

BOTANIST

NATURE OF WORK IN THIS CLASS:

Administers botanical 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 botanical 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, directs and coordinates the programs and projects related to the importation of plants and plant propagative materials, pest plant management, and weed eradication and control.

Identifies and classifies species and varieties of plants and allied forms in agricultural imports and materials.

Interprets and coordinates the enforcement of local, federal and international rules, regulation, laws and agreements concerning the importation and transportation of plants and plant propagative materials.

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

Seeks external funding sources to further the Department of Agriculture's invasive species initiatives and economic development programs.

Coordinates with professionals of other disciplines, local and federal officials on matters relating to botany, forestry and horticultures.

Develops and maintains the Department of Agriculture's lists of invasive, endangered and threatened plant species.

Reviews, comments and maintains record and data on all plans and activities relating to botany and horticulture.

Keeps abreast of current research, methods and practices pertaining to botanical activities and plant systematic.

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 botany and horticulture.

Knowledge of the taxonomy and systematic of plants and allied forms.

Knowledge of the biology of plants.

Knowledge of the Convention on International Trade in Endangered Species of Wild Fauna and Flora (CITES) agreement.

Knowledge of weed science and control.

Ability to monitor, evaluate, and assess the effectiveness of pest plant control programs and preventative measures.

Ability to work effectively with employees, officials of cooperating agencies, both local and federal, and the public.

Ability to supervise the work of others.

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 Botany, Horticulture or other related discipline.
- B. Graduation from an accredited college or university with a Master's degree in Botany or Horticulture or other related discipline and four (4) years experience in plant systematic, taxonomy or weed control.

ESTABLISHED: MAY 2005

PAY GRADE: P

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



VERNON P. PEREZ
Executive Director
Civil Service Commission