

2007 SC FFA Agronomy Career Development Event
SC State Fair Grounds
Saturday, April 28, 2007, 10:00 a.m.
Registration begins at 9:00 a.m.
(Assemble in the Hampton Building)

The South Carolina Agronomy CDE will follow the general outline of the National FFA event. Details for the National event can be found at the following Web address:
http://www.ffa.org/programs/cde/documents/cde_agronomy.pdf

The National FFA plant and seed identification approved list has been modified to include species native to South Carolina. Be sure to examine the revised list for South Carolina and study its contents. Also note that those identified with an asterisk (*) may be presented in the form of seed for identification purposes.

Personal Equipment- it is suggested that each bonifide FFA member participating (one team per chapter, 4 individuals compose a team) bring a clean (free from notes) clipboard, two No. 2 sharpened pencils, and an electronic calculator to the contest.

The contest will consist of the following three major areas:

1. General Knowledge- a 50-question, 4-item multiple choice examination will be given to each participant. Possible 100 points.
2. Three individual practicum sections, A, B & C, will total 320 possible points. The breakdown is shown below:
 - A. Identification- 40 specimens that are either mounted, seeds and/or in any live stage of emergence. See South Carolina approved list, revised 2005. Three points each for a possible 120 points total.
 - B. Disorders - (100 points)

Ten samples will be identified according to Category, Causal Agent and Damage location (3 points for causal category, 4 points for causal agent and 3 points for damage location).
Please note the score sheet for this area.
 - C. Equipment and Machinery Identification (100 points). Participants will be required to identify 20 specimens from the national list (find a power point on the SC AG ED webpage). Samples may be actual equipment, scale models, toys or pictures.

3. Team Problem Solving Activity- 300 points.
This year's event will center upon Peanut Production and Soil Fertility as the theme. Publications to assist in preparing for the problem can be found at the following websites:
- a) http://www.clemson.edu/agrvlb/myweb10/pdf_files.htm
** Study the **Introduction** section of this publication**

 - b) <http://www.clemson.edu/peanuts/mmaker06.PDF>
Study the **Fertility section of this publication**

References- In addition to those references listed on the National FFA rules, South Carolina will refer to:

Agriscience Fundamentals & Applications by Cooper & Burton, Third Edition, Delmar.

Pest Management Handbook, Volume 1 Field Crops, Fruits and Vegetables, and Volume 2, Turfgrass and Ornamentals.. Clemson University.