

STATE OF NEBRASKA CLASS SPECIFICATION
AGRICULTURE SEED ANALYST

EST: 09/78 – REV: 10/10
CLASS CODE: M53653

DESCRIPTION: Under general supervision, performs technical work in the Seed Laboratory of the Department of Agriculture; performs analytical tests including purity analyses, germination and tetrazolium testing and evaluates test results; performs related work as assigned.

DISTINGUISHING CHARACTERISTICS: (A position is assigned to this class based on the scope and level of work performed as outlined below.)

This is the first classification level of two in the Agriculture Seed Analyst class series (Agriculture Seed Analyst and Agriculture Senior Seed Analyst). Positions in this class perform work at the full performance level. Positions allocated to the Agriculture Senior Seed Analyst class are assigned difficult and more advanced tests and serve as a lead worker over Agriculture Seed Analyst incumbents.

EXAMPLES OF WORK: (A position may not be assigned all the duties listed, nor do these examples include all the duties that may be assigned.)

Receives, logs and labels seed samples submitted for testing.

Prepares seed samples for testing and analysis.

Performs purity tests on all seeds to determine percentage of weight of pure seed, crop seed, inert matter and weed seed.

Performs germination work on seed samples received.

Performs tetrazolium and other special tests under supervision of a Senior Analyst or Laboratory Supervisor.

Analyzes and interprets results from tests performed; documents and records test results.

Maintains records and reports.

Attends seed schools and seminars as required.

KNOWLEDGE, SKILLS AND ABILITIES REQUIRED: (These are needed to perform the work assigned.)

Knowledge of: uses of chemicals and their interactions; plant organisms, their tissues, cells, functions and interactions with each other and the environment; basic math skills including addition, subtraction, multiplication and division.

Skill in: listening to and understanding information and/or instructions to carry out assigned tasks; communicating effectively to relay information.

Ability to: learn and apply laboratory policies and procedures; operate and maintain testing instruments and equipment; deploy good eye/hand coordination to perform testing; prepare basic records and reports.

M53653 – AGRICULTURE SEED ANALYST (continued)

MINIMUM QUALIFICATIONS: (Applicants will be screened for possession of these qualifications. Applicants who need accommodation in the selection process should request this in advance.)

Two years experience in purity and/or germination work in a seed testing laboratory. Post high school coursework/training in agronomy, plant science, seed technology, agriculture or closely related field may be substituted for laboratory experience on a year-for-year basis.

SPECIAL NOTE:

State agencies are responsible to evaluate each of their positions to determine their individual overtime eligibility status as required by the Fair Labor Standards Act (FLSA).