

VEGETATIVE STABILIZATION SEEDING



Break up any compacted soils. Work in lime and organic fertilizer to create a favorable rooting depth. Apply seed uniformly.



Provided to you by Calcasieu Parish
Police Jury Environmental Department



USE: Establish perennial, vegetative cover in areas of bare soil for stabilization.

DESIGN CRITERIA:

- For all sites, except those located in arid or semi-arid areas, provide established uniform vegetation (evenly distributed without large bare areas), which provides 70 percent or more of the density of coverage that was provided by vegetation prior to commencing construction. For final stabilization, vegetative cover must be perennial.
- For sites located in arid, semi-arid, or drought stricken areas, the area of exposed soil must be seeded so that within 3 years, 70 percent or more of the density of coverage that was provided by vegetation prior to commencing earth-disturbing activities is established.

INSTALLATION:

- Soil should be capable of supporting permanent vegetation.
- Where compacted soils occur, they should be broken up sufficiently to create a favorable rooting depth of 6-8 inches. Organic compost can serve as a viable soil amendment. If compost is used, make sure to use well decomposed, stable, weed free organic matter source. Avoid the use of invasive species in seed stock.
- Rake soil surface smooth prior to seeding, sprigging, sodding, or hydroseeding.
Install any erosion control practices, such as diversions or berms, to protect the seeded area.
Spread lime and fertilizer as needed and appropriate for the soil type. To minimize discharges of nutrients in stormwater, apply fertilizers at a rate and in amounts consistent with manufacturer's specifications and at the appropriate time of year for your location. Immediately after seeding the area, to the extent necessary to prevent erosion of the seeded area, install non-vegetative stabilization measures to protect the area during growth of the vegetation. Follow the appropriate installation requirements and other specifications for such measures at Non-Vegetative Stabilization - Erosion Control Blankets or Turf Reinforcement mats and Non-Vegetative Stabilization - Mulching. For arid, semi-arid, and drought-stricken areas, the non-vegetative cover must be designed to last 3 years without active maintenance. Water as necessary to ensure proper seed germination. Avoid excessive watering, which can result in washing seeds away or in seed clumping.

MAINTENANCE:

Inspect all seeded areas for failures and make necessary repairs, replacements, reseeding, and remulching within the planting season. If vegetation is inadequate to meet the 70 percent cover criteria, reseed, fertilize, and remulch. Water as necessary.