

ENTOMOLOGIST

CODES/PAY RANGE

Class Code: 4523

EEO Code: B

Pay Range: 211

MAJOR FUNCTION

Responsible technical, professional, and supervisory work in the conduct of the entomological phase of the mosquito control program.

ILLUSTRATIVE DUTIES

(NOTE: These are intended only as illustrations of the various types of work performed. The omission of specific duties does not exclude them from the position if the work is similar, related, or a logical assignment to the position.)

Coordinates and supervises all aspects of arthropod disease vector surveillance and control in all areas of the County.

Develops, plans and coordinates systems of mosquito larvae and adult population measurement.

Plans and presents education programs on mosquito control at public meetings. Conducts and supervises training of students, individually and in public school groups, on mosquito related matters.

Conducts field tests to determine efficiency of insecticides and investigates resistance of mosquitoes to insecticides being used. Evaluates all ULV spray equipment as to label compliance for ULV droplet spectra.

Works with and provides consultation on biology, entomology and mosquito control matters with District employees, other County divisions, as well as with State and Federal agencies.

Identifies mosquitoes and other arthropods and prepares reports and analysis of district's entomological programs.

Performs related work as required.

KNOWLEDGE, ABILITIES AND SKILLS

Knowledge of entomological principles and techniques as applied to the identification and control of larvae and adult mosquitoes.

(Entomologist continued)

Ability to plan, organize, and supervise the entomological program of a large mosquito control program. Ability to communicate effectively with the public officials and mosquito control workers. Ability to develop knowledge of division rules and procedures for mosquito control inspections, and larviciding operations with ground equipment, for ULV insecticidal application for adult mosquito control with ground equipment and for airborne mosquito control operations. Ability to develop knowledge of all operational procedures of the mosquito control program.

MINIMUM QUALIFICATIONS

Bachelor's degree in Entomology or Biology and one (1) year of experience in medical entomology or disease vector surveillance and control. Possession of a valid Florida Driver's License.

Within six (6) months of appointment, must be examined and certified in Public Health Pest Control.

A comparable amount of education, training, or experience may be substituted for the minimum experience.

ADA REQUIREMENTS

Physical Demands: Light to medium work. Ability to see, hear, walk, stand, lift (30 lbs.), carry, reach, kneel, sit, bend, crouch. Ability to traverse uneven, broken or wet terrain including wooded/marshy land.

Environmental Demands: Outside work. Ability to tolerate inclement weather including rain, heat, cold, humidity. Exposure to salt water, water, chemicals, odors, fumes, poisonous and toxic plants and snakes, biting insects.

Mental Demands: Ability to perform shop math and general mathematical functions including ratio and percentages. Ability to read and comprehend technical and scientific manuals and journals; abstracts, procedures, safety instructions, periodicals. Ability to speak publicly; conversant to layman in theory and practices of discipline. Ability to write reports, speeches, summaries, reports, letters.

Revised 10/94