4-H Roundup
HORTICULTURE CONTEST

Sponsored by:
Departments of Horticulture and Landscape Architecture
and 4-H Youth Development
Oklahoma State University
Division of Agricultural Sciences and Natural Resources

Contest Superintendent
Dr. Doug Needham
360 Ag Hall
405-744-6462
doug.needham@okstate.edu

Contest Details

• **Date:** Thursday, May 24, 2007
• **Time:** 10:30 AM – 4:00 PM
• **Location:** Headhouse Classroom, Teaching Greenhouses, OSU

Contest Purpose, Objectives, Rules, and Guidelines

Horticulture includes the production and marketing of fruits, nuts, vegetables, turfgrasses, and greenhouse and nursery ornamentals. Be sure to visit the 4-H Horticulture website (http://www.hort4h.okstate.edu/) for additional information and resources. Always consult OCES Fact Sheets, accessible from the web address above, for the most up-to-date cultural information.

• A 4-H Club may enter only **one team, consisting of three members**, in this contest. The score for a team will be calculated from **all three members’ accrued points**. Each member on the team must be at least 14 years of age but not yet 19 by January 1 of the contest year (year participating at Roundup). All participants must be 4-H Roundup Delegates representing their county. Each county may enter as many teams as it considers appropriate for the good of the county program.

• A 4-H Club **without a team** may enter **up to two individuals** to compete for individual awards. Individual participants must meet the age restrictions specified above.

Only those students who are competing will be allowed to participate in this event. No tools or supplies may be brought to the event, except for pencils and pens; all other necessary equipment, including clipboards, will be provided.

The contest will consist of three parts, and **all contestants, whether participating as a team member or individual, will participate in all components:**

I. **Identification of Plant Materials Component (200 points)** — Each contestant will be required to identify 40 specimens (5 points each) from the “4-H Horticulture Identification Card” (publication #10). Contestants will receive the ID Card as shown on http://www.hort4h.okstate.edu, which lists all possible specimens. Contestants must place the ID number, representing the appropriate name, next to the number of the specimen being identified. Duplicate specimens may be used. Each participant will be allowed 20 minutes to complete this phase of the event.
II. **Problem-Solving/Decision-Making Component (200 points)** — Each participant will solve ten problems related to the various aspects of the horticulture industry. Each problem will describe the situation or create the problem, and provide at least four possible solutions to the problem. The participant must decide on the best possible solution to the problem. All materials necessary to solve the problem will be available to the participant as he/she solves the problem. This portion of the event may include judging horticultural specimens. See 4-H Horticulture Crop Judging Manual (publication #702), available from [http://www.hort4h.okstate.edu](http://www.hort4h.okstate.edu). Each participant will be allowed 20 minutes to complete this phase of the event.

III. **Practicum Component (100 points)** — Each participant will perform the creative task and/or answer up to 20 questions (5 points each) about the practicum activity.

This year’s practicum component is: **Making a Colonial Round Arrangement**, which was taught as a workshop at last year’s 4-H Roundup.

Future Years’ Practicum Components:
- 2008: Propagating Plants Vegetatively
- 2009: Designing and Planting a Dish Garden, aka. “Color Bowl”
- 2010: Designing and Planting a Terrarium

**AWARDS**

Awards will be presented in the following categories at the conclusion of the contest.

**Teams:**
- 1<sup>st</sup> Place
- 2<sup>nd</sup> Place
- 3<sup>rd</sup> Place

**Individuals:**
- 1<sup>st</sup> Place
- 2<sup>nd</sup> Place
- 3<sup>rd</sup> Place

**REFERENCES**

I. Be sure to visit OSU’s Department of Horticulture and Landscape Architecture homepage at [http://www.hortla.okstate.edu](http://www.hortla.okstate.edu) for additional information.


III. 4-H Horticulture publications at [http://oklahoma4h.okstate.edu/litonline/](http://oklahoma4h.okstate.edu/litonline/).

IV. Mail order seed catalogs, such as Park Seed, are good sources of photos and product information. They can be obtained free of charge from most companies. Farm and garden magazines are full of addresses for these companies in the late winter of every year.

V. *A Manual for Flower Judging*, Pi Alpha Xi—the Honor Society for Horticulture, available from Dr. Terry Ferriss, Plant & Earth Sciences Department, University of Wisconsin, River Falls, WI 54022.

VI. *Judging Horticultural Commodities* videotape, VT526, OSU Cooperative Extension Service, available for loan from County Extension Offices or for sale from OSU Agricultural Communications at (405) 744-3727.