# 2010 Nebraska State Fair
# PILOT
# Department F – Insect Identification Contest

## Division 500

Superintendent – Jim Kalisch, Lincoln

### General Rules:

- Participant Eligibility:
  - Participant must be 10 years old on January 1, 2010.
  - Contestants must be 4-H members at the time of the contest.
  - Contestant eligibility will be verified by county extension staff.
- Participants are required to pay a non-refundable fee of $5/person.
- Participants will be notified of the location of the contest prior to State Fair.
- General rules from the 4-H section of the Nebraska State Fair apply.

**Age Divisions:**

F500031 Intermediate: 4-H'ers must be 10-13 by January 1, 2010
F500030 Senior: 4-H'ers must be 14-18 by January 1, 2010

### Contest Guidelines:

- Participants may enter as an individual only in 2010.
- Individuals compete according to their age.
- Members do NOT need to be enrolled in a 4-H Entomology project to participate.
- Contestants will identify 50-60 insect specimens. Identifications will be scored strictly by the names given on the 2010 Specimen List, as common names may vary according to resources studied.
- Contestants will be required to identify specimens by common name only, and will use a key consisting of eligible orders and insects from which to write the corresponding letter (for order) and number (for insects) on an answer sheet. Every 5$^{th}$ specimen will also have a multiple-choice question about the insect. These questions could require order names and meaning, kinds of antennae, legs or mouthparts, metamorphosis, facts about biology and/or knowledge of scientific names.
- Scoring: Each correct order answer is worth 1 point, and each correct insect answer is worth 1 point. Questions are worth 2 points.
- Contestants will not be allowed to touch samples during the contest.
- Ties will be broken with a supplemental specimen and multiple-choice question section at the end of the contest answer sheet.
- Contestants must bring their own pencil or pen.
- Special arrangements must be made with the superintendent at least one week in advance.

## Contest Resources:

- Specimen List for 2010 (PDF File)

- Contest Study Sheets for Each Insect on List (PDF File)
- Contest Answer Sheet (PDF File)
- Supplementary Study Resources:
    - **Field Guide to Insects and Spiders of North America**, by Arthur Evans, National Wildlife Federation, Sterling Publishing Co., Inc., New York, 2007.
    - **Kaufman Field Guide to Insects of North America**, by Eric R. Eaton and Kenn Kaufman, Houghton Mifflin Company, 2007.
    - **National Audubon Society Field Guide to North American Insects and Spiders**, by Lorus and Margery Milne, Alfred A. Knopf, New York, 1980.
    - **Peterson Field Guide to Insects**, by Donald J. Borror, Richard E. White, and Roger Tory Peterson,1998.
    - **Insectigator: Bug or Insect - Do You Know the Difference?** University of Nebraska Extension 4-H Curriculum H4110, 2009.

## State 4-H Insect Identification Awards:

- Individuals for both age divisions:
    - Medals: Gold (1st), Silver (2nd), Bronze (3rd)
    - Placement Ribbons: 1st through 10th place individual ribbons