## Exam Knowledge Expectations for Qualified Applicator Certificate & Qualified Applicator License Category I – Animal Agriculture

Use these knowledge expectations (KEs) to help study the suggested material, <u>The Safe and Effective Use of Pesticides</u>, Third Edition. University of California Integrated Pest Management (UC IPM) Program, 2016 and <u>Prevention and Control of Wildlife Damage</u>, S.E. Hygnstrom, R.M. Timm, and G.E. Larson, University of Nebraska Cooperative Extension, 1994. Knowing the information from all of the KEs should prepare you for taking the exam.

## I. Pest Identification

- A. Identification, biology, management, and control of: birds, flies, fleas, ticks, lice, rodents, mosquitos, and mites.
- B. Knowledge of pest related symptom identification in livestock and poultry.
- C. Understanding of disease transmission from pests to livestock and poultry.

## II. Proper Pesticide Use

- A. Knowledge of pesticide application methods used to control pests.
- B. Knowledge of pesticides and methods used to control birds, flies, fleas, ticks, lice, mosquitos, mites and rodents.
- C. Knowledge of safe pesticide use practices including: proper application equipment, disposal methods, and how to avoid drift and environmental contamination.
- D. Knowledge of different pesticide types and formulations.
- E. Ability to read and understand pesticide labeling.
- F. Ability to compute pesticide related calculations and measurements.