



Seeding Mix for Temporary Stabilization

Applicability:

All disturbed portions of GEC permitted sites that will remain idle for 60 days or longer must be seeded and mulched per SCM requirements. Sites that will remain idle 60 days – 1 year must be seeded with the Temporary Stabilization Seed Mix identified in Table 5.0(T) below. If those disturbed portions of a site are anticipated to remain idle or dormant for greater than one year, the Permanent Seed Mix identified in Tables 5.1(T) or 5.2(T) below shall be used, **with the addition of up to 20% annual Italian Ryegrass** for quick soil stabilization. All other revegetation requirement specified in Chapter 5 of the SCM shall apply.

Table 5.0(T)

(For Temporary Seeding when site is idle for more than 60 days but less than 1 year)

Common Name	Scientific Name	Plant Type	% of Mix	Seeding Depth (inches)		Unirrigated Broadcast Recommended Seeding Rate (lbs per acre)
				Min	Max	
Triticale, winter	<i>Triticum aestivum</i> x <i>Secale cereale</i>	Cool season cover crop, winter annual	30	0.50	1.50	21.0
Millet, Proso	<i>Panicum miliaceum</i>	Warm season cover crop	30	0.50	0.75	6.0
Ryegrass, annual, Italian	<i>Lolium perenne</i> ssp. <i>multiflorum</i>	Cool season cover crop	20	0.25	0.50	1.6
Oat, spring	<i>Avena sativa</i>	Cool season cover crop	20	1.00	2.00	10.0



Table 5.1(T): El Paso County Conservation District All-Purpose Mix for Upland and Transition Areas

(For Temporary Seeding when site is idle longer than 1 year)

Note: Up to 20% Annual Italian Ryegrass can be added to mix.

Common Name	Scientific Name	Growth Season / Form	% of Mix	Pounds PLS		
				<ul style="list-style-type: none"> • Irrigated broadcast • Irrigated hydroseeded 80 seeds/sq ft	<ul style="list-style-type: none"> • Non-irrigated broadcast • Non-irrigated hydroseeded • Irrigated drilled 40 seeds/sq ft	<ul style="list-style-type: none"> • Non-irrigated drilled 20 seeds/sq ft
Bluestem, big	<i>Andropogon gerardii</i>	Warm, sod	20	4.4	2.2	1.1
Grama, blue	<i>Bouteloua gracilis</i>	Warm, bunch	10	0.5	0.25	0.13
Green needlegrass ²	<i>Nassella viridula</i>	Cool, bunch	10	2	1	0.5
Wheatgrass, western ²	<i>Pascopyrum smithii</i>	Cool, sod	20	6.4	3.2	1.6
Grama, sideoats	<i>Bouteloua curtipendula</i>	Warm, bunch	10	2	1	0.5
Switchgrass ²	<i>Panicum virgatum</i>	Warm, bunch/sod	10	0.8	0.4	0.2
Prairie sandreed	<i>Calimovilfa longifolia</i>	Warm, sod	10	1.2	0.6	0.3
Yellow indiagrass ²	<i>Sorghastrum nutans</i>	Warm, sod	10	2	1	0.5
Seed rate (lbs PLS/acre)				19.3	9.7	4.8

²For portions of facilities located near or on the bottom or where wet soil conditions occur. Planting of potted nursery stock wetland plants 2-foot on-center is recommended for sites with wetland hydrology.



²Species that will do well in the bottom of pond areas.

**Table 5.2(T): El Paso County All-Purpose Low Grow Mix for Upland and Transition Areas
(For Temporary Seeding when site is idle longer than 1 year)
Note: Up to 20% Annual Italian Ryegrass can be added to mix.**

Common Name	Scientific Name	Growth Season / Form	% of Mix	Pounds PLS		
				<ul style="list-style-type: none"> • Irrigated broadcast • Irrigated hydroseeded 80 seeds/sq ft	<ul style="list-style-type: none"> • Non-irrigated broadcast • Non-irrigated hydroseeded • Irrigated drilled 40 seeds/sq ft	<ul style="list-style-type: none"> • Non-irrigated drilled 20 seeds/sq ft
Buffalograss	<i>Buchloe dactyloides</i>	Warm, sod	25	9.6	4.8	2.4
Grama, blue	<i>Bouteloua gracilis</i>	Warm, bunch	20	10.8	5.4	2.7
Grama, sideoats	<i>Bouteloua curtipendula</i>	Warm, bunch	29	5.6	2.8	1.4
Green needlegrass	<i>Nassella viridula</i>	Cool, bunch	5	3.2	1.6	0.8
Wheatgrass, western	<i>Pascopyrum smithii</i>	Cool, sod	20	12	6	3
Dropseed, sand	<i>Sporobolus cryptandrus</i>	Warm, bunch	1	0.8	0.4	0.2
Seed rate (lbs PLS/acre)				42	21	10.3

Notes on Temporary Stabilization Mix

1. This mix is designed to germinate quickly and produce rapid leaf cover for temporary soil stabilization on unirrigated sites. It is not intended to be a permanent grass stand.



2. The Temporary Stabilization Mixes can be seeded from March 15-October 15, the mixes include at least one species that will germinate at all times during this time frame. Seeding outside of the recommended date range may not be successful. Seeding rate can be adjusted as needed.
3. Proso millet is the recommended cultivar since it is drought tolerant and short. Pearl and foxtail millet are secondary choices.
4. These species in this mix will die after one growing season. The residue (dead material) can be left in place until the permanent seed is installed.
5. Under unirrigated conditions, germination and growth is dependent upon soil moisture and precipitation. Temporary irrigation will increase germination and growth. Mowing may be desirable if higher than normal precipitation occurs.