

AGRICULTURIST II

NATURE OF WORK IN THIS CLASS:

This is complex professional agricultural research work in the various branches of agriculture, including agronomy, plant pathology, horticulture, entomology.

Employees in this class perform the full range of complex professional duties, including independent work in specialized areas of the profession. Employees often serve as team leaders over subprofessional staff.

ILLUSTRATIVE EXAMPLES OF WORK: (Any one position may not include all the duties listed, nor do the examples cover all duties which may be performed.)

Plans and carries out breeding studies at experiment stations or farms to develop and improve varieties of field crops such as leafy, root, vine and bush vegetables with respect to yield, quality, adaptation to specific soils, and resistance to diseases and pests; introduces new plant varieties and improved methods of growing, harvesting and storing horticultural crops.

Studies and compares healthy and diseased plants to determine symptoms of diseased condition; studies rates of spread and intensity of disease; determines kinds of plants and insects that harbor or transmit disease; recommends methods of controlling pests.

Identifies and classifies species of insects and allied forms; aids in control and elimination of harmful pests; develops means to encourage growth and spread of beneficial insects; studies insect distribution and habitat and recommends methods to prevent importation and spread of injurious types.

Provides technical information to the public in the treatment of vegetable plant diseases, soil problems and related agricultural problems.

Maintains records and prepares reports.

Performs related duties as required.

MINIMUM KNOWLEDGE, ABILITIES AND SKILLS:

Knowledge of the principles, theories, practices and techniques of agriculture.

Ability to plan and carry out agricultural plant industry research studies, and to analyze and interpret results.


- Ability to interpret and apply pertinent program guidelines.
- Ability to make decisions in accordance with program guidelines.
- Ability to work effectively with employees and the public.
- Ability to communicate effectively, orally and in writing.
- Ability to maintain records and prepare reports.

MINIMUM EXPERIENCE AND TRAINING:

- A) One year of experience as an Agriculturist or equivalent work and graduation from a recognized college or university with a Bachelor's degree in Agriculture or related fields; or
- B) Any equivalent combination of experience and training beyond the Bachelor's degree which provides the minimum knowledge, abilities, and skills.

Established: July, 1980

Pay Range: 29



DAVID R. FLORES, Executive Director,
Civil Service Commission