

AGRICULTURAL ENTOMOLOGY LAB
BSPM 303C
Fall, 2012

GENERAL DESCRIPTION: AGRICULTURAL ENTOMOLOGY is a course that introduces the student to the biology, recognition and control of arthropod pests of agronomic and vegetable, rangeland, livestock and poultry.

TIME AND ROOM: Lecture/Lab: 3:00-3:50pm Tuesday; 3:00-3:50pm Thursday (PLSCI E008)

INSTRUCTORS: B. C. Kondratieff – 012 Laurel Hall (491-7314, email: Boris.Kondratieff@colostate.edu); F. B. Peairs - 102 Insectary (491-5945), email: fbpeairs@lamar.colostate.edu).

TEXTS: No text is required; handouts and supplementary information will be distributed

OBJECTIVES: Upon completion a student should be able to demonstrate knowledge of the identity, the common name, life history, management strategies of arthropod pests of agronomic and vegetable, rangeland, livestock and poultry.

ADDITIONAL TIME FOR LAB WORK

The lab will be open one evening each week for students requiring more time to study the teaching collection. Please make arrangements with the instructor.

LABORATORY SCHEDULE:

1. General Pest Management
(21 & 23 Aug)-Peairs
2. Introduction to the insects and related arthropods
(28 Aug & 30 Aug)-Kondratieff
3. Miscellaneous pests (household)
(4 Sept & 6 Sept)-Kondratieff
4. Miscellaneous pests (household) continued, Quiz-{covers general insect identification, pest management, and household pests}
(18 Sept & 20 Sept)-Kondratieff

5. Introduction to Management of small grain pests
(25 Sept & 27 Sept)-Peairs
6. Small grain pests
(2 Oct & 4 Oct)-Kondratieff
7. Introduction to management of corn insects
(9 Oct & 11 Oct)-Peairs
8. Introduction to management of vegetable insects
(16 Oct & 18 Oct)-Cranshaw
9. Corn pests ([Quiz 2, covers small grain, vegetable pests]
(23 Oct & 25 Oct)-Kondratieff
10. Forage, range and stored grain
(30 Oct & 1 Nov)-Peairs
11. Introduction to livestock pest management
(6 Oct & 8 Nov)-Peairs
12. Livestock pests (13 Nov & Nov 15) [Quiz 3, covers corn, forage, range, stored
grain and livestock pests]-Kondratieff
13. Livestock & Poultry pests
(27 Nov & 29 Nov)-Kondratieff
14. Miscellaneous pests
(30 Nov & 2 Dec)-Kondratieff
15. Review
(4 Dec)-Kondratieff
16. Final quiz [100 points]
(6 Dec) Peairs & Kondratieff

EVALUATION:

4 Quizzes (400 points)

CSU Honor Pledge

"I have not given, received, or used any unauthorized assistance."