

PLANT SCIENCE – Open Division

Dept. G-Open Superintendent: Carla Smith



Agronomy

All exhibits must be grown by the exhibitor making the entry. Exhibits must have been grown in the 2018 - 2019 cropping year.

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

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 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, glass, one-gallon wide mouthed jar.

All exhibits must be labeled as to specific variety or name of hybrid.

G6. Hard Wheat

G15. Soy Beans

G7. Oats

G16. Mung Beans

G8. Barley

G17. Spanish Peanut

G9. Rye

G18. Other Variety Peanut

G10. Millet

G19. Korean Lespedeza

G11. Alfalfa

G20. Rye Grass Seed

G12. Clover

G21. Love Grass Seed

G13. Sudan Grass

G22. Native Grass Seed

G14. Field Peas

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

G28. Bermuda

G25. Legume Hay

G29. Native

G26. Grass and Legume Mix

G30. All Other Hay

G27. Sudan or Haygrazer

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.

G31. Improved Bluestem

G36. Buffalo Grass

G32. Little Bluestem

G37. Grama Grass

G33. Big Bluestem

G38. Love Grass

G34. Indian Grass

G39. Tall Fescue

G35. Switch Grass

G40. Bermudagrass

G41. Sudan & Haygrazer
G42. Fine Stem Legumes
G43. Coarse Stem Legumes

G44. Other Grasses
G45. Peanuts, one (1)
Vine



PLANT SCIENCE – Open Division

Horticulture

Fruit, Vegetables, & Nuts

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

Nuts

- 2018-19 Growing Season
- 18 Nuts – Exhibited in plastic Ziploc bag

- G100. Pecan, Improved Variety
G101. Pecan, Native
G102. Walnuts, any variety



PLANT SCIENCE – Open Division

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 made 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"

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

PLANT SCIENCE – Open Division

CUT FLOWERS – Cont. Roses

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



PLANT SCIENCE – Open Division

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

G175. Jews (one variety)

G176. Philodendrons (one variety)

G177. Swedish Ivy

G178. Hanging Garden, 3 or more, one

basket G179. Any Other Hanging Basket

PLANT SCIENCE – Open Division

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 will be 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