621-R-800 SEEDING AND SODDING

(Revised 10-15-26)

The Standard Specifications are revised as follows:

SECTION 621, AFTER LINE 13, INSERT AS FOLLOWS:

Biodegradable Net Free Erosion Control Blanket ..... 914.05(a)7
Fertilizer..... 914.03

SECTION 621, BEGIN LINE 30, DELETE AND INSERT AS FOLLOWS:

621.03 Preparation of Ground Before Seeding

The area to be seeded shall be made smooth and uniform and shall be in accordance with the finished grade and cross-section shown on the plans or as otherwise designated and shall be trimmed in accordance with 210. The seed bed, if not loose, shall be loosened to a minimum depth of 3 in. before fertilizer or seed is applied. ~~In areas of excessive vehicular traffic, such as parking of construction equipment near a bridge repair, the soil shall be loosened to a minimum depth of 6 in.~~

Areas to be covered with topsoil shall be milled or disked slightly before the topsoil is placed. A disk, spike-toothed harrow, or other similar device may be used for this purpose. Such loosening will be required to ensure ~~bond of~~ the topsoil *bonds* with the surface on which it is placed and to form a uniform surface. The topsoil shall then be spread to a sufficient depth to produce the ~~thickness~~ specified *thickness* after it has been compacted lightly with an approved roller, tamping device, or other method. *The topsoil shall be loose enough that the tread of a person's boot shows when walking on the soil but shall not be so loose as to allow more than 1/2 in. of total compaction.*

SECTION 621, BEGIN LINE 54, DELETE AND INSERT AS FOLLOWS:

621.05 Applying Fertilizer, Seed, and Mulch

(a) Fertilizer

Fertilizer as specified shall be spread uniformly over the area to be seeded. Fertilizer shall be spread at the rate of ~~800~~*400* lb/ac unless otherwise specified.

(b) Seed

~~Seed may be drilled in or mixed with water. The mixture shall be sprayed over the area to be seeded. An approved mechanical method which shall place the seed in direct contact with the soil may be used. In places inaccessible to mechanical equipment, or where the area to be seeded is small, a hand operated cyclone seeder or other approved equipment may be used. Seed of warm season grasses, forbs, or aquatic species shall not be covered more than 1/8 in. All other seed shall not be covered more than 1/2 in.~~*Seed shall be applied in a manner that results in uniform distribution of seed in which seed to soil contact at the optimal seed depth is attained necessary for the germination of the species being planted.*

SECTION 621, AFTER LINE 220, INSERT AS FOLLOWS:

(h) Biodegradable Net Free Erosion Control Blanket

Biodegradable Net Free Erosion Control Blanket, BNFECB, may be used for mulch for seeding on projects where mulched seeding is specified or where erosion control blanket is specified. When required in permits issued by the COE, IDEM, or IDNR, a

BNFECB shall be used to hold the mulch in place. The ground shall be prepared in accordance with 621.04. After the area has been properly shaped, fertilized, if specified, and seeded, the BNFECB shall be installed in accordance with manufacturer's recommendations. BNFECB shall be placed within 24 h after seeding operations have been completed.

SECTION 621, BEGIN LINE 281, DELETE AND INSERT AS FOLLOWS:

621.07 Mulched Seeding

Mulched seeding, when specified, shall consist of applying the seed mixtures in accordance with 621.06(a), 621.06(b), 621.06(c), and 621.06(d) as specified. This mixture shall include fertilizer and mulching material in the amounts set out herein. If erosion control blanket is specified, the Contractor ~~will be allowed to~~*shall* use *one of the following* excelsior blanket, paper mat, ~~or~~ straw mat*, wood cellulose fiber mulch, or BNFECB* in accordance with 621.05(d), 621.05(e), ~~or~~ 621.05(f), *621.05(g), or 621.05(h),* respectively.

SECTION 621, BEGIN LINE 362, INSERT AS FOLLOWS:

621.13 Method of Measurement

Fertilizer and mulching material will be measured by the ton. Seed mixtures will be measured by the pound. Spring Summer Cover Crop and Fall Cover Crop seed mixtures used in conjunction with seed mixture Floodplain will not be measured for payment. Topsoil will be measured by the cubic yard in accordance with 211.09. Mulched seeding and sodding will be measured by the square yard. *BNFECB, when required as a condition of a permit, will be measured by the square yard.* Water will be measured by the 1,000 gal. Mobilization and demobilization for seeding will be measured per each trip, when directed, to the project site. "Do Not Spray" signs will be measured by the number of signs installed.

SECTION 621, AFTER LINE 372, INSERT AS FOLLOWS:

621.14 Basis of Payment

The accepted quantities of fertilizer and mulching material, furnished and delivered complete in place, will be paid for at the contract unit price per ton, except as set out below for sodding. Seed mixtures will be paid for at the contract unit price per pound for the class and type specified. Mulched seeding will be paid for at the contract unit price per square yard for the class and type specified, complete in place. *BNFECB, when required as a condition of a permit, will be paid for at the contract unit price per square yard, complete in place.* Topsoil will be paid for at the contract unit price per cubic yard. Sodding and nursery sodding will be paid for at the contract unit price per square yard, complete in place. "Do Not Spray" signs will be paid for at the contract unit price per each.

SECTION 621, AFTER LINE 392, INSERT AS FOLLOWS:

Biodegradable Net Free Erosion Control Blanket .....SYS

SECTION 621, AFTER LINE 418, INSERT AS FOLLOWS:

If BNFECB is used but is not required as a condition of a permit, it will be paid for as Erosion Control Blanket.