United States Department of Agriculture
Natural Resources Conservation Service

342 - Critical Area Planting Implementation Requirements

Producer: _____ **Project or Contract:** _____

Location: _____ **County:** _____

Farm Name: _____ **Tract Number:** _____

Practice Location Map

(showing detailed aerial view of where practice is to be installed on farm/site, showing all major components, stationing, relative location to any landmarks, and survey benchmarks)

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____ Cover Sheet

____ Specifications

____ Drawings

____ Operation & Maintenance

Utility Safety / One-Call System Information

Description of work:

_____

NRCS Review Only

Designed By: _____ **Date:** _____

Checked By: _____ **Date:** _____

Approved By: _____ **Date:** _____

342 - Critical Area Planting
Implementation Requirements

☐ Stabilize stream and channel banks, and shorelines.
☐ Stabilize areas with existing or expected high rates of soil erosion by wind or water.
☐ Rehabilitate and revegetate degraded sites that cannot be stabilized using normal establishment techniques.
☐ Stabilize coastal areas, such as sand dunes and riparian areas.

Site Conditions				
Slope Range	**pH Range**	**Soil Type / Soil Texture**	**Soil Drainage Class**	**Current Vegetation or Site Condition**

Permanent Seed and/or Plant Requirements				
Site Preparation Earthmoving (if applicable), etc.:				
Seedbed Preparation:				
Top Soiling Requirements (If applicable):				
Note: To figure Pure Live Seed (PLS) rates, multiply the percent purity by the percent germination. Divide the seeding rate by the percent PLS to find the bulk seed needed per acre. For example, 98% purity X 60% germination = 0.588% PLS 10 lbs./acre 0.588% PLS = 17 lbs./acre				
Seeding Time:				
Permanent Seed/Plant Species Mixture	**Acres**	**Lbs/Ac PLS Plants Spacing in feet**	**Total Lbs Needed Or Total Plants Needed**	
1.				
2.				
3.				
4.				
5.				
	Nitrogen (N) lbs/ac	**Phosphorus (P2O5) lbs/ac**	**Potash (K2O) lbs/ac**	**Lime tons/ac**
Fertilizer and Lime Requirements				
Total Fertilizer Requirements				
Method of Seeding/Planting/Sodding				
Mulch Requirements (Type, Rate/Ac)				
Other Notes (e.g., inoculants, irrigating, management, plant protection, etc.)				

Temporary Seed and/or Plant Requirements (If Applicable)			
Site Preparation Earthmoving (if applicable), etc.:			
Seedbed Preparation:			
Top Soiling Requirements (If applicable):			
Seeding Time:			
Temporary Species Mixture	**Acres**	**Lbs/Ac PLS (or) Plants Spacing in feet**	**Total Lbs Needed Or Total Plants Needed**
1.			
2.			
3.			
4.			
5.			

	Nitrogen (N) lbs/ac	Phosphorus (P2O5) lbs/ac	Potash (K2O) lbs/ac	Lime tons/ac
Fertilizer and Lime Requirements				
Total Fertilizer Requirements				
Method of Seeding/Planting/Sodding:				
Mulch Requirements (Type, Rate/Ac)				
Other Notes (e.g., inoculants, irrigating, management, plant protection, etc.)				
Time/Type/method of Termination of Temporary Cover				

OPERATION AND MAINTENANCE

- Manage the area as long as necessary to ensure the site remains stable.
- Protect plantings from pests (e.g. weeds, insects, diseases, livestock, or wildlife) as necessary to ensure long-term survival. Control weeds by mowing or herbicides. Mow frequently during the first year, if possible, to control weeds and encourage stand density.

- Inspect establishment frequently within the first 3 years of establishment. Replant areas of poor establishment due to drought, insects, or other events, which prevented adequate stand establishment. Replanting may vary from complete re-establishment to overseeing or spot planting.
- Do a periodic inspection and evaluation of vegetation to determine maintenance needs. Reseeding or replanting, and fertilization may be needed to ensure that this practice functions as intended throughout its expected life.
- Other:

_____

Additional Layout Drawings (If Needed)