

Department 20: 4-H Plant Sciences

Regina Pilewski, Chair 814-476-1059

Mary Harvy, Co Chair

Rules:

1. See exhibitor rules in the front of the Fair book.
2. Baked goods will be sold at auction on Saturday at 5:30 PM. Exhibit your items in a container that you do not need returned. Proceeds from the auction are used to make improvements to the exhibit buildings.
3. Posters and Display Exhibits: All posters must be 14" x 22" in size. All other sizes will be disqualified. Each entry that is a display type must be similar in size, unless otherwise stated in the project book. All others will be displayed only if space is available. Posters and displays will be judged based on visual impact, creativity, neatness, accuracy, and appropriateness of information.

Premiums \$5, 4, 3

Dept 20 Section 1 - Plant Science Project

Division 1 - Meet the Plants

Classes:

1. Plant Propagated with a 3" x 5" card describing the steps used.
2. Poster showing something learned by completing this project.
3. Other Meet the Plants exhibit.

Division 2 - Indoor Gardening

Classes:

1. Display an African violet
2. Display a Begonia
3. Display a Hanging Basket
4. Display of another Indoor House Plant
5. Completed experiment from the project book with a 3"x5" or larger card describing the process and results.
6. Poster showing something learned by completing the project.
7. One terrarium
8. Other indoor gardening exhibit

Division 3 - Landscape Gardening

Classes:

1. Display 1 bloom of any variety of an annual specimen flower
2. Display 3 blooms of one variety of an annual specimen flower
3. Display 6 blooms of one variety of an annual specimen flower
4. Display 1 stem of a perennial specimen flower
5. Display 3 stems of one variety of a perennial specimen flower
6. Flower arrangement in a bowl
7. Flower arrangement in a vase
8. Flower arrangement in a basket
9. Miniature flower arrangement, no larger than 6" in any dimension
10. A landscape plot plan for the site you landscaped with before and after pictures
11. Poster showing something learned by completing this project
12. Other landscape gardening exhibit

Division 4 - Vegetable Gardening and Gardening Levels A, B, C, & D

Classes:

- | | | | |
|-----------------------------------|----------------------------|----------------------------------|---------------------------------|
| 1. Beans - broad, 6 | 2. Beans - green, 6 | 3. Beans - yellow, 6 | 4. Beets - 5, topped to 1"-2" |
| 5. Broccoli - 1 head | 6. Brussel Sprouts - 5 | 7. Cabbage - 1 head | 8. Carrots - 5, topped to 1"-2" |
| 9. Cauliflower - 1 head | 10. Corn - 5, husks on | 11. Cucumbers - 5 | 12. Herb - 1 variety, in water |
| 13. Kohlrabi - 5, topped to 1"-2" | 14. Lettuce plant - potted | 15. Melon - 1 | 16. Onions - green, 5 |
| 17. Onions - white, 5 | 18. Onions - yellow, 5 | 19. Peas - edible pod, 5 | 20. Peppers - hot, 3 |
| 21. Peppers - sweet, 3 | 22. Potatoes - 5 | 23. Pumpkin - 1 | 24. Radishes - 5, topped to 1" |
| 25. Squash - summer, 1 | 26. Squash - winter, 1 | 27. Swiss Chard - 1 potted plant | 28. Tomatoes - large, 5 |

- 29. Tomatoes - small, 5
- 30. Collection in Decorative Basket - 3 - 5 exhibits varieties listed in this section
- 31. Completed Experiment from Project w/ 3"x5" or larger card with process & results
- 32. Garden & Calendar Plan show the vegetables grown & pictures shown in your garden
- 33. Poster of Topic related to your garden project - ex. diseases, pests, weeds or picture story
- 34. Other Vegetable Exhibit

Division 5 - Strawberries for Food and Profit

Classes:

- 1. Strawberry (1 plant in soil)

Division 6 - Science of the Growing Plant and Plant Fun

Classes:

- 1. Poster showing something learned about completing this project.
- 2. Project related exhibit

Division 7 - Junior Master Gardener

Classes:

- 1. Poster showing something learned about completing this project.
- 2. Project related

Division 8 - Herb Gardening

Classes:

- 1. Poster showing something learned about completing this project.
- 2. Project related exhibit

Best of Show Awards

- Champion Flowers sponsored by Cambridge Springs Garden Club.....Rosette & Trophy*
- Reserve Champion Flowers sponsored by Cambridge Springs Garden Club.....Rosette & Trophy*
- Champion Vegetable sponsored by Penn State Master Gardeners.....Rosette & Trophy*
- Reserve Champion Vegetable sponsored by Penn State Master Gardeners.....Rosette & Trophy*