

Indiana Horticulture CDE

I. Purpose

- A. This career development event teaches youth detailed knowledge of many subject matter disciplines required for the production, marketing and buying of flower, fruit, vegetable and ornamental crops.
- B. The CDE, information and identification contest is a training program concerned with:
 1. Teaching individuals to recognize and identify some of our most important horticultural crops.
 2. To learn quality characteristics of horticulture plants and products.
 3. To be able to answer questions or solve problems on horticultural subjects.

II. General Rules and Guidelines

- This state level CDE is open to any eligible individual or team as there is no county or area qualifying event.
- There are three divisions, Junior, Senior 4-H and Senior FFA. A school may register 2 junior, 2 senior 4-H, and 2 senior FFA teams. A county 4-H program may register 2 junior and 2 senior 4-H teams.
- A team may consist of 3 or 4 individuals with the 3 highest individual scores combined to make the team score.
- Scantron will be used to tabulate scores. Coaches should familiarize their contestants with the Scantron form and instructions posted on the Horticulture CDE web site. <https://extension.purdue.edu/4-H/get-involved/state-programs/career-development-events/horticulture-cde.html>
- There will be four stations; Quiz, Flowers and Ornamentals, Fruits & Nuts and Vegetables, and Specimen Evaluation. Senior 4-H and Senior FFA contestants will have 40 minutes to complete each station. Junior contestants will have 30 minutes to complete each station. Answer marks for the quiz and specimen evaluation stations are to be completed before leaving that station. Contestants will mark their identification answers on the answer identification answer choice sheet while completing each practicum. Time will be provided at the end of the contest to bubble in Scantron answers. All Scantron answer sheets are to be turned in to the contestant's group leader before leaving the last station room. It is contestant's responsibility to make sure their Scantron answer sheet has been completely filled in.
- Senior 4-H and Senior FFA division contests will occur in the Horticulture building and horticulture greenhouse laboratories. Junior division contest will occur in a nearby location. Coaches are expected to assist as group leader, room monitor, or in any other way determined by the contest coordinator.

A. Junior Division

- I. Identification – 120 points
 - a. Vegetables – 15 specimens
 - b. Fruits and Nuts – 15 specimens
 - c. Flowers – 15 specimens
 - d. Ornamentals – 15 specimens
- II. Quiz – 80 points
 - a. 40 true/false, multiple choice questions Total – 240 points
- III. Specimen Evaluation – 40 points
 - a. 4 classes : 1 fruit & nuts, 1 vegetables, 1 ornamentals, 1 flowers & indoor plants

B. Senior Division

1. Rules and Regulations (rules listed in the state ag judging handbook will prevail unless listed below).
 - a. The contest has two divisions, 4-H or FFA.
 - b. The state contest will be coordinated by the State 4-H Office and

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Department of Horticulture and Landscape Architecture.

- c. If there are any special cases that these rules do not cover, they will be acted upon by the general committee in charge of the contest.
 2. Seniors identify 100 specimens from the study list.
 3. Senior division contest will consist of 3 sections:
 - A. Specimen Evaluation – 80 points
 - 8 classes : 2 fruit & nuts, 2 vegetables, 2 ornamentals, 2 flowers & indoor plants
 - Classes are judged based on the basis of quality and condition
 - B. Identification – 200 points
 - ID 100 specimens
 - 25 – fruits & nuts
 - 25 – vegetables
 - 25 – flowers
 - 25 – ornamentals
 - C. Quiz – 160 points
 - 80 questions selected from reference list
 - True/false, multiple choice format
- Total – 440 points

III. Ties

1. Team ties will first be broken by the highest alternate individual score.
2. Individual ties and subsequent team ties will be broken in the following order:
 - a. Identification
 - b. Quiz
 - c. Specimen evaluation
3. If a tie remains those individuals or teams will be presented identical awards.

IV. Recognition and Awards

- The top five senior 4-H, top five senior FFA, and top five junior teams will be awarded a plaque and individual ribbons. The top ten senior 4-H, top ten senior FFA, and top ten junior individuals will be presented a ribbon.
- The first place Senior 4-H team and Senior FFA team will represent Indiana at the NJHA National Convention and CDE Contest. Refer to the State Ag Judging Handbook regarding financial sponsorship.
- Coaches of state winning teams in 4-H and FFA should contact William Wilder, 4 Linda Lane, Columbia City, IN, phone: 260-244-7567, cell phone: (260) 229-0400, email: bwilder34@embarqmail.com for references for the quiz given at the national level.

V. Suggested References

- Quiz questions will be taken from the publication list located on the Horticulture CDE web page.
- NJHA website – www.njha.org

Refer to Horticulture CDE web page for a complete listing of Purdue Extension publications from which exam questions will be created. <https://extension.purdue.edu/4-H/get-involved/state-programs/career-development-events/horticulture-cde.html>