Classification and Qualification

Crop Technician II

Class Code 0651
Date Established 04-30-76
Date Revised 01-01-78
Occupation Index Reference A-2

DEFINITION:

Under general supervision, supervises or performs all work activities performed in the production of crops in an assigned specialty (e.g., orchards, vineyards, etc.) or general field crops such as cotton, corn, wheat, etc.; assists instructional faculty in the setting up and conducting of laboratory classes related to the specialty crop; and provides advice and guidance to students working on enterprise projects.

DISTINGUISHING CHARACTERISTICS:

The Crop Technician II is distinguished from the Crop Technician I on the basis that the Crop Technician II class typically includes responsibility for supervising a small number of employees, performing work assignments with a greater degree of independence and providing advice and guidance to students working on enterprise projects. The Crop Technician I, on the other hand, supervises other employees only on an occasional basis, performs crop production work under direct supervision and has only limited contact with students.

Examples of Typical Activities:
Incumbents of positions in this class supervise or perform all work activities related to the production of crops in a specialty area or general field crop area. The Crop Technician II provides assistance to faculty members in the conducting of laboratories by setting up equipment and test plots, collecting and organizing specified materials (crop specimens) for use in the laboratory and by performing laboratory demonstrations. Incumbents in this class also are responsible for providing advice and guidance to students working on enterprise projects and for serving as resource persons in the resolution of problems related to the practical aspects of crop production.

Incumbents of positions in this class requisition supplies and materials required in the operation of the crop specialty or general farm unit and maintain expense, crop production, chemical use, irrigation, crop rotation, and other farm management records.

MINIMUM QUALIFICATIONS:

Knowledges and Abilitilies:
Thorough knowledge of the practical application of the principles, methods and techniques of soil preparation, planting, harvesting and chemical use, thorough knowledge of the operation and use of farm machinery and other equipment employed in the production of crops; general knowledge of the hazards of equipment operation and chemical use, and safety rules pertaining to crop production activities.
pertaining to crop production activities.

Ability to supervise the work of skilled, semi-skilled and unskilled personnel in the accomplishment of farm labor duties; ability to operate a variety of farm vehicles and related machinery in the cultivation, planting, weed and pest control, and harvesting of crops; ability to maintain records relating to crop production, time worked, chemical use, etc.; ability to coordinate the practical aspects of crop production with academic programs and the student learning process; ability to aid students working on enterprise projects in the resolution of crop production problems.

and

Experience:
Three years of progressively responsible experience in the production of field, garden, vegetable or specialty crops (orchards, vineyards, feed crops, etc.).

and

Education:
Equivalent to 60 semester or 90 quarter units of academic work at a recognized college or university, including agriculture and science courses applicable to the production of general field and specialty crops. (Additional specialized experience which has demonstrated that the applicant has acquired and successfully applied the knowledges and abilities shown above may be substituted for the required education on the basis of one year of experience for each 30 semester or 45 quarter units of accredited college work.)

Work Week Group: 4B
Premium O/T: No
Shift Differential: No
Employee Category: Non-Academic