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.

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.

LECTURE/LABORATORY SCHEDULE:

1. Introduction to the insects and related arthropods
   - Kondratieff

2. General Pest Management
   - Peairs

3. Introduction to Management of small grain pests
   - Peairs

4. Introduction to management of corn insects
   - Peairs;

5. Introduction to forage, range, and stored grain pests
   - Peairs

6. Quiz 1 [covers management of small grains and corn pest]; – Kondratieff
8. Forage, range, and stored grain pest-identification & biology
   -Kondratieff

7. Pests of small grains-identification & biology
   –Kondratieff

7. Pests of small grains, identification & biology continued
   –Kondratieff

8. Pests of corn, identification and biology
   -Kondratieff

9. **Quiz 2** [covers identification of forage, range, stored grain, small grains, and corn]-Kondratieff

10. Introduction to management of vegetable insects Part I
    -Cranshaw

11. Introduction to management of vegetable insects Part II
    -Cranshaw

12. Vegetable insect review
    -Kondratieff.

13 **Quiz 3** [covers identification and biology of pests of small grains, corn, and vegetables
    -Kondratieff

14. Miscellaneous pests (household)
    -Kondratieff

15. Livestock & poultry pest identification and biology
    -Kondratieff

16. Miscellaneous pests,
    –Kondratieff

17. Introduction to livestock pest management
    -Peairs

18. Review
    -Kondratieff

19. **Quiz 4** (Comprehensive, emphases on material since Quiz 3)]-Peairs & Kondratieff
EVALUATION:

4 Quizzes (400 points); Grading Scale: 90-100=A; 85-89=B; 75-84=C

CSU Honor Pledge

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