" root left on   |
| 738. Lettuce, Crisp Head (1), in plastic bag   | 777. Watermelon (1), 1" stem left on   |
|  | 778. Any other vegetable not mentioned above, reasonable display, correctly identified |

## CLASS H: HERBS

1. **No more than an 8" container with saucer.**
2. Need date potted on all entries of herbs.

**Premiums for Lot Numbers 800-811 are as Follows:**

Blue Ribbon - \$1.75      Red Ribbon - \$1.50      White Ribbon - \$1.25      Pink Ribbon - \$1.00

### Lot Numbers:

- |  |  |
|--|--|
| 800. Basil, plant in suitable container, correctly identified  | 805. Mint, plant in a suitable container, identify mint  |
| 801. Chives, plant in a suitable container   | 806. Parsley, plant in a suitable container  |
| 802. Dill (3), uniform heads with 6" stem on each, tie together with plastic bag over stem ends                      | 807. Rosemary, plant in a suitable container   |
| 803. Fennel Plant (3), uniform heads with 6" stem on each, tie together with a plastic bag over the ends of the stem | 808. Sage, plant in a suitable container   |
| 804. Lemon Balm, plant in a container  | 809. Thyme, plant in a suitable container  |
|  | 810. Any Other Herb, correctly identified  |
|  | 811. Herbal Theme Garden, 3 different herbs, 18" long window box type container, individually potted, correctly identified |

## CLASS I: BEST DISPLAY OF APPLES

**Premiums for Lot Number 100 are as Follows:**

Blue Ribbon - \$5.50      Red Ribbon - \$4.50      White Ribbon - \$3.50      Pink Ribbon - \$2.50

### Lot Numbers:

100. Fruit Growers Exhibit – Five (5) varieties of apples, name the kind of apples. Judged on attractiveness. The box may be obtained one (1) week before entry day, in the Exhibition Building, and must be checked out. The Entry Box is limited to one (1) box per household.

## CLASS J: APPLES

### 1. Quantity of five (5)

**Premiums for Lot Numbers 200-218 are as Follows:**

Blue Ribbon - \$2.50      Red Ribbon - \$2.25      White Ribbon - \$2.00      Pink Ribbon - \$1.50

### Lot Numbers:

- |                       |                         |  |
|-----------------------|-------------------------|--|
| 200. Cortland         | 208. Northern Spy       | 216. Any other Summer variety of Apple, correctly identified |
| 201. Delicious        | 209. Paula Red          | 217. Any other Fall variety of Apple, correctly identified   |
| 202. Duchess          | 210. Viking             | 218. Any other Crab Apple, correctly identified              |
| 203. Fameuse or Snow  | 211. Wealthy            |  |
| 204. Golden Delicious | 212. Whitney Crab Apple |  |
| 205. Golden Russet    | 213. Winesap            |  |
| 206. Jonathon         | 214. Wolf River         |  |
| 207. McIntosh         | 215. Yellow Transparent |  |

## CLASS K: ANY OTHER FRUIT

**Premiums for Lot Numbers 300-325 are as Follows:**

Blue Ribbon - \$1.75      Red Ribbon - \$1.50      White Ribbon - \$1.25      Pink Ribbon - \$1.00

### Lot Numbers:

#### Pears (5)

300. Bartlett
301. Lincoln
302. Any other variety of Pears, correctly identified

#### Plums (10)

303. Mount Royal
304. Stanley
305. Any other variety of Plums, correctly identified

#### Grapes (3 Bunches to a Plate)

306. Concord
307. Niagara
308. Any other variety of Grapes, correctly identified

#### Peaches (5)

309. Any other variety of Peaches, correctly identified

#### Berries (a pint of berries/cherries in a box with a cellophane cover)

310. Blackberries
311. Choke Cherries
312. Currants
313. Fresh Berry, any other variety, correctly identified
314. Gooseberries
315. Ground Cherries (Husked)
316. Raspberries
317. Any other fruit, not listed in any other category, correctly identified

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## **CLASS L: NUTS**

- 318. Walnuts (Brown & Husked, 5 nuts all cracked, meat from one extracted, display in zip lock bag.
- 319. Hickory Nuts, 5 nuts, all cracked, meat from one extracted, display in zip lock bag.
- 320. Butter Nuts (Green, this year's crop), 5 nuts, all cracked, meat from one extracted, display in zip lock bag.
- 321. Butter Nuts (Brown, last year's crop & husked), 5 nuts, all cracked, meat from one extracted, display in zip loc bag.
- 322. Hazel Nuts, 5 nuts, all cracked, meat from one extracted, display in zip lock bag.
- 323. Peanuts, whole plant with peanuts.
- 324. Any other variety not mentioned above, 5 nuts, all cracked, meat from one extracted, display in zip lock bag.

## **CLASS M: UNUSUAL OR ODD VEGETABLES, FRUIT, OR CROP**

### **Lot Number:**

- 325. Most Unusual/Odd Crop, Vegetable, or Fruit (1), no overripe entries