

Horticulture



District & State 4-H O-Rama
Junior & Senior 4-H'ers



OBJECTIVES

Targeted Life Skills: Marketable Skills, Decision Making, Self-Motivation

To provide junior and senior 4-H members with knowledge and training in the science, art, communication and economic aspects of the horticulture industry. 4-H members participating in this activity will develop some knowledge of, and an appreciation for, plants used to beautify and enhance the home and home surroundings as well as knowledge of fruits, vegetables and nuts. Students will acquaint themselves with career opportunities in the fields of nursery management, greenhouse production, landscape maintenance, sports turf management, public garden management, viticulture, and the production of fruits and vegetables.

The opportunity will be provided for faculty to share information with contestants about related college degree programs in Horticulture, Horticulture Business Management, Turf and Landscape Management. Career options will also be explored such as: Plant breeders designing fruits/vegetables to prevent cancer, sports field consultants for college and professional sports, garden writers for major newspapers and magazines, garden and arboretum directors, retail plant buyers, golf course superintendents, designers of environmentally sensitive landscapes, nursery/garden center owners, county Extension horticulture agents and corporate research specialists.

ELIGIBILITY

District 4-H O-Rama: There will be a junior and senior division. Each county may enter two junior members and two senior members.

Arkansas 4-H O-Rama: Only senior members that place in the top seven at District O-Rama may participate in this event.

ACTIVITY

Identification contest will be held in both District and Arkansas State 4-H O-Rama's which includes: landscape ornamentals, flowers, indoor plants, vegetables, fruits, nuts, and berries. At District competition, all 4-H members will identify 40 samples and at the State O-Rama up to 100 samples will be provided for identification from four different categories: (fruits, nuts, & berries), (vegetables), (flowers & indoor plants), and (landscape ornamentals).

Each contestant will be provided a "4-H Horticulture Contest Identification Answer Sheet" which contains the listing of all plants to be identified (multiple choice). In case of a tie, additional samples will be provided until a clear winner is determined.

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JUDGING

A value of 1 point will be given for each correct answer. The contestant in both junior and senior divisions making the highest score will be the winner.

AWARDS

District 4-H O-Rama: One trophy will be awarded to the high scoring junior and one trophy to the high scoring senior. 2nd, 3rd, 4th, and 5th place winners in each division will receive ribbons.

Arkansas 4-H O-Rama: The winner of the competition will receive a trophy; second-fifth place winners will receive ribbons.

REFERENCES

Images of all items can be reviewed on the following websites provided by the National Junior Horticulture Association

Flowers and Indoor Plants https://4h.uada.edu/youth/opportunities/docs/njha_flowers_and_indoor_plants_chart.pdf

Fruits, Nuts, and Berries https://4h.uada.edu/youth/opportunities/docs/fruit_nuts_and_berries_chart.pdf

Vegetables https://4h.uada.edu/youth/opportunities/docs/vegetables_study_chart.pdf

Landscape Ornamentals https://4h.uada.edu/youth/opportunities/docs/landscape_ornamentals_chart.pdf

Participants are encouraged to visit greenhouses, nurseries, gardens, and the grocery store produce section where the items on the following lists can be seen in live form. Pairing up with a Master Gardener may be a good way to facilitate learning the plants on the list.

PREPARED BY

Randy Forst, Extension Educator / Consumer Horticulture

4-H Horticulture Contest Identification Answer Sheet

Name _____

County _____

Contestant No. _____

A – Flowers & Indoor Plants		B- Landscape Ornamentals	
A1 African Violet	1. _____	B1 Arborvitae	1. _____
A2 Ageratum	2. _____	B2 Ash	2. _____
A3 Amaryllis	3. _____	B3 Azalea/Rhododendron	3. _____
A4 Bachelor Button	4. _____	B4 Basswood/Linden (Tilia sp.)	4. _____
A5 Begonia	5. _____	B5 Beech	5. _____
A6 Canna	6. _____	B6 Birch	6. _____
A7 Celosia	7. _____	B7 Boxwood	7. _____
A8 Chrysanthemum	8. _____	B8 Camellia	8. _____
A9 Coleus	9. _____	B9 Cedar (Cedrus sp.)	9. _____
A10 Columbine	10. _____	B10 Cottonwood/Poplar	10. _____
A11 Coral Bells (<i>Heuchera</i> sp.)	11. _____	B11 Crapemyrtle (Lagerstroemia sp.)	11. _____
A12 Cosmos	12. _____	B12 Dogwood	12. _____
A13 Cranesbill (<i>Geranium</i> sp.)	13. _____	B13 Elm	13. _____
A14 Crocus	14. _____	B14 English Ivy	14. _____
A15 Daffodil	15. _____	B15 Euonymus	15. _____
A16 Dahlia	16. _____	B16 Fir	16. _____
A17 Daylily	17. _____	B17 Forsythia	17. _____
A18 Dianthus sp.	18. _____	B18 Ginkgo	18. _____
A19 Dracaena	19. _____	B19 Hawthorn	19. _____
A20 Dumbcane/Diffenbachia	20. _____	B20 Hemlock	20. _____
A21 Ficus sp.	21. _____	B21 Hibiscus sp.	21. _____
A22 Geranium (<i>Pelargonium</i> sp.)	22. _____	B22 Holly	22. _____
A23 Gladiolus	23. _____	B23 Honey Locust	23. _____
A24 Hollyhock	24. _____	B24 Hydrangea	24. _____
A25 Hosta	25. _____	B25 Juniper	25. _____
A26 Hyacinth		B26 Lilac	
A27 Impatiens (<i>I. walleriana</i> , <i>I. hawkeri</i>)		B27 Magnolia	
A28 Iris		B28 Maple	
A29 Lily (Easter, Asiatic, Oriental)		B29 Nandina	
A30 Marigold		B30 Oak	
A31 Nasturtium		B31 Periwinkle (Vinca sp.)	
A32 Pansy		B32 Photinia	
A33 Peony		B33 Pine	
A34 Peperomia		B34 Pittosporum	
A35 Petunia		B35 Planetree (Platanus sp.)	
A36 Philodendron		B36 Potentilla	
A37 Purple Coneflower (<i>Echinacea</i> sp.)		B37 Redbud (Cercis sp.)	
A38 Rose		B38 Spirea	
A39 Salvia		B39 Spruce	
A40 Schefflera		B40 Sweetgum	
A41 Sedum sp.		B41 Viburnum	
A42 Snakeplant/Sansevieria		B42 Willow	
A43 Snapdragon		B43 Wisteria	
A44 Tulip		B44 Yew (Taxus sp.)	
A45 Zinnia		B45 Yucca (Yucca sp.)	
Number of Flowers and Indoor Plants Correct		Number of Landscape Ornamentals Correct	

4-H Horticulture Contest Identification Answer Sheet

Name _____

County _____

Contestant No. _____

C – Fruits, Nuts and Berries		D - Vegetables	
C1 Almond	1. _____	D1 Artichoke (Globe/Jerusalem)	1. _____
C2 Apple	2. _____	D2 Asparagus	2. _____
C3 Apricot	3. _____	D3 Basil	3. _____
C4 Avocado	4. _____	D4 Bean	4. _____
C5 Banana	5. _____	D5 Beet	5. _____
C6 Blackberry	6. _____	D6 Broccoli	6. _____
C7 Black Walnut	7. _____	D7 Brussels Sprouts	7. _____
C8 Blueberry (Vaccinium sp.)	8. _____	D8 Cabbage	8. _____
C9 Brazil Nut	9. _____	D9 Carrot	9. _____
C10 Butternut	10. _____	D10 Cauliflower	10. _____
C11 Cherry	11. _____	D11 Celery	11. _____
C12 Chestnut	12. _____	D12 Chives	12. _____
C13 Coconut	13. _____	D13 Corn	13. _____
C14 Coffee	14. _____	D14 Cucumber	14. _____
C15 Cranberry	15. _____	D15 Dill	15. _____
C16 Currant	16. _____	D16 Edamame (Edible Soybean)	16. _____
C17 Date	17. _____	D17 Eggplant	17. _____
C18 Elderberry	18. _____	D18 Garlic	18. _____
C19 English Walnut	19. _____	D19 Horseradish	19. _____
C20 Fig	20. _____	D20 Kale	20. _____
C21 Filbert	21. _____	D21 Kohlrabi	21. _____
C22 Gooseberry	22. _____	D22 Leek	22. _____
C23 Grape	23. _____	D23 Lettuce	23. _____
C24 Grapefruit	24. _____	D24 Muskmelon	24. _____
C25 Guava	25. _____	D25 Mustard	25. _____
C26 Kiwi		D26 Okra	
C27 Kumquat		D27 Onion	
C28 Lemon		D28 Parsley	
C29 Macadamia Nut		D29 Parsnip	
C30 Mango		D30 Peas	
C31 Mulberry		D31 Pepper	
C32 Nectarine/Peach		D32 Potato (Irish)	
C33 Olive		D33 Potato (Sweet)	
C34 Orange		D34 Radish	
C35 Papaya		D35 Rhubarb	
C36 Pear		D36 Rosemary	
C37 Pecan		D37 Sage	
C38 Persimmon		D38 Spinach	
C39 Pineapple		D39 Squash	
C40 Pistachio		D40 Swiss Chard	
C41 Plum		D41 Thyme	
C42 Pomegranate		D42 Tomatillo	
C43 Raspberry		D43 Tomato	
C44 Shagbark Hickory		D44 Turnip	
C45 Strawberry		D45 Watermelon	
Number of Fruits, Nuts, Berries Correct		Number of Vegetables Correct	