

SEEDING AND MULCHING:

(East)

(11-21-06)

The kinds of seed and fertilizer, and the rates of application of seed, fertilizer, and limestone, shall be as stated below. During periods of overlapping dates, the kind of seed to be used shall be determined. All rates are in pounds per acre.

All Roadway Areas

March 1 - August 31		September 1 - February 28	
50#	Tall Fescue	50#	Tall Fescue
10#	Centipede	10#	Centipede
25#	Bermudagrass (hulled)	35#	Bermudagrass (unhulled)
500#	Fertilizer	500#	Fertilizer
4000#	Limestone	4000#	Limestone

Waste and Borrow Locations

March 1 - August 31		September 1 - February 28	
75#	Tall Fescue	75#	Tall Fescue
25#	Bermudagrass (hulled)	35#	Bermudagrass (unhulled)
500#	Fertilizer	500#	Fertilizer
4000#	Limestone	4000#	Limestone

Note: 50# of Bahiagrass may be substituted for either Centipede or Bermudagrass only upon Engineer's request.

Approved Tall Fescue Cultivars

Adventure	Chieftain	Jaguar	Rebel Jr
Adventure II	Coronado	Jaguar III	Renegade
Amigo	Crossfire II	Kentucky 31	Safari
Anthem	Debutante	Kitty Hawk	Shenandoah
Apache	Duster	Monarch	Tempo
Apache II	Falcon	Montauk	Titan
Arid	Falcon II	Mustang	Tomahawk
Austin	Finelawn	Olympic	Trailblazer
Bonanza	Finelawn I	Pacer	Tribute
Bonanza II	Finelawn Petite	Phoenix	Vegas
Brookstone	Genesis	Pixie	Wolfpack
Bulldog 51	Grande	Pyramid	Wrangler
Chapel Hill	Guardian	Rebel	
Chesapeake	Houndog	Rebel II	

On cut and fill slopes 2:1 or steeper Centipede shall be applied at the rate of 5 pounds per acre and add 20# of Sericea Lespedeza from January 1 - December 31.

Fertilizer shall be 10-20-20 analysis. Upon written approval of the Engineer, a different analysis of fertilizer may be used provided the 1-2-2 ratio is maintained and the rate of application adjusted to provide the same amount of plant food as a 10-20-20 analysis.

Temporary Seeding:

Fertilizer shall be the same analysis as specified for “Seeding and Mulching” and applied at the rate of 400 pounds (450kg) and seeded at the rate of 50 pounds per acre (55kg per hectare). Kobe or Korean Lespedeza, German Millet, or Browntop Millet shall be used in summer months and rye grain during the remainder of the year. The Engineer will determine the exact dates for using each kind of seed.

Fertilizer Topdressing:

Fertilizer used for topdressing shall be 16-8-8 grade and shall be applied at the rate of 500 pounds per acre (560 kg per hectare). Upon written approval of the Engineer, a different analysis of fertilizer may be used provided the 2-1-1 ration is maintained and the rate of application adjusted to provide the same amount of plant food as 16-8-8 analysis.

Supplemental Seeding:

The kinds of seed and proportions shall be the same as specified for “Seeding and Mulching”, and the rate of application may vary from 25# to 75# per acre (28kg to 85kg per hectare). The actual rate per acre (hectare) will be determined by the Engineer prior to the time of topdressing and the Contractor will be notified in writing of the rate per acre (hectare), total quantity needed, and areas on which to apply the supplemental seed. Minimum tillage equipment, consisting of a sod seeder shall be used for incorporating seed into the soil as to prevent disturbance of existing vegetation. A clodbuster (ball and chain) may be used where degree of slope prevents the used of a sod seeder.

Mowing:

The minimum mowing height on this project shall be six inches (150 mm).

BASIS OF PAYMENT:

Except for temporary silt fence, payment for all erosion control, including seeding and mulching, temporary seeding, fertilizer topdressing, matting for Erosion Control and supplemental seeding will be included in the lump sum price bid for “Erosion Control”.

Temporary silt fence will be paid for at the contract unit price per linear foot for “Temporary Silt Fence”.