

ENTOMOLOGIST

NATURE OF WORK IN THIS CLASS:

Administers entomological programs and activities for the Department of Agriculture. Employees in this class work independently and may supervise the work of technical staff and other cooperating agencies involved in entomological programs.

ILLUSTRATIVE EXAMPLES OF WORK: *(These examples do not list all the duties which may be assigned; any one position may not include all the duties listed.)*

Administers, plans, direct and coordinates pest management projects and programs and pesticide and herbicide-related activities.

Identifies and classifies species of insects and allied forms on agricultural imports and materials and locally grown products.

Studies and determines insect distribution and habitat, pest eradication, and materials and locally grown products.

Studies and determines insect distribution and habitat, pest eradication, and recommends methods to control and prevent importation and spread of dangerous species.

Formulates, interprets, implements, and coordinates the enforcement of rules and regulations pertinent to plant protection and quarantine.

Coordinates with professional of other disciplines, local and federal officials on matters relating to entomology and pest management projects.

Reviews, comments and maintains records and data on all plans and activities relating to entomology, pesticides and herbicides.

Keeps abreast of current research, method and practices pertaining to entomological activities.

Participates and represents the Department in public forums, conferences and meetings.

Prepares necessary reports, publications, testimonies and position papers as required.

Performs related duties as required.

MINIMUM KNOWLEDGE, ABILITIES AND SKILLS:

Knowledge of the principles and practices of entomology.

Knowledge of the classification of species of insects and allied forms.

Knowledge of the biology of insects.

Knowledge of integrated pest management and control.

Knowledge of pesticides and their applications.

Ability to plan, direct, supervises and coordinates an integrated pest management program.

Ability to analyze research and systematic surveys to determine insect population trends.

Ability to monitor, evaluates, and assesses the effectiveness of pest control programs and preventative measures.

Ability to initiate corrective actions for effective pest management.

Ability to communicate effectively.

Ability to maintain records and prepare reports.

Skill in the safe operation of a motor vehicle.

MINIMUM EXPERIENCE AND TRAINING:

- A. Graduation from an accredited college or university with a PhD degree in Entomology or other related discipline.
- B. Graduation from an accredited college or university with a Master's degree in Entomology or other related discipline and **four (4)** years experience in entomology, integrated pest management programs, plant quarantine programs, plant pathology, herbicide use, or plant science.

NECESSARY SPECIAL QUALIFICATIONS:

- A. Possession of a certification in pesticides and herbicide use; and
- B. Possession of a valid driver's license.

ESTABLISHED: FEBRUARY 1995

AMENDED: JUNE 2005

PAY GRADE: P

HAY EVALUATION:	KNOW HOW:	F12	264
	PROBLEM SOLVING:	E4 (43%)	115
	ACCOUNTABILITY:	E1P	<u>132</u>
			511

This standard revises and supercedes the standard established FEBRUARY 1995 and amended JUNE 2005.



VERNON P. PEREZ
Executive Director
Civil Service Commission