

## AgriLife Classification Description

7153  
RESEARCH CHEMIST

### *SUMMARY*

**General Description:** Performs support research on plants which may include some independent projects. Will also be responsible for maintaining laboratory operations, purchasing and budgeting.

### *DUTIES*

**Typical:** Is responsible for extracting, purifying and assaying plant hormones, using blenders, internal stable-isotope and radioactive standards, column chromatography, HPLC, derivatization and mass spectrometry. Will especially use this knowledge with gibberlins. Provides general laboratory work, planting, care and harvesting of plants and processing plant samples. Conducts independent projects to improve chemical procedures. Responsible for laboratory administration such as purchasing and record keeping.

### *EDUCATION*

**Required:** Bachelor of Science in Chemistry and 1 year experience in analytical chemistry with natural products at trace levels qualified for work with radioactive compounds.

### *KNOWLEDGE, ABILITIES AND SKILLS*

**Required:** Ability to conduct column and high performance liquid chromatography.