

# FLORICULTURE CAREER DEVELOPMENT EVENT Rules for Regional and State FFA Events

## Sponsor

This event is currently sponsored by the North Carolina FFA Foundation.

## State Event Superintendent

The superintendent for this event is Mr. David Harris, Western Region Agricultural Education Coordinator, Department of Agricultural and Extension Education, Mountain Horticultural Crops Research and Extension Center, 455 Research Drive, Fletcher, NC 28732-9216  
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## Eligibility and General Guidelines

This event is open to all FFA chapters and FFA members in good standing. Members winning a previous state event in this area or that have participated in a previous national event in this area are ineligible. This event will be held at the North Carolina State FFA Convention.

Teams shall consist of four members. **All four members will be scored and all four scores will count towards the team total.** No alternates are allowed in state events. Any alternate found participating in a state event will result in team disqualification. FFA members and advisors may not visit the site of a state career development event within seven days of the start of the event. Teams that violate this rule will be disqualified.

FFA members in good standing may also participate as individuals in this event. A chapter may have up to two members participate as individuals as long as the chapter does not have a team participating in the event. Their scores will only count toward individual recognition, and will not be tallied as a team score. Three members participating in this event from the same chapter constitute a team.

The top three individuals in the federation event are eligible to participate in the regional event as individuals regardless of their team placing. The top three individuals in the regional event are eligible to participate in the state event as individuals regardless of their team placing.

The use of cellular phones, Personal Digital Assistants (PDA's) or any other mobile electronic communication device is prohibited during any state-level career development event. Any violation of this rule by any team member will result in total team disqualification.

Any member found cheating in any state-level career development event will result in total team disqualification for that event.

At the North Carolina FFA State Convention, members may participate in only one career development event with the exceptions of Creed and Parliamentary Procedure or Prepared Public Speaking and Parliamentary Procedure.

## State Career Development Event Participation

The appropriate numbers of teams based on event participation from each region are eligible to compete in the state career development event. The top three individuals in the regional event are eligible to participate in the state event as individuals regardless of their team placing. Teams and individuals advancing to state event participation must be certified by the regional FFA advisor.

## Procedures for Administering the Event

- A. The general knowledge test and the identification activity will be the same for both the Floriculture and Nursery/Landscape Events at the regional level. At the state level, the identification for both events will be the same. There will be separate written tests at the state-level for the events.
- B. Under no circumstances will any participant be allowed to touch or handle plant materials during the identification portion of the event. Any infraction of this rule will be sufficient cause to give that individual a zero on that phase of the event.
- C. Any communication between participants during the event that would constitute giving help to that individual would result in both individuals getting a zero on that phase of the event. If an individual is suspected of copying someone else's paper, the participant will be given a personal quiet warning and if cheating continues, the one copying would be given a zero on that phase of the event and total team disqualification.
- D. To facilitate the holding of the scorecards, participants are allowed and encouraged to bring and use clipboards. These should be submitted to an event official to determine that they are free of written materials that might help a participant in the event.
- E. Identification papers, tests and practicum scorecards will be different colored papers for each of the two horticulture events. Event coordinators should provide a colored scorecard to be attached to the three judges' scorecards for the average score to be recorded on for the regional and state events.
- F. Regional Event Set-Up
  1. The host school will have the responsibility in setting up the career development event, choosing career development event officials, judges and materials according to the following:
    - a. Identification (250 points - 25 minutes)

Twenty-five plants will be chosen from the current list of ID plants and each plant will be numbered. Each contestant will be assigned a plant to begin the identification portion of the contest. Each contestant will remain at each plant for one minute then progress on to the next plant. No contestant will be permitted to return to a plant for a second time. Each plant will be worth 10 points and no plant will be used twice. Event officials will grade papers. Grading will be done by giving 10 points for each plant correctly identified. If it is observed that a participant uses the same number on their paper twice, neither number will be counted correct.

- b. Knowledge Test (250 points - 25 minutes)  
A written knowledge test will be made up by the state staff or the horticulture staff at N. C. State University consisting of 25 multiple choice questions. The same test will be used in both the Floriculture and Nursery/Landscape Events. The answer to these questions must be available in at least one of the references on the event reference list. The contestants will be given 25 minutes to complete the test and each question will be valued at 10 points. Event officials will grade the papers. Copies of written tests will not be made available to teachers until the summer following the events.

- c. Practicum (50 points - 6 minutes )  
Each participant will make a satin bow of #9 ribbon that would be appropriate to use on a 7" wide azalea pot of mums. #20 floral wire, a bolt of #9 ribbon, floral tape, 6" wired pick shears and scissors will be provided. Three judges will observe and independently judge each contestant as they work and on their finished product using the score card below. The three judges will average their scores and that average will become the contestant's score for the practicum. (Reference: Floral Design and Marketing by Gary Anderson; Ohio Agricultural Curriculum Service). The criteria for scoring the regional practicum is as follows:

<b>Taping Wire</b>	<b>10 Points</b> _____
<b>Expertise in Making a Bow</b>	<b>20 Points</b> _____
<b>Putting Bow on Pick</b>	<b>5 Points</b> _____
<b>Overall Appearance of Finished Product</b>	<b>15 Points</b> _____
<b>Total</b>	_____

G. State Event Set-Up

- 1. The State FFA Coordinator or horticulture consultant shall be responsible for setting up the event, choosing event officials, judges and materials according to the following:

- a. Identification (500 points - 50 minutes)  
Fifty plants will be chosen from the current list of ID plants and each plant will be numbered. Each participant will be assigned a plant to begin identification. Each participant will remain at each plant for one minute then progress on to the next plant. No participant will be permitted to return to a plant a second time. Handling the plant will result in the student receiving a zero on plant ID. Grading will be done by giving 10 points for each plant correctly identified it is observed that a contestant

uses the same number on their ID paper twice, neither number will be counted correct resulting in a penalty for using the same number. Teachers will grade the papers but should not grade papers of their own team.

- b. **Knowledge Test (500 Points - 50 minutes)**  
 A written test will be made up by the state staff or horticulture staff at North Carolina State University. The test will consist of 50 multiple choice questions. The answers must be found in at least one of the references on the event reference list. The test will consist of 30 general horticulture questions and 20 questions specific to the area of floriculture. The participants will be given 50 minutes to complete the test and each question will be valued at 10 points. Copies of written tests will not be made available to teachers until the summer following the events. No question should be used two years consecutively.
  
- c. **Practicum (100 points – 10 minutes/contestant)**  
 Each participant will be provided a potted flowering or foliage plants and prepare it for sale in a florist shop. All materials needed to prepare the plant for sale will be provided. The ribbon needed will not be pre-cut and the student will work off the bolt of ribbon in making the bow for the plant. Three judges will observe the contestants and independently record their scores of each contestant's work using the score card below. These scores will be averaged and become the contestant's score for this practicum. (Reference: Floral Design and Marketing by Gary Anderson; Ohio Agriculture Curriculum Service).

<u>Scorecard</u>		
Use of Foil	30 points	_____
Makeup of bow	40 points	_____
Placement of bow and ribbon on pot	20 points	_____
General Appearance	<u>10 points</u>	_____
<b>Total</b>	<b>100 points</b>	_____

- d. **Problem Solving (100 Points - 30 minutes)**  
 Each student will be given a 10 question multiple choice problem solving test concerning floral plants, products, or situations. Each question will be worth 10 points. Event officials will grade these papers. There should not be any two-part questions where the answer in one question has an impact on the answer for a subsequent question. Some examples of these types of questions are as follows:  
 Example 1: A student has a plant that has an insect problem.  
 Question #1 could ask: What is the problem?  
 A. Mealy bugs  
 B. Mites  
 C. White flies  
 D. Aphids

Question #2 could ask: What is the best solution to the problem on the plant in question #1?

- A. Use Roundup
- B. Use A Rest
- C. Use Methyl Bromide
- D. Use Talstar

Example 2: Setting before you is a flower arrangement made in a florist shop for delivery to a customer. There is a major problem with the arrangement.

Question #3 could ask: What is the solution to the major problem with the arrangement?

- A. Change colors of flowers to make the colors more compatible.
- B. Move larger flowers to the bottom of the arrangement.
- C. Add additional greenery.
- D. Add a focal point

2. State Floriculture Summary

	Points	Time
Identification	500	50 minutes
Knowledge	500	50 minutes
Practicum	100	10 minutes per contestant
Problem Solving	<u>100</u>	<u>30 minutes</u>
<b>Total</b>	<b>1200</b>	<b>2 hours and 40 minutes</b>

**Procedure for Determining the State Event Winner When Scores are Tied**

In the event a tie score exists, apply the following methods in sequential order until the tie is broken:

1. Compare the total team scores for the problem solving component and the higher scoring team is the winner.
2. If this method fails to break the tie, co-winners will be declared and a run-off event will be held to determine which team will represent North Carolina at the National FFA Convention. The run-off event will follow the same rules as the state event.

Special Note: In the event a tie exists between first, second or third place teams on the regional level, the tied teams will be allowed to participate in the state event. In the event a tie exists in a

federation event that sends teams directly to state competition, the tied teams will be allowed to participate in the state event.

### **Dress Code**

Participants are required to follow the North Carolina FFA Association Career Development Event Dress Code. Participants should wear long pants, an appropriate shirt with a collar or an appropriate high school or FFA t-shirt. A ten percent reduction in the total team score will be taken if a participant violates the dress code.

### **State Awards**

The following awards will be presented annually at the state FFA convention provided sponsorship is available:

State Winning Team	\$500, first place team plaque, pins for team members
Second Place Team	Second place team plaque, pins for team members
Third Place Team	Third place team plaque, pins for team members
High Scoring Individual	Plaque

### **National Career Development Event Participation**

The state winning team will advance to the national career development event at the National FFA Convention. It is the responsibility of the Chapter FFA Advisor to complete all necessary national certification forms and return them to the State FFA Coordinator by the assigned due date.

State winning CDE Teams that choose not to participate at the national level should contact the state office by Sept 1 prior to national convention. Teams that fail to inform the state office prior to Sept 1 will be ineligible to participate in that same CDE for the next year (chapters may appeal to the State FFA Board of Directors). Teams that do not compete at the National Convention will be required to pay back the \$500 travel award.

## Bibliography

Landscape Plants of the Southeast, Halfacre, Gordon, The Sparks Press.

A Guide to Field Identification-Trees of North America, C. Frank Brockman, 168 Golden Press, New York.

\*Nursery Production - A Student Handbook, 1988, Department of Ag Ed., Penn State University, University Park, Pennsylvania 16802.

\*Greenhouse Crop Production Revised - A Student Handbook, 1983 Department of Ag.Ed, Penn State University, University Park, Pennsylvania 16802.

\*Floral Design and Marketing, Gary Anderson, The Ohio State University, 2120 Fyffe Road. Columbus. Ohio. 43210.

Landscaping Your Home, Revised Edition-Circular III, Nelson, Jr., William R., University of Illinois, Urbana, Illinois.

\*Carolina Lawns, Circular Ag-69, North Carolina Extension Service.

\*Mathematics for Horticulture-Student Manual, 1982, The Ohio State University, 2120 Fyffe Road, Columbus, Ohio, 43210, \$4.95.

\*Landscaping: Principles and Practices, Third Edition, by Ingels, Delmar Publishers, 1987.

\*Working in Horticulture, By Moore and Richardson, Gregg/McGraw Hill Book Co., 1980. Activity Guide, Teacher's Manual.

\*Introductory Horticulture, Third Edition, by Riley and Shry, Delmar Publishers, 1987.

American Standard For Nursery Stock, Published by the American Association of Nurserymen, Inc., 1986,1250 I Street, Suite 500, Washington, D.C. 20005.

**\*These references will be used primarily as sources for test items.** Others are for use by teachers primarily.

## Official Plant Identification List NC FFA Floriculture & Nursery/Landscape Contests

Plant specimens will be numbered 1-25 for the Regional Contest and 1-50 for the State Contest  
Contestant is to write the appropriate number in the space beside the name of the specimen.

Contestant Name _____	Contestant # _____	Score _____
_____ Abelia X grandiflora/Glossy Abelia	_____ Echinaceae purpurea/ Cone Flower	
_____ Acer palmatum/Japanese Maple	_____ Elaeagnus pungens/Thorny Elaeagnus	
_____ Acer platanoides/Norway Maple	_____ Epipremnum aureum cv./Golden Pothos	
_____ Acer rubrum/Red Maple	_____ Euonymus alata/Winged Euonymus	
_____ Ageratum mexicanum/Ageratum	_____ Euonymus japonica or 'Variegata'/ Evergreen Euonymus	
_____ Aglaonema commutatum/ Aglaonema	_____ Euphorbia pulcherrima cv./Poinsettia	
_____ Ajuga reptans/Ajuga	_____ Ficus benjamina/Weeping or Benjamin Fig	
_____ Antirrhinum majus cv./Snapdragon	_____ Ficus elastica 'Decora'/Decora Rubber Plant	
_____ Araucaria heterophylla/Norfolk Island Pine	_____ Fittonia verschaffeltii/Nerve Plant	
_____ Asparagus densiflorus 'Sprengerii'/ Sprengerii Fern	_____ Forsythia X intermedia/Border Forsythia	
_____ Asparagus setaceus/Plume Asparagus Fern	_____ Fuchsia X hybrida/Fuchsia	
_____ Astilbe cv./Astilbe Hybrids	_____ Gardenia jasminoides/Gardenia	
_____ Aucuba japonica/Japanese Aucuba	_____ Gerbera jamesonii/Gerber Daisy	
_____ Begonia X semperflorens-cultorum/ Wax Begonia	_____ Gibasis pellucida/Tahitian Bridal Veil	
_____ Berberis thunbergii/Japanese Barberry	_____ Ginkgo biloba/Ginkgo	
_____ Betula nigra/River Birch	_____ Gladiolus X hortulanus/Gladiolus	
_____ Buddleia davidii/Butterfly Bush	_____ Gleditsia tricanthos var. inermis/ Thornless Honeylocust	
_____ Buxus microphylla var. japonica/ Japanese Boxwood	_____ Gynura aurantiaca/Velvet Plant	
_____ Buxus sempervirens/Common Boxwood	_____ Hedera helix/English ivy	
_____ Camellia japonica cv./Common Camellia	_____ Hemerocallis cv./Day Lily	
_____ Camellia sasanqua/Sasanqua Camellia	_____ Hippeastrum cv./Amaryllis	
_____ Canna X generalis/Canna	_____ Hosta sp./Hosta	
_____ Catharanthus roseus/Madagascar Periwinkle	_____ Hoya carnosa/Wax Plant	
_____ Cercis canadensis/Eastern Red Bud - Judas Tree	_____ Hydrangea macrophylla/French Hydrangea	
_____ Chamaecyparis pisifera "Gold Mop"	_____ Iberis sempervirens/Evergreen Candytuft	
_____ Chamaedorea elegans/Parlor Palm	_____ Ilex X attenuata 'Fosteri'/Fosteri Holly	
_____ Chlorophytum comosum cv./Spider Plant	_____ Ilex X attenuata 'Savannah'/Savannah Holly	
_____ Chrysanthemum morifolium or Dendranthema X grandiflora/Florist Chrysanthemum	_____ Ilex crenata "Compacta"/Compacta Holly	
_____ Chrysanthemum X superbum/Shasta Daisy	_____ Ilex x "Nellie R. Stevens"/Nellie R. Stevens holly	
_____ Clematis X jackmanii/Clematis Hybrids	_____ Ilex crenata 'Helleri'/Helleri Holly	
_____ Codiaeum variegatum var. pictum/Croton	_____ Ilex cornuta "Carissa"/Carissa Holly	
_____ Coleus X hybridus/Coleus	_____ Ilex vomitoria 'Nana'/Dwarf Yaupon	
_____ Cornus florida/Flowering Dogwood	_____ Impatiens/Impatiens Cultivars and Hybrids	
_____ Cornus kousa/Chinese Dogwood	_____ Iris X germanica var florentina/Bearded Iris	
_____ X Cupressocyparis leylandii/Leyland Cypress	_____ Iris xiphium/Dutch Iris	
_____ Crassula ovata/Jade Plant	_____ Juniperus conferta/Shore Juniper	
_____ Dieffenbachia maculata/Dumbcane	_____ Juniperus horizontalis 'Plumosa,' 'Bar Harbor,' or 'Wiltonii' /Creeping Juniper	
_____ Dizygotheca elegantissima 'Castor'/ False Aralia	_____ Kalanchoe blossfeldiana/Kalanchoe	
_____ Dracaena cincta/Red Edge Dracaena	_____ Lagerstroemia indica cv./Crape Myrtle	
_____ Dracaena deremensis 'Warneckii'/ Warneckii Dracena	_____ Ligustrum japonicum cv./Japanese Privet	
	_____ Liquidambar styraciflua/Sweetgum	
	_____ Liriope muscari/Liriope(Green or Variegated cv.)	
	_____ Loropetalum chinensis/Chinese fringe flower	

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|--|---|
| _____ Magnolia grandiflora/Southern Magnolia                             | _____ Tradescantia zebrina/Purple Wandering Jew |
| _____ Magnolia X soulangiana cv./<br>Saucer Magnolia                     | _____ Tsuga canadensis/Canadian Hemlock         |
| _____ Malus sp. or cv./Flowering Crabapple                               | _____ Verbena hybrida/ Garden Verbena           |
| _____ Maranta leuconeura var.kerchoviana/<br>Prayer Plant                | _____ Viola X wittrockiana/Pansy                |
| _____ Myrica cerifera/Wax Myrtle   | _____ Zelkova serrata/Zelkova                   |
| _____ Nandina domestica/Heavenly Bamboo<br>Or Dwarf Nandina              | _____ Zinnia elegans/Zinnia                     |
| _____ Nephrolepis exaltata cv./Boston Fern                               |   |
| _____ Ophiopogon japonicus/Mondo Grass                                   |   |
| _____ Osmanthus X fortunei/ Fortune Tea Olive                            |   |
| _____ Pachysandra terminalis/Japanese Pachysandra                        |   |
| _____ Paeonia sp./Peony  |   |
| _____ Pelargonium X hortorum/Geranium                                    |   |
| _____ Pelargonium peltatum/Ivy Leaf Geranium                             |   |
| _____ Pennisetum alopecuroides/Fountain Grass                            |   |
| _____ Peperomia caperata 'Emerald Ripple'/<br>Emerald Ripple Peperomia   |   |
| _____ Peperomia obtusifolia/Peperomia                                    |   |
| _____ Petunia hybrida/Petunia  |   |
| _____ Philodendron scandens var. oxycardium/Parlor Ivy                   |   |
| _____ Picea abies/Norway Spruce  |   |
| _____ Pieris japonica/Japanese Andromeda                                 |   |
| _____ Pinus mugo var. mugo/Mugo Pine                                     |   |
| _____ Pinus strobus/Eastern White Pine                                   |   |
| _____ Platanus x acerifolia/London Plane Tree                            |   |
| _____ Plectranthus australis/Swedish Ivy                                 |   |
| _____ Prunus laurocerasus 'Zabeliana'/Zabel Cherry<br>Laurel             |   |
| _____ Prunus serrulata 'Kwanzan'/Japanese<br>Flowering Cherry            |   |
| _____ Pyracantha coccinea/ Scarlet Firethorn                             |   |
| _____ Pyrus calleryana 'Bradford'/Bradford Pear                          |   |
| _____ Quercus falcata/Southern Red Oak                                   |   |
| _____ Quercus nigra/Water Oak  |   |
| _____ Quercus palustris/Pin Oak  |   |
| _____ Quercus phellos/Willow Oak   |   |
| _____ Raphiolepis indica/Indian Hawthorn                                 |   |
| _____ Rhododendron catawbiense/Catawba<br>Hybrid Rhododendron            |   |
| _____ Rhododendron kiusianum or Rhododendron<br>obtusum japonicum/Azalea |   |
| _____ Saintpaulia ionantha/African Violet                                |   |
| _____ Salvia splendens/Salvia  |   |
| _____ Schefflera actinophylla/Schefflera                                 |   |
| _____ Schefflera arboricola/Dwarf Schefflera                             |   |
| _____ Schlumbergera bridgesii/Christmas Cactus                           |   |
| _____ Schlumbergera truncata/Thanksgiving cactus                         |   |
| _____ Spathiphyllum cvs./Peace Lily                                      |   |
| _____ Syngonium podophyllum/Nephtytis or<br>Arrowhead Vine               |   |
| _____ Tagetes species/Marigold   |   |
| _____ Taxus cuspidata/Japanese Yew                                       |   |
| _____ Thuja occidentalis/American Arborvitae                             |   |