



**NORTH DAKOTA  
CLASS DESCRIPTION**

ND Human Resource Management Services  
Phone: (701) 328-3290

Class Code: 6391

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**POTATO SEEDSTOCKS AND DIAGNOSTIC LABORATORY SPECIALIST**

GRADE L

**SCOPE OF WORK:**

Work involves managing minituber production and supervising and providing diagnostic laboratory testing services at the North Dakota State Seed Department.

**DUTIES PERFORMED:**

- Manage potato seedstocks tissue culture laboratory and tissue culture bank in a sterile environment to maintain disease free, genetically pure lines.
- Order supplies for tissue culture laboratory, greenhouse, and diagnostic laboratory.
- Solicit minituber orders from potato growers and manage tissue culture laboratory cutting schedule to meet orders.
- Plan and execute greenhouse planting and production based on orders, season, history, and storage and delivery requirements to maintain genetic purity and quality.
- Monitor greenhouse computer system and make necessary adjustments to ensure proper growing conditions for production of high quality seed stocks.
- Plan and supervise harvest, grading, and storage of greenhouse minituber production.
- Schedule and coordinate shipping and delivery of minitubers.
- Perform viral, bacterial, and other tests for a variety of crops; analyze and record results and distribute data to growers or other interested parties.
- Evaluate and implement new methods and procedures in testing and production.
- Hire, train, schedule, supervise, and evaluate staff.
- Collect, evaluate, record, and report data; maintain records and prepare various reports to ensure quality and provide documentation for sale of minituber production.
- Monitor, track, analyze, schedule, report, and bill tissue culture and greenhouse production.
- Represent the State Seed Department at national and state trade shows and meetings.

**NOTE:** The duties listed are not intended to be all-inclusive. Duties assigned any individual employee are at the discretion of the appointing authority.

MINIMUM QUALIFICATIONS:

Requires a bachelor's degree in plant pathology, plant physiology, plant sciences, or other closely related science degree and three years of laboratory or tissue culture work experience.

Eff. Date: 09/00

Rev: 07/12 – Conversion to Hay System

Rev: 12/13 – Updated title, scope, duties, and minimum qualifications