

AGRICULTURAL RESEARCH TECHNICIAN**NATURE OF WORK IN THIS CLASS:**

This is agricultural research gardening and maintenance work involved in providing technical support and assistance to professional personnel engaged in research and experimental work in the agricultural sciences, including agronomy, soil science, horticulture, and entomology.

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 the dimensions of the plots in accordance with experimental design, determining the spacing and number of plants; mixes soil formulas for germination of seed, cuttings, transplanting of seedlings, cuttings, and planting in the field for experimental purposes; observes and reports unusual plant conditions or diseases and takes action as directed or standardized; harvests crops taking measurements and recording yield data and grading products into standard groups.

Observes and reports field problems related to soil profile, and assists in preparing and processing samples for laboratory work; maintains environmental conditions for growth.

Operates light and moderately heavy agricultural and laboratory equipment and tools.

Performs minor building construction and maintenance work.

Maintains records and prepares reports.

May lead the work of subordinate agricultural gardeners.

Performs related duties as required.

MINIMUM KNOWLEDGE, ABILITIES, AND SKILLS:

Knowledge of agricultural gardening tools, techniques, and practices.

Ability to observe and record data accurately.

Ability to follow oral and written instructions.

Ability to perform arithmetic computations.

Ability to perform minor building construction and maintenance work.

Ability to work effectively with employees and the public.

Ability to communicate effectively, orally and in writing.

Skill in the safe operation of light and moderately heavy agricultural gardening equipment.

MINIMUM EXPERIENCE AND TRAINING:

- A) Two years of experience in performing agricultural gardening and maintenance work; or
- B) Any equivalent combination of experience and training which provides the minimum knowledge, abilities, and skills.

NECESSARY SPECIAL QUALIFICATIONS:


- A) Possession of certification for application of restricted pesticide.
- B) Possession of a valid chauffeur's license.

This standard revises and supersedes the Agricultural Research Technician standard issued in July 1982.

Established: July 1980

Amended: July 1982; October 1988

Wage Range: 22


NORMA J. AFLAGUE
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