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.