

# Vegetable Identification and Judging CDE

Weeds  
Seeds

5 points/specimen  
5 points/specimen

## Purpose

The Vegetable Identification and Judging event is designed to test skills and knowledge of students in the area of vegetable production and management.

## Eligibility

The participant must be an active member of a chartered Florida FFA Chapter and enrolled in grades 9, 10, 11, or 12. Each Junior and Senior chapter may enter one team of four individuals. Only the top three scores will be calculated for the team total.

## Event Procedures

1. Contestants will report to the CDE coordinator for specific instructions and details of the event.
2. Contestants will be provided Scantron answer sheets.
3. Contestants should bring a clipboard and two #2 pencils. Use of a hand lens is encouraged.
4. FFA members must be in official dress, appropriate to the CDE, and will be scored accordingly.

## Event Format

1. Identification of specimens will be composed of vegetable varieties, insects, diseases, weeds, seeds, nutrient deficiencies, grades, and defects.
2. Varieties may be shown in either mature or seedling stages.
3. Four judging classes will be placed based on items of quality and other characteristics that a consumer utilizes in buying vegetables.
4. The vegetable specimen plates in each placing class will be placed on individual merit.
5. Each placing class is worth 50 points.
6. Each specimen to be identified is worth 5 points.
7. A 25 question multiple choice exam covering general knowledge of vegetable production will be given. Each question is worth 4 points for a total of 100 points.

## Scoring

4 Placing Classes	50 points/class
25 Question Written Exam	100 points
Kinds & Varieties	5 points/specimen
Insects	5 points/specimen
Diseases	5 points/specimen

## Tie Breakers

Ties will be broken using the following procedure, unless otherwise noted by the CDE Coordinator. In breaking a tie for a team the drop score will be used first, followed by team written exam total, and then by team placing class total. Individual ties will be broken by oral reasons first, followed by written exam, and then by a single placing class (chosen by CDE Coordinator). If any of these are absent from a CDE, (ie. oral reasons, written exam, etc), then the next highest point practicum will be used.

## Awards

Awards will be presented at an awards ceremony. Awards are presented to teams as well as individuals based upon their rankings. Awards are sponsored by a cooperating industry sponsor(s) as a special project and/or by the general fund of the Florida FFA Foundation.

## References

This list of references is not intended to be inclusive. Other sources may be utilized and teachers are encouraged to make use of the very best instructional materials available.

The following list contains references that may prove helpful during event preparation.

- Vegetable Gardening in Florida –1999 – Dr. Jim Stephens.
- Vegetable Production Guide for Florida – IFAS Publication (sp 170) – Sonja Tighe, Publisher
- Florida Vegetable Gardening Guide J. M. Stephens, R. A. Dunn, G. Kidder, D. Short, and G. W. Simone Document Number: SP 103, March 1994 <http://edis.ifas.ufl.edu/pdffiles/VH/VH02100.pdf>, <http://edis.ifas.ufl.edu/VH021>
- Florida Crop/Pest Management Profiles: Watermelons Barbra C. Larson Vasquez & O. Norman Nesheim <http://edis.ifas.ufl.edu/PI031>
- Florida Crop/Pest Management Profiles: Snap Beans Barbra C. Larson Vasquez & O. Norman Nesheim <http://edis.ifas.ufl.edu/PI032>
- Florida Crop/Pest Management Profiles: Cabbage <http://edis.ifas.ufl.edu/PI042>
- Florida Crop/Pest Management Profiles: Tomatoes Michael J. Aerts & O. Norman Nesheim <http://edis.ifas.ufl.edu/PI039>

## Vegetable Identification List

Kinds and Varieties	
A	Artichoke, globe
B	Artichoke, Jerusalem
C	Asparagus
D	Bean, Bush
E	Bean, horticultural
A	Bean, Lima
B	Bean, pole
C	Bean, wax
D	Beets
E	Broccoli
A	Brussels sprouts
B	Cabbage, Golden Acre
C	Cabbage, red
D	Cabbage, savoy
E	Carrot, Chantenay
A	Carrot, Danvers
B	Carrot, Imperator
C	Cauliflower
D	Celeriac
E	Celery
A	Chard, Swiss
B	Chinese cabbage
C	Chives
D	Collards
E	Cucumber
A	Eggplant
B	Endive
C	Escarole
D	Garlic
E	Kale
A	Kohlrabi
B	Leek
C	Lettuce, butterhead
D	Lettuce, crisphead
E	Lettuce, leaf
A	Lettuce, romaine
B	Muskmelon
C	Mustard
D	New Zealand spinach
E	Okra
A	Onion, Bermuda
B	Onion, Sweet Spanish
C	Parsley
D	Parsnip
E	Pea, English
A	Pea, Southern

B	Pepper
C	Potato, Irish
D	Pumpkin
E	Radish
A	Rutabaga
B	Spinich
C	Squash, butternut
D	Squash, crookneck
E	Squash, Hubbard
A	Squash, scallop
B	Squash, straightneck
C	Squash, Table Queen
D	Squash, zucchini
E	Sweet Corn
A	Sweet Potato
B	Tomato
C	Turnip
D	Watermelon, Charleston Grey
E	Watermelon, Crimson Sweet

Harmful Insects	
A	Aphids
B	Banded cucumber beetle
C	Bean leaf roller
D	Cabbage looper
E	Click beetle
A	Colorado potato beetle, adult
B	Colorado potato beetle, larvae
C	Corn earworm
D	Cutworm
E	Fall armyworm
A	Field cricket
B	Flea beetle
C	Green Stinkbug
D	Harlequin bug
E	Imported cabbage worm
A	June beetle
B	Leaf-footed plant bug
C	Leafhopper
D	Leafminer
E	Lesser cornstalk borer
A	Mexican bean beetle, adult
B	Mexican bean beetle, larvae
C	Mole cricket
D	Pickleworm
E	Squash bug
A	Sweet potato weevil
B	Tomato hornworm
C	Twelve-spotted cucumber beetle

D	White grub
E	Wireworm
Beneficial Insects	
A	Earwig
B	Green garden spider
C	Ground beetle
D	Honey bee
E	Lady beetle
A	Praying mantis
B	Tachnid fly
C	Tider beetle

Diseases	
D	Alternaria leafspot (on crucifers)
E	Bean rust
A	Cabbage black rot
B	Cabbage soft rot
C	Celery early blight
D	Celery late blight
E	Corn rust
A	Corn smut
B	Cucumber downy mildew
C	Magnesium deficiency
D	Nitrogen deficiency
E	Onion neckrot
A	Onion purple blotch
B	Pepper bacterial spot
C	Pepper blossom-end rot
D	Potassium deficiency
E	Potato early blight
A	Potato Rhizoctonia
B	Potato weather fleck
C	Rootknot
D	Squash powdery mildew
E	Sunscald
A	Tomato bacterial spot
B	Tomato bacterial wilt
C	Tomato blossom-end rot
D	Tomato early blight
E	Tomato leaf mold
A	Watermelon mosaic virus

Weeds	
B	Beggarweed
C	Bermuda grass
D	Chickweed
E	Common cocklebur
A	Common purslane
B	Common ragweed

C	Crabgrass
D	Curly dock
E	Cypressvine morning glory
A	Florida pusley
B	Lambsquarters
C	Nutgrass
D	Pepperweed
E	Pigweed
A	Sicklepod (coffeeweed)

Seeds	
B	Asparagus
C	Beans, Lima
D	Beans, snap
E	Beets
A	Cabbage
B	Carrot
C	Celery
D	Corn, sweet
E	Cucumber
A	Eggplant
B	Lettuce, black or white
C	Muskmelon
D	Okra
E	Onion
A	Parsnip
B	Pea, English
C	Pepper
D	Radish
E	Spinich, round or prickley
A	Squash, C. maxima
B	Squash, C. moschata
C	Squash, C. pepo
D	Tomato
E	Watermelon