

## **BSPM 300 / ANEQ 300B - Livestock Entomology**

### **Instructors**

Dr. Frank Peairs, Coordinator, (102 Insectary, 491-5945, Frank.Peairs@colostate.edu)

Dr. Boris Kondratieff (003 Laurel Hall, 491-7314, Boris.Kondratieff@colostate.edu)

### **Lectures**

Course Introduction. Arthropod impacts on livestock production (economic, nuisance, etc) (Peairs)

Introduction to integrated pest management, ecological basis for arthropod management (Peairs)

Biology and recognition of livestock pests - part 1 (Kondratieff)

Biology and recognition of livestock pests - part 1 (continued) (Kondratieff)  
First pest identification quiz

Biology and recognition of livestock pests - part 2 (Kondratieff)

Biology and recognition of livestock pests - part 3 (Kondratieff)  
Second pest identification quiz

Nonchemical management (Peairs)

Chemical management, exam on pest management (Peairs)

### **Grades**

Livestock pest identification (40%): Two lab quizzes on pest identification. Extra credit will be given for properly labeled, mounted, and identified livestock pest specimens (5 points per specimen, no more than two specimens per quiz, points not awarded for two specimens of the same species).

Pest management exam (50%): Short essay answers, covering lectures on management of arthropod pests of livestock. This exam will be available on RamCT Blackboard, to be taken outside of class.

Class participation (10%)

### **Text**

No text is required, however, several livestock entomology texts are available from the instructors.