

**DEPARTMENT 114  
OPEN PLANT & SOIL SCIENCE**



Superintendent – Kim Herman Assistant – Sylvia Miller

**RULES GOVERNING EXHIBIT**

Each exhibitor will be limited to one entry under each lot in Department 114. Each specimen must be raised by the exhibitor and be the growth of the current year except those field crops which have not matured, they are to be the previous year's crop. All containers are to be quart or gallon size (maximum) for vegetables in water or soil.

Prizes will be awarded only when full quantity is shown. A Best of Show Rosette will be given in crops and vegetables.

**Premiums:**

**1st \$2.00 2nd \$1.75 3rd \$1.50 4th \$1.25**

**CLASS A – CORN**

**Item No.**

1. Shelled, 2-3 qts. In plastic zip-lock bag.
2. Hybrid, 100 days maturity or less, 6 ears
3. Hybrid, more than 100 days maturity, 6 ears
4. Sweet corn, any variety, 6 ears
5. Popcorn, any variety, 6 ears

**CLASS B – THRESHED SEED 2-3 qts.**

**In plastic zip-lock bag.**

**Item No.**

1. Oats, (specify variety)
2. Barley, (specify variety)
3. Soybeans, (specify variety)
4. Any other

**CLASS C – GRAIN IN SHEAF**

**Item No.**

1. Wheat
2. Oats
3. Rye
4. Barley

**CLASS D – GRASSES IN SHEAF**

**Item No.**

1. Timothy
2. Sudan Grass
3. Millet
4. Any Other Grass

**CLASS E – LEGUMES IN SHEAF FOR HAY**

**Item No.**

1. Bundle Alfalfa
2. Bundle Red Clover
3. Bundle Sweet Clover
4. Bundle Alsike Clover
5. Bundle Field Peas
6. Bundle Soy Beans
7. Bundle Vetch
8. Any Other Legume

**CLASS F – MISCELLANEOUS**

**Item No.**

1. Tobacco, 1 plant potted
2. Corn silage displayed in plastic bag
3. Haylage displayed in plastic bag
4. Hay-grass mixture, 6 inch bale slice in plastic bag, 14"x16", 6" thick
5. Hay-alfalfa, 6 inch bale slice in plastic bag, 14"x16", 6" thick

BEST OF SHOW-CLASS A to F

**Premiums:**

**1st \$1.75 2nd \$1.50 3rd \$1.25 4th \$1.00**

**CLASS G – VEGETABLE-VINE PRODUCTS**

**Item No.**

1. Cucumbers, slicing, 3, 6-8" long, stem ¼-½" long
2. Cucumbers, pickling (dills), plate of 6, 3-4" long, stem ¼-½" long
3. Cucumbers, pickling (sweet/gherkins) plate of 6, 1½-2½" long, stem ¼-½" long
4. Squash, summer zucchini, one
5. Squash, summer, crookneck type, one

**CLASS H – GREEN VEGETABLES**

**Item No.**

1. Beans, bush, wax in pods, 10, ¼" stem
2. Beans, green in pods, 10, ¼" stem
3. Pole Beans, green or wax in pod, 10, ¼" stem
4. Cabbage, early pointed, one, trim all but 2-3 leaves
5. Cabbage, any variety not listed, one, trim all but 2-3 leaves
6. Cabbage, red, one, trim all but 2-3 leaves
7. Cauliflower, one, leave 4-6 crown leaves, head at least 4" diameter
8. Celery, one, plant grown in pot
9. Chard, Swiss, one plant
10. Kohlrabi, 2, leave 4-6 crown leaves, trim to ½"
11. Peas, in pod, 10, ½" stem
12. Lettuce, one head or one plant in water
13. Broccoli, one, at least 6" long, at least 4" in diameter (in water)
14. Rhubarb 8" stalks with leaf attached, 4

**CLASS I – GARDEN FRUITS**

**Item No.**

1. Eggplant, one, trim stem to 1"
2. Peppers, sweet large type, 2, ½-¾" stem
3. Tomatoes, green or red, 2, uniform in size
4. Tomatoes, yellow, 2, uniform in size
5. Tomatoes, small cherry, pear or paste, 4
6. Ground cherries, with husks, 10
7. Tomato, 1 plant, grown in pot, Pixie, Dwarf or Patio type
8. Any pepper, 1 plant grown in pot

**CLASS J – ROOTS**

**Item No.**

1. Beets, turnip shaped, 4, med to small, 1½-3" stem & root ½-1½"
2. Carrots, half long type, 4, top ½-1", top root left on
3. Carrots, long, for table use, 4, top ½-1", top root left on
4. Leek, 4
5. Onions, white, 4, trim top 1", base ½", at least 2" in diameter
6. Onions, red, 4, trim top 1", base ½", at least 2" in diameter
7. Onions, yellow, 4, trim top 1", base ½", at least 2" in diameter
8. Onions, green bunching, 4, top 7-8", roots ½"
9. Onions, multiplier sets, 1 quart
10. Radishes, 4, top ½-1", root 1"
11. Turnips, 4

**Premiums:**

**1st \$5.50 2nd \$4.50 3rd \$3.50 4th \$2.50**

**CLASS K – GARDEN DISPLAY**

**Item No.**

1. Garden display of 6 different types of vegetables. Number of specimens for each vegetable is up to exhibitor's choice to make the display effective. No potted or plants in water should be included in display.

**Premiums:**

**1st \$2.00 2nd \$1.75 3rd \$1.50 4th \$1.25**

**CLASS L – POTATOES – (plate of 6)**

**Item No.**

1. Red Potatoes, uniform
2. White Potatoes, uniform

BEST OF SHOW-CLASS G to L

**Premiums:**

1st \$1.75 2nd \$1.50 3rd \$1.25 4th \$1.00

**CLASS M – NATURES HERBS**

All herbs are to be grown in appropriate size containers, maximum size 1 gallon, except dill.

**Item No.**

1. Dill, 2 heads, 8" lengths in quart container of water
2. Basil, any 1 plant or bunch, grown in pot
3. Catnip, plant or bunch, grown in a pot
4. Chives, bunch, grown in pot
5. Garlic, 3 or more bulbs
6. Marjoram, 1 plant or bunch, grown in pot
7. Mints, any, 1 plant or bunch, grown in pot
8. Parsley, 1 plant or bunch, grown in pot
9. Sage, 1 plant or bunch, grown in pot
10. Thyme, 1 plant or bunch, grown in pot
11. Oregano, 1 plant or bunch, grown in pot
12. Any other herb (identified and labeled)

**Premiums:**

1st \$5.50 2nd \$4.50 3rd \$3.50 4th \$2.50

**CLASS N – COLLECTION – (Apples on Plates)**

**Item No.**

1. Collection 5 varieties (Autumn)
2. Collection 5 varieties (Winter)

**Premiums:**

1st \$2.50 2nd \$2.25 3rd \$2.00 4th \$1.50

**CLASS O – APPLES (4 specimens per plate)**

**Item No.**

1. N. W. Greening
2. Wealthy
3. Viking
4. Red Delicious
5. Duchess
6. Cortland
7. Jonathan
8. Yellow Transparent
9. Mc Intosh
10. Golden Delicious
11. Jersey Mac
12. Haralson
13. Beacon
14. Fireside
15. Prairie Spy
16. Lodi
17. State Fair
18. Prime Red
19. Regent
20. Honey Gold
21. Paulered
22. Other (must be identified)

**CLASS P – CRAB APPLE**

**Item No.**

1. Hyslop
2. Whitney
3. Dolgo
4. Other (must be identified)

**Premiums:**

1st \$1.75 2nd \$1.50 3rd \$1.25 4th \$1.00

**CLASS Q – PEARS (single plate of 4 specimens)**

**Item No.**

1. Flemish Beauty
2. Seckel
3. Bartlett
4. Other (must be identified)

**CLASS R – PLUMS (single plate of 4 specimens)**

**Item No.**

1. Red/Yellow
2. Blue/Black
3. Other (must be identified)

**CLASS S – GRAPES (2 bunches per plate)**

**Item No.**

1. Concord
2. Swenson / Red
3. Niagara
4. Other (must be identified)

**CLASS T – OTHER FRUIT**

**Item No.**

1. Cherry, 8 specimens (must be identified)
2. Apricot, 4 specimens (must be identified)
3. Peach, 4 specimens (must be identified)

BEST OF SHOW-CLASS M to T