

**ROADSIDE DEVELOPMENT SEEDING FOR ACTIVE CONSTRUCTION - Piedmont REGION - WorkSheet for Roadside Managers**

**PROJECT:**

Seed Selection within Nutrient Management Guidelines: **Step 1.** Determine if the site will be seeded in the Dormant or Growing Period. Seeding of CORE MIX will be most effective if completed from March 15 to May 31 and Aug 1 through Oct 31, as these are periods of optimal establishment for cool season grasses. Over-seeding should be completed during this time of optimal establishment. If the project schedule dictates regular seeding during the Dormant Period or June - July then the establishment of the turf may be hindered. A Dormant Period Temporary Seeding mix should be used during the dormant period and may be used in the August through October period, based on weather and field conditions.

PPMS#

DATE:

ISSUED BY:



Approximately \_\_\_\_\_ Acres will be disturbed on this project and will require the establishment of **persistent and perennial grasses and/or legumes.**

Step 2. Determine if the site will be seeded with a Permanent Seed Mix or Temporary Seed Mix within each Period (Shading indicates best time of year to plant).

**Temporary Seed Mix**

**Dormant Period Seeding**

Code	Ibs/A	Description
D-1	100	20% Barley, Cereal Rye(Secale Cerial) or Winter Wheat & Fescue 80% Certified Tall
D-2	10	100% Barley, Cereal Rye(Secale Cerial) or Winter Wheat
D-3		

**Growing Period Seeding**

Code	Ibs/A	Description
G-1	100	20% Foxtail Millet & Certified Tall Fescue 80%
G-2		

NOTE: The temporary seed, as directed by the Engineer, is to be used only on areas that are to be regraded, later disturbed or left dormant for more than 15 days.

Lime may be applied, fertilizer can be applied at 50% of Nutrient Management Rate. Fertilizer shall **NOT** be applied when the ground is frozen.

**Erosion Control Mulch**, as directed by the Engineer, is to be used on areas that are to be left dormant for more than 15 days between Dec 1 and February 29.

Erosion Control Mulch, as listed on the "VDOT Approved Product List," shall be applied in accordance with the manufacture's recommendations. Erosion Control Mulch (or approved method) shall provide 100% coverage of all denuded areas of land.

**Permanent Seed Mix for Regular Seeding and Over Seeding (Core Mix)**

Code	Ibs/A	Description
1	70	100% Certified Fine Fescue (Chewings, Creeping Red, Hard or Sheep)
2	100	100% Certified Tall Fescue
3	100	50% Certified Fine Fescue (Chewings, Creeping Red, Hard or Sheep) & 50% Certified Tall Fescue
4		
5	0	No Natives
6	40	*100% Bermuda hulled or un-hulled
7		

**Over Seeding Note:** Use 100% of seed mixture supplied. The Engineer will require the contractor to perform over seeding when the density of the persistent perennial cover is between 50-75%. Recommendations for the application of seed mixtures, fertilizer, lime, etc are to be obtained from the District Roadside Manager if less than 50% ground cover density of a persistent perennial cover as specified in the seeding mixture is obtained.

\*Must be hulled if planted in the Growing Period, and un-hulled if planted in the Dormant Period.

**Nurse and Companion Species (Additives)**

Code	Ibs/A	Description
A	10	100% Barley, Cerial Rye (Secale cereal) or Winter Wheat (Dormant Period Nurse Crop)
B	10	100% Foxtail Millet (Growing Period Nurse Crop)
C	30	**100% Crown Vetch* (Companion)
D	10	**100% Sericia Lespedeza* (Companion)
E	10	100% Birdfoot Trefoil* (Companion)
F	10	100% White Clover* (Companion)
G	20	**100% Weeping Lovegrass
H		

A **Nurse** crop is annual species such as rye and millet are temporary varieties and are not considered permanent vegetative cover.

A **Companion** species is perennial grass and/or legumes added to the Permanent Seed Mix to enhance the probability of establishing a vegetative cover.

\*Legumes should be planted in the spring, and fertilizer should be applied at the Nutrient Management Rate. Legume seed shall be inoculated with the appropriate strain and rate of bacteria. For hydroseeding, use three times the dry seeding rate of inoculant. Sericia lespedeza seed must be hulled if planted in the Growing period, and un-hulled if planted in the Dormant period.

\*\*To be seeded on sites with greater than 3:1 slope and other area that is designated as an area that will not be mowed. Other legumes or listed companion species can be seed on non-mow and mow areas.