

PESTICIDE SPECIALIST I

DESCRIPTION OF WORK

This is technical work in the registration of agricultural and non-agricultural pesticides for sale and/or use in North Carolina.

Employees review and evaluate registration application, product, labels, and data relating to efficacy, toxicology, residues, metabolism, and environmental safety prior to approval of the sale or use of pesticide products in North Carolina. Responsibilities include issuance of experimental permits, special local need registration, and issuance and follow-up on stop-sale orders. Work is performed under the general supervision of a higher-level pesticide specialist and is evaluated through informal discussions and conferences.

EXAMPLES OF DUTIES PERFORMED

Reviews and evaluates registration applications and product labels; interprets data pertaining to toxicology, efficacy, application rates, environmental safety, residues, metabolism; determines effectiveness of products with regard to recommended usage.

Corresponds with registrants on such matters as revision of labels and the need for additional supportive data.

Issues stop-sale orders on unregistered, misbranded, adulterated or deficient pesticides; takes necessary follow-up action.

Participates in program development in such areas as the display, storage and disposal of pesticides.

Serves as a consulting member of the Pesticide Advisory Committee; provides input to proposed additions and revisions in the law, rules and regulations.

Performs related duties as required.

RECRUITMENT STANDARDS

Knowledges, Skills, and Abilities

Considerable knowledge of State and Federal laws and regulations pertaining to pesticides.

Considerable knowledge of chemistry, toxicology, properties and uses of pesticides, and environmental considerations.

Considerable knowledge of agricultural practices in the State.

Considerable knowledge of pesticide application and storage equipment.

Ability to analyze and interpret data relating to pesticides.

Ability to present and explain programs and policies relating to pesticides.

Ability to establish and maintain an effective working relationship with other agencies, pesticide manufacturers, dealers and users.

Minimum Education and Experience

Bachelor's degree in entomology, plant pathology, plant physiology, horticulture, chemistry, agronomy, biology, zoology, soil science, crop science, animal science, environmental or ecological science or a related scientific field of study from an appropriately accredited institution and two years of related experience in regulatory or government service programs, cooperative extension programs or agricultural research or industry; or an equivalent combination of education and experience.

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Minimum Education and Experience for Trainee Appointment

Bachelor's degree in entomology, plant pathology, horticulture, chemistry, agronomy, biology, zoology, soil science, crop science, animal science, environmental or ecological science or a related scientific field of study from an appropriately accredited institution; or an equivalent combination of education and experience.

Special Note – This is a generalized representation of positions in this class and is not intended to identify essential functions per ADA. Examples of work are primarily essential functions of the majority of positions in this class, but may not be applicable to all positions.