

A. MAJOR DUTIES

Typical, but not all-inclusive, tasks are as follows:

Raises insects. Determines the type of media, feed, and liquids required; prepares them and places them in incubator or other rearing facility. Selects the proper light temperature, and humidity conditions. Transfers adults to holding cages.

May collect samples of insects from natural sources. Determines the location and the types of trap and lure required. Identifies, separates, and counts common specimens captured.

Separates insects into categories such as species, strain, sex, age, stage of development, and controls them to prevent their escape or intermingling.

Plans, sets up, and cares for experimental plots.

Observes insect collections for sign of disease, effects of insecticides, or other experimental drugs. Reports observations to supervisor or specialist.

B. FACTORS

1. SKILL AND KNOWLEDGE

In-depth knowledge of the characteristics of insects and their maintenance requirements. For example, know their normal colors, size, and shapes in their different development stages, their reproduction methods, and the feed, space, and environmental conditions required for healthy colonies.

Ability to plan and set up cages and experimental plots according to the number and type of species to be maintained.

Ability to recognize signs of disease or effects of insecticides or other drugs such as refusal to feed, abnormal activity, small size, change in reproduction rates, or growths on specimens.

2. RESPONSIBILITY

The employee receives assignments from the supervisor or specialist. Completes the work according to accepted methods or special instructions. Employee decides such things as the proper type and amount of feed and liquids, and makes

judgments regarding the welfare of the insect collections cared for. Work is checked for adherence to accepted work methods and specific instructions.

3. PHYSICAL EFFORT

Constant standing and walking on concrete floors and moderate physical effort to lift and push wheeled tray, racks, and equipment.

4. WORKING CONDITIONS

The work is generally performed inside in temperature and humidity controlled areas. Employee is subject to disagreeable odors, insect bites and stings, and dangers from contact with insecticides.

C. Other Considerations (Check if applicable)

- Supervisory Responsibilities (EEO Statement)
- Training Activities - Career Intern, Student Career Experience Program
- Motor Vehicle or Commercial Driver's License Required
- Pesticide Applicators License Required
- Safety/Radiological Safety Collateral Duties
- EEO Collateral Duties
- Drug Test Required
- Vaccine(s) Required
- Financial Disclosure Required
- Special Physical Requirements/Demands
- Other:

September 24, 1996