

# **PLANT SCIENCE**

## **4-H & FFA**



Dept. P – Superintendent: George Driever  
Premiums in each category: 1<sup>st</sup> - \$3.00 2<sup>nd</sup>- \$2.00 3<sup>rd</sup> – \$1.00

### **Agronomy Division**

All crop exhibits must be grown by the exhibitor as a part of a 4-H or FFA project during the year exhibited.

#### Cotton Exhibit – 4-H & FFA

P1. Any Variety – 20 open bolls ear

#### Corn Exhibit – 4-H & FFA

P2. White – 10 ears

P3. Yellow – 10 ears

#### Grain Sorghum Exhibit – 4-H & FFA – 10 heads

P4. Exhibit to be trimmed with 2 1/2 inches of peduncle left on head.

Colored Sorghum

#### Threshed Grain Sorghum Exhibit – 4-H & FFA – 15 pounds of Grain

P5. Colored Grain Sorghum

#### Small Grain Exhibit – 4-H & FFA

All exhibits of wheat must be labeled as to variety. Small grain exhibit shall be 1 gallon.

All grain must be exhibited in a clean, glass, wide-mouthed, 1 gallon jar.

P6. Hybrid Wheat (must be labeled with name of hybrid)

P7. Early Maturity Variety Wheat (Chisholm, Cimmaron, Karl, Mesa, Mustang, Pioneer, 2180, TAM 107, Vona, Wings Wrangler)

P8. Early Maturity Wheat (Karl 92, Custer, Jagger, Tonkawa, 2180, TAM107, 2163, Coronado, Onaga, T-67, Triumph 64)

P9. Medium Variety Wheat (Abilene, Century 78, Century, Cody, Osage, TAM w-101, Thunderbird, Victory)

P10. Medium-Late Variety Wheat (Brawny, Frontiersman, Plainsman)

P11. Oats, any variety

#### Legume Seed Exhibit – 4-H & FFA

1 gallon

P12. Alfalfa

P13. Cowpeas

P14. Mungbeans

P15. Peanuts, Spanish Varieties P16. Peanuts, any other variety

P17. Soybeans

Winning entry that goes to state must submit 15 pounds.

#### Forage Bundles – 4-H & FFA

Bundles must be 3 to 5 inches in diameter at center band. **MUST BE CURED** (dry) before forming bundle.

Will be judged on the best stage of maturity for each kind and appearance of bundle. Undersized and oversized bundles, damp or moldy bundles will be disqualified.

- |                          |                        |
|--------------------------|------------------------|
| P18. Improved Bluestems  | P19. Little Bluestems  |
| P20. Big Bluestems       | P21. Indian Grass      |
| P22. Switch Grass        | P23. Grama Grasses     |
| P24. Love Grass          | P25. Tall Fescue       |
| P26. Bermuda Grass       | P27. Sudan & Haygrazer |
| P28. Other Grasses       | P29. Fine Stem Legumes |
| P30. Course Stem Legumes |                        |

Tame Pasture and Range Plant Display –4-H & FFA

- P31. Tame Grasses & Legumes
- P32. Native & Range Plants
- P33. Grasses – Forbs or Legumes

An exhibit consists of ten (10) native or introduced, annual, biennial or perennial plants mounted on a plywood pegboard or other suitable material, approximately 3' x 3'. Two holes ½ inch in diameter and 1 inch from the top should be drilled in the board to facilitate displaying. Single plants or bundles not to exceed 1 inch in diameter may be used. No plant should extend above or below the display board. Plants must be exhibited in the bloom or mature stage of growth and include a portion of the root system if you are in 4-H. The root system should not be included if you are in FFA. This is because of State Fair guidelines. Exhibits will compete against one another at the county level. Plants must be neatly labeled with the correct common name, with letters about ½ inch high. Labels may be placed above, below or across the plants.

FFA & 4-H members may have one exhibit per class, no limit to county exhibits per class. Suggested references are the current Pasture and Range Judging in Oklahoma brochure available at the County Extension Office.

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### **Horticulture Division**

- P34. Potatoes, white, or russet, 6 specimens
- P35. Potatoes, red, 6 specimens
- P36. Onions, yellow, 6 specimens
- P37. Onions, white, 6 specimens
- P38. Onions, red, 6 specimens
- P39. Pumpkin, field, 1
- P40. Pumpkin, pie, 1
- P41. Pumpkin, miniature, 1
- P42. Squash, winter, Acorn, 1
- P43. Squash, winter, Butternut, 1
- P44. Squash, winter, Cushaw, 1
- P45. Squash, winter, Hubbard, 1
- P46. Squash, winter, Spaghetti, 1
- P47. Squash, summer, Zucchini, 2
- P48. Squash, summer, Yellow straight neck, 2
- P49. Squash, summer, Yellow crook neck, 2
- P50. Squash, summer, Patty Pan, scallop type, 2
- P51. Sweet Potatoes, Gold Type, Red Gold, 6
- P52. Sweet Potatoes, Gold Type, Yellow, 6
- P53. Pepper, Jalapeno small or large, 6
- P54. Pepper, other hot pepper, 6
- P55. Pepper, sweet bell, 6
- P56. Pepper, sweet banana, 6
- P57. Tomatoes, 6 large
- P58. Tomatoes, 6 cherry
- P59. Watermelon, oblong type, 1
- P60. Watermelon, round type, 1
- P61. Watermelon, small icebox, 1
- P62. Okra, 6 pods

### **Fruit & Nut Exhibit 4-H & FFA**

- P63. Red Apples, on plate, 6
- P64. Yellow Apples, on plate, 6
- P65. Pears, on plate, 6
- P66. Pecans, Improved, 18 (exhibit in ziplock bag)
- P67. Pecans, Native, 18 (exhibit in ziplock bag)

# **PLANT SCIENCE**

## **4-H & FFA**



### **Horticulture Division**

Home Garden Food Basket – 4-H & FFA

This exhibit is a quality selection of 5 to 9 different kinds and/or varieties of mature fruits and/or vegetables. Amounts of fruits and vegetables in this exhibit should be such that they can be arranged in a neat and orderly manner and have good eye appeal. There must be enough of each fruit or vegetable for the judge to determine quality.

All fruits and vegetables exhibited must be grown by the exhibitor.

No specimens in this exhibit may be entered in another class. Any combination of fruits and vegetables may be used. Those not listed in catalog may be included.

The exhibit must be in a container such as a basket or box. It may be covered with a clear, plastic cover, but judges must be able to handle produce to determine quality.

One-third of the judging will be on how well the exhibit is prepared and presented.

Packing such as paper, straw, or cloth may be used but the fruits and vegetables should be the main attraction of the exhibit.

P68. Jr. Division (1<sup>st</sup>, 2<sup>nd</sup>, & 3<sup>rd</sup> Years, Ages 9-13)

P69. Sr. Division (4<sup>th</sup>, year & over, Ages 13 and over)

For all Junior Division exhibits, the age of contestant shall be determined as of January 1, 2016, except for 9 year old youth who may have been 8 years of age on Jan. 1-in this case, youth must be 9 by the first day of the fair.

### **FAIR BOARD HIGH POINT AWARD**

#### **4-H & FFA DEPARTMENT – JR CROPS, JR HORTICULTURE, JR POULTRY/RABBITS**

Each department will be figured on the following point system.

1 <sup>st</sup> Place	6 pts
2 <sup>nd</sup> Place	5 pts
3 <sup>rd</sup> Place	4 pts
4 <sup>th</sup> Place	3 pts
5 <sup>th</sup> Place	2 pts
6 <sup>th</sup> Place	1 pt

Each exhibitor may win only one Hi-Point belt buckle per fair.