

# JUNIOR FAIR PLANT AND SOIL SCIENCE

Department 14 – Superintendent – Marcia Lemberger – 920-682-3255

1. Judging Day (Individual Conference Judging) – **Monday, August 22**, as follows: 10am to 2pm and 2:30pm to 6pm.
2. Release Day – **Sunday, August 28**, between **6:30pm and 8:30pm**.
3. No changes will be allowed after registration forms are submitted.
4. Four (4) Exhibits per class per exhibitor.
5. This department is open to all youth who are enrolled in a grain or crop project or doing equivalent work.
6. All grain varieties must be identified by the exhibitor and must be of this year's crop, with the exception of wheat entries.
7. All grain will be disposed of after the fair by the superintendent.

## CLASS A: FIELD CROPS AND ACTIVITIES

Sheaves of hay must measure six (6) inches in diameter at butt end. Sheaves of grain must measure four (4) inches in diameter at butt end.

### Premiums for Lot Numbers 100-123 are as Follows:

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

### Lot Numbers:

- |   |   |
|---|---|
| 100. Centennial – 4 quarts  | 113. Barley, sheaf – any variety  |
| 101. Dal – 4 quarts   | 114. Wheat, sheaf – any variety   |
| 102. Lyon – 4 quarts  | 115. Alfalfa, sheaf – dry, this year's crop   |
| 103. Ogle – 4 quarts  | 116. Brome Grass, sheaf – dry, this year's crop   |
| 104. Porter – 4 quarts  | 117. High Moisture Corn, in a gallon Ziploc bag   |
| 105. Stout – Oats, any variety – 4 quarts, name brand               | 118. Soy Beans, sheaf – this year's crop, not dry   |
| 106. Oats, any variety – 4 quarts, name brand                       | 119. Red Clover, sheaf – dry, this year's crop  |
| 107. Barley, any variety – 4 quarts, name brand                     | 120. Sun Flower Head, in good condition   |
| 108. Spring Wheat, any variety – 4 quarts, name brand               | 121. Scrapbook with 10 common weeds, pressed, mounted, labeled, and a story on how you control weeds on your farm |
| 109. Winter Wheat, any variety – 4 quarts, name brand               | 122. Collection of 10 crop diseases, mounted with proper label  |
| 110. Corn, hybrid, 6 ears, name brand                               | 123. Haylage, in a gallon Ziploc bag  |
| 111. Corn, 3 stalks, identify variety & maturity, tied and no roots |   |
| 112. Oats, sheaf – any variety                                      |   |

## CLASS B: VEGETABLE AND HORTICULTURAL CROPS

1. Paper plates will be furnished for all vegetables. Special boxes will be furnished for potatoes and garden boxes by Expo.
2. All vegetables should be prepared according 4-H Circular A-3306, Exhibiting and Judging Vegetables.
3. Limit of four (4) exhibits per exhibitor per class.

### Premiums for Lot Numbers 122-145 are as Follows:

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

### Lot Numbers:

- |   |  |
|---|--|
| 122. Beans, 15 pods, green snap                 | 135. Onions, mature, yellow (4), not peeled                          |
| 123. Beans, 15 pods, yellow snap                | 136. Onions, mature, white (4), not peeled                           |
| 124. Beets, 4 garden, 1 inch top                | 137. Onions, red (4), not peeled                                     |
| 125. Broccoli (3)                               | 138. Peppers (3)   |
| 126. Cabbage, Red/White                         | 139. Pumpkins (3)  |
| 127. Carrots, 1 inch top (4)                    | 140. Sweet Corn, 3 ears, husked                                      |
| 128. Cauliflower                                | 141. Tomatoes, large, ripe, no stems (3) – not green                 |
| 129. Cucumbers, sweet pickling (6) – 1" to 1 ½" | 142. Tomatoes, small salad, ripe (10) – not green                    |
| 130. Cucumbers, dill pickling (6) – 3-4"        | 143. Squash, correctly identified (ex: Summer Squash, Zucchini, etc) |
| 131. Cucumbers, slicing (3) – 6-8"              | 144. Herb, correctly identified, in 6" pot, no larger                |
| 132. Kohlrabi, 1 inch tops (3)                  | 145. Watermelon (1)  |
| 133. Eggplant                                   |  |
| 134. Muskmelon                                  |  |

## CLASS C: POTATOES

### Premiums for Lot Numbers 138-149 are as Follows:

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

\*Each exhibit consists of eight (8) potatoes

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**Lot Numbers:**

- |                     |                                 |
|---------------------|---------------------------------|
| 138. LaChipper      | 144. Red LaSoda                 |
| 139. Early Gem      | 145. Russet Sebago              |
| 140. Katahdi        | 146. Russet Burbank             |
| 141. Norchip        | 147. Superior                   |
| 142. Norland        | 148. Sebago                     |
| 143. Norgold Russet | 149. Any Other Variety, labeled |

**CLASS D: GARDEN BOX DISPLAY**

1. Open to any youth enrolled in a garden project or doing equivalent work.
2. Any vegetable which is grown in your garden is eligible to be included in your display.
3. Garden Boxes will be furnished by Expo.
4. The following numbers of specimens of each vegetable should be exhibited if that vegetable constitutes part of the display:
  - a) 1 specimen – cabbage, cauliflower, eggplant, pie pumpkin, squash (winter), watermelon, broccoli, muskmelon, chard (1 plant)
  - b) 1" cluster of herb, properly identified
  - c) 2 specimens – celery, cucumbers (slicing and ripe), rutabaga, squash (summer), squash (table queen)
  - d) 3 specimens – beets, carrots, onions, parsnips, peppers (sweet), ripe tomatoes, turnips, sweet corn, kohlrabi, potatoes
  - e) 6 specimens – peppers (hot), radish, salsify, cucumber (dill), cucumbers (pickling)
  - f) 1 pint – beans (dry, navy, kidney), ground cherry (husked), peas (dry shelled)
  - g) 15 pods – snap beans, garden peas

**Grades 3-5****Premiums for Lot Numbers 150 are as Follows:**

Blue Ribbon - \$2.50      Red Ribbon - \$2.25      White Ribbon - \$2.00      Pink Ribbon - \$1.75

**Lot Numbers:**

150. This exhibit shall consist of four (4) vegetable listed above from your garden

**Grades 6-8****Premiums for Lot Number 151 is as Follows:**

Blue Ribbon - \$3.00      Red Ribbon - \$2.50      White Ribbon - \$2.00      Pink Ribbon - \$1.00

**Lot Numbers:**

151. This exhibit shall consist of five (5) vegetable listed above from your garden

**Grades 9-13****Premiums for Lot Number 152 is as Follows:**

Blue Ribbon - \$3.50      Red Ribbon - \$3.00      White Ribbon - \$2.50      Pink Ribbon - \$2.00

**Lot Numbers:**

152. This exhibit shall consist of six (6) vegetable listed above from your garden

**CLASS E: FRUIT****Premiums for Lot Numbers 153-162 are as Follows:**

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

**Lot Numbers:**

153. Best plat of early summer apples (5 specimen, correctly named)
154. Best plate of summer apples (5 specimens, correctly named)
155. Best plate of fall apples (5 specimens, correctly named)
156. Best plate of winter apples (5 specimens, correctly named)
157. Best plate of crab apples (10 specimens, correctly named)
158. Best plate of pears (5 specimens, correctly named)
159. Best plate of plums (10 specimens, correctly named)
160. Best plate of grapes (3 bunches, correctly named)
161. Best plate of raspberries (in pint box with cellophane cover, correctly named)
162. Best plate of strawberries (in pint box with cellophane cover, correctly named)