

PLANT SCIENCE – Open Division

Dept. G -- Open

Superintendent: Carla Smith

Premiums in each category: 1st - \$3.00 2nd - \$2.00 3rd - \$1.00



Agronomy

All exhibits must be grown by the exhibitor making the entry. Exhibits must have been grown in the 2022-2023 cropping year.

Corn Exhibit

G1. Yellow, 10 Ears

G2. Popcorn, 10 Ears

Grain Sorghums Exhibit

G3. Grain sorghum, 10 heads

G4. Threshed Grain sorghum exhibit (one-gallon glass or plastic jar)

Cotton Exhibit

G5. Any Variety – 20 open bolls (Exhibit to be shown with petiole attached, bract leaves removed and burr side up)

Small Grains and Seeds

All grain must be exhibited in a clean, clear glass or plastic, one-gallon wide mouthed jar. All exhibits must be labeled as to specific variety or name of hybrid.

G6. Hard Wheat

G7. Oats

G8. Barley

G9. Rye

G10. Millet

G11. Alfalfa

G12. Clover

G13. Sudan Grass

G14. Field Peas

G15. Soy Beans

G16. Mung Beans

G17. Spanish Peanut

G18. Other Variety Peanut

G19. Korean Lespedeza

G20. Rye Grass Seed

G21. Love Grass Seed

G22. Native Grass Seed

G23. Any Other Crop

Hay

Exhibits consist of one block or flake and should be in a shallow box. Judging will be based on leafiness, fineness of stems, color, odor, and amount of foreign material.

G24. Alfalfa

G25. Legume Hay

G26. Grass and Legume Mix

G27. Sudan or Haygrazer

G28. Bermuda

G29. Native

G30. All Other Hay

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Forage Bundle

Bundles must be 3-5 inches in diameter at center band except peanuts. Must be cured (dry) before forming bundle. Judge will evaluate bundles on best stage of maturity for identification and appearance.

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|------------------------|----------------------------|
| G31. Improved Bluestem | G39. Tall Fescue |
| G32. Little Bluestem | G40. Bermudagrass |
| G33. Big Bluestem | G41. Sudan & Haygrazer |
| G34. Indian Grass | G42. Fine Stem Legumes |
| G35. Switch Grass | G43. Coarse Stem Legumes |
| G36. Buffalo Grass | G44. Other Grasses |
| G37. Grama Grass | G45. Peanuts, one (1) Vine |
| G38. Love Grass | |



Horticulture

Fruit, Vegetables, & Nuts

- | | |
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| G46. Apple, Golden Delicious, 5 | G73. Pepper, other hot, 5 |
| G47. Apple, Jonathon, 5 | G74. Pepper, other sweet, 5 |
| G48. Apple, Red Delicious, 5 | G75. Pumpkin, field (oblong), 1 |
| G49. Apple, Roma Beauty, 5 | G76. Pumpkin, giant (largest by weight), 1 |
| G50. Apple, Winesap, 5 | G77. Pumpkin, jack-o-lantern, round & flat, 1 |
| G51. Apple, all other variety, 5 | G78. Potato, Red, 5 |
| G52. Bean, green, 10 | G79. Potato, Russett or White, 5 |
| G53. Bean, lima in pods, 10 | G80. Southern Peas, in pods, 10 |
| G54. Bean, pinto in pods, 10 | G81. Squash, Butternut, 1 |
| G55. Beet, any variety, 5 | G82. Squash, Cushaw, 1 |
| G56. Cantaloupe or Muskmelon, 1 | G83. Squash, Hubbard, 1 |
| G57. Carrot, any variety, 5 | G84. Squash, Patty pan, 1 |
| G58. Cucumber, 2 | G85. Squash, Yellow crookneck, 2 |
| G59. Eggplant, 2 | G86. Squash, Yellow straightneck, 2 |
| G60. Gourd, any variety, 1 | G87. Squash, zucchini, 2 |
| G61. Honey Dew, 1 | G88. Squash, any other variety, 1 |
| G62. Leafy Greens, any variety
bunch (must be 2-4 inches
in diameter at tie) | G89. Sweet Potato, any variety, 5 |
| G63. Okra, 5 | G90. Tomatoes, large, 5 |
| G64. Onion, red, 5 | G91. Tomatoes, paste type, 5 |
| G65. Onion, white, 5 | G92. Tomatoes, cherry or grape
(1½ inches or less diameter), 5 |
| G66. Onion, yellow, 5 | G93. Turnip, any variety, 5 |
| G67. Peaches, Cling, 5 | G94. Watermelon, Giant
(largest by weight), 1 |
| G68. Peaches, Free Stone, 5 | G95. Watermelon, Icebox, 1 |
| G69. Pears, any variety, 5 | G96. Watermelon, Oblong, 1 |
| G70. Pepper, banana, 5 | G97. Watermelon, Round, 1 |
| G71. Pepper, jalapeno, 5 | G98. Fruit, any other, 5 |
| G72. Pepper, sweet bell, 5 | G99. Vegetable, any other, 5 |

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Nuts

- 2022-2023 Growing Season
- 18 Nuts – Exhibited in plastic Ziploc bag
- G100. Pecan, Improved Variety
- G101. Pecan, Native
- G102. Walnuts, any variety

Best of Show Award to the Outstanding Flower or Plant from the Cut Flower or Potted Plant Division: Sponsored by Pottawatomie County Free Fair Board

CUT FLOWERS

- All entries must be entered by 6:00pm on Wednesday.
- Exhibits must be in place no later than 9:00am on Thursday.
- All flowers must have been grown by the exhibitor.
- The superintendent shall have the right to remove at any time the exhibit or any part thereof which is unsightly.
- Flowers will be scored on (1) condition, (2) quality, (3) substance & texture (4) color intensity, (5) uniformity
- All exhibitors shall furnish clean pint or quart jars for exhibits unless otherwise specified. Roses are to be exhibited in plain bud vases
- Exhibitor may only enter one entry per class
- All exhibits must remain in place until the close of the fair.
- Premiums in each category: 1st-\$3.00 2nd-\$2.00 3rd-\$1.00

- G103. Ageratum, 5 stems
 - G104. Asters, 5 stems
 - G105. Celosia, 1 plume
 - G106. Chrysanthemums, small, 5 stems
 - G107. Cockscomb, 1 stem - may have single or multiple buds and/or flowers
 - G108. Cosmos, 5 stems
 - G109. Dahlia, large, 1 stem - may have single or multiple buds and/or flowers
 - G110. Dahlia, pompom, 5 stems
 - G111. Fox Gloves, 1 stems
 - G112. Gaillardia, 5 stems
 - G113. Hardy Phlox, 1 stem
 - G114. Impatiens, 5 stems
 - G115. Lantana, 5 stems
 - G116. Marigolds, large, 1 stem
 - G117. Marigolds, small, 5 stems
 - G118. Periwinkle, 5 stems
 - G119. Petunias, 5 stems
 - G120. Shrub Flowering, 1 stem 18”
- (Continued on next page)

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- G121. Spider lilies, 5 stems
- G122. Verbena, 5 stems
- G123. Vine Flowering, 1 stem, 18"
- G124. Zinnias, large, 1 stem
- G125. Zinnias, small, 5 stems
- G126. Other flowering annual, 1 stem
- G127. Other flowering perennial, 1 stem

Hybrid Tea or Grandiflora Roses – Single Bloom

- G128. Orange
- G129. Pink
- G130. Red
- G131. White
- G132. Yellow
- G133. Any other color

Floribunda Roses – One Stem- may have single or multiple buds and/or flowers

- G134. Orange
- G135. Pink
- G136. Red
- G137. White
- G138. Yellow
- G139. Any other color

Miniature Roses – One Stem- may have single or multiple buds and/or flowers

- G140. Orange
- G141. Pink
- G142. Red
- G143. White
- G144. Yellow
- G145. Any other color

Arrangements

- G146. Artificial
- G147. Fresh Cut
- G148. Preserved or Natural

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POTTED PLANTS & FLOWERS

- Exhibitors are limited to one entry per class.
- Plants must be groomed for exhibition, insect & wax free.
- Plants cannot exceed 4 feet in height including pots
- One container per entry not to exceed 15 inches in diameter, with saucers if there is a drainage hole in the container. NO WATERING without saucer
- All plants must have been in the possession of the exhibitor for at least 60 days prior to the Pottawatomie County Free Fair
- Judging will be based on color, condition, container, foliage and/or flower, correct name, culture, perfection, quality, maturity, & shape.
- Premiums in each category: 1st - \$3.00 2nd - \$2.00 3rd - \$1.00

G149. African Violet

G150. Begonia

G151. Chrysanthemum

G152. Croton

G153. Dracaena

G154. Dumbcane

G155. Geranium

G156. Herb

G157. Ivy

G158. Miniature Rose

G159. Ornamental Peppers (with peppers)

G160. Petunia

G161. Rubber Plant

G162. Schefflera

G163. Weeping Fig

G164. Several Varieties Combined – Dish Garden (3 or more)

G165. Any other potted plant

Cacti

G166. Under 6" tall

G167. Over 6" tall

G168. Cactus Garden, 3 or more varieties, one container

Succulents

G169. Under 10" tall

G170. Over 10" tall

G171. Succulent Garden, 3 or more, one container

Hanging Baskets

G172. Airplane (Spider) Plant

G173. Asparagus Fern

G174. Boston Fern

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- G175. Jews (one variety)
- G176. Philodendrons (one variety)
- G177. Swedish Ivy
- G178. Hanging Garden, 3 or more, one basket
- G179. Any Other Hanging Basket

Honey

- Honey should be placed in colorless, one-pint honey jars or standard, colorless one-pint fruit jars such as those made by Kerr, Ball, Mason, etc. Other types of jars will be rejected.
 - Jar covers should be new if possible and should be screwed on tightly to prevent leakage. There should be 1/4"- 1/2" air space below the lid.
 - Honey should be clear and free from foreign particles.
 - Chunk (Comb) honey should be perfectly capped, free from stains, bee-bread & finger prints. Edges should be clean-cut, not ragged.
 - One (1) piece only in each jar as wide as jar mouth will permit and long enough to extend from the bottom to the top without jamming
 - Labels should be neat and plainly written or printed
- G180. Pint or Quart Comb Light Honey
 - G181. Pint or Quart, Extracted Light Honey
 - G182. Pint or Quart, Comb Dark Honey
 - G183. Pint or Quart, Extracted Dark Honey

Decorated Pumpkin, Gourd, or Watermelon Contest

- Champion & Reserve Champion Rosettes awarded to overall best exhibits.
 - NO CARVINGS, natural fruit only, no plastic fruit
 - Premiums: 1st - \$10.00 2nd - \$8.00 3rd - \$6.00
- G184. Pee Wee Division: 3rd grade & under
 - G185. Junior Division: 4th -7th grade
 - G186. Senior Division: 8th – 12th grade
 - G187. Adults

SCARECROW CONTEST

- This exhibit is open to any Pottawatomie County non-profit organization: 4-H Club, FFA Chapter, Scouts, Civic Group, Church Group, etc.
 - Exhibits may not exceed 6 feet tall, 48 inches wide, & 48 inches deep.
 - Exhibitors must provide own stand or prop.
 - Exhibits may sit or stand.
 - Exhibit must be complete at time of entry.
 - Sponsored by: Pottawatomie County Fair Board
 - Premium: 1st - \$40.00 2nd - \$30.00 3rd - \$15.00
- G188. Scarecrow