

SECTION 731 FERTILIZING

731.1 DESCRIPTION

This work consists of furnishing and applying fertilizer material on areas to be seeded or sodded.

731.2 MATERIALS

- A. Requirements:** Fertilizer shall be a dry standard commercial product conforming to the South Dakota Fertilizer Law and subsequent amendments or revisions. Each brand and grade of fertilizer must be registered with the State Department of Agriculture. Each bag or container shall clearly show the net weight of the contents, the name and address of the manufacturer, the brand and grade, the guaranteed analysis of the contents showing the minimum percentages of total nitrogen, phosphoric acid, and water soluble potash available, in that order.
- B. Condition:** Fertilizer shall be in a condition which permits proper distribution.
- C. Testing:** Testing of fertilizer will not be required. Before fertilizer is approved for use, the Contractor shall submit a certified statement from the manufacturer stating that the fertilizer is registered for sale in South Dakota and complies with the South Dakota Fertilizer Law. The certified statement shall include the name of the Contractor, the project number, the county, and all information that appears on the containers, as listed in Section 731.2 A.

731.3 CONSTRUCTION REQUIREMENTS

- A. Application:** Fertilizer shall be applied not more than 48 hours prior to seeding. Fertilizer shall be applied by one of the following methods:
 - 1. With a fertilizer attachment on the drill, which will place the fertilizer in a band on or near the drill row behind the openers during the drilling operations (preferred method).
 - 2. By drilling in with an approved drill prior to seeding.
 - 3. By spreading the fertilizer uniformly over the areas to be seeded prior to or during seedbed preparation (before final pass). This method will not be acceptable when seedbed preparation is not required.
 - 4. Where the seed is sown by a hydraulic seeder, the required amount of fertilizer may be placed in the tank, mixed together with the water and the seed and applied in the seeding operation.
 - 5. By hand operated broadcaster following sod installation.

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- B. Cleanup:** Clods and stones having a vertical projection of three inches (75 mm) or more above the soil surface and other foreign materials brought to the surface shall be removed.
- C. Refertilizing:** Prior to acceptance of the project, any area on which the original fertilizer has been lost or displaced, shall be refertilized.

731.4 METHOD OF MEASUREMENT

Fertilizing will be measured to the nearest 0.01 ton (0.01 metric ton) **or as specified in the plans.**

Refertilizing of areas damaged by causes beyond the control of the Contractor will be measured and added to the original quantity used.

731.5 BASIS OF PAYMENT

Fertilizing will be paid for at the contract unit price per ton (metric ton). Payment will be full compensation for furnishing, hauling, placing, labor, equipment, materials, tools, and incidentals necessary.