

CRITICAL AREA PLANTING (342) CONSERVATION PRACTICE DOCUMENTATION WORKSHEET

CLIENT/OPERATING UNIT: _____ LOCATION: _____

FARM: _____ TRACT: _____ FIELD(S): _____ PROGRAM: _____

CONTRACT NO. | ITEM NO.: _____ | _____ JOB APPROVAL CLASS: _____

PURPOSE: The purpose of this practice is to stabilize the soil, reduce damage from sediment and runoff to downstream areas, and improve wildlife habitat and visual resources. This practice applies on highly erodible or critically eroding areas that are not expected to be stabilized by ordinary treatment or management and if left untreated can cause severe erosion or sediment damage.

Installation of this practice shall be in accordance with the following drawings, specifications and special requirements. NO CHANGES ARE TO BE MADE IN THE DRAWINGS OR SPECIFICATIONS WITHOUT PRIOR APPROVAL OF THE CERTIFYING NRCS TECHNICIAN.

AREA TREATED: _____ ACRES RANGE IN SLOPE: _____ TO _____ % DOMINANT SLOPE _____ %

1. Drawings:	No. _____, _____, _____, _____
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2. Plant Materials	Seed ⁽⁵⁾ <input type="checkbox"/> Cutting ⁽⁶⁾ <input type="checkbox"/> Container ⁽⁷⁾ <input type="checkbox"/> Other <input type="checkbox"/> (list) _____
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3a. Mechanical Seedbed Preparation:	PLANNED	DATE	APPLIED	DATE		
Describe tillage, smoothing and packing implements used for seedbed preparation and dates operations performed.						
3b. Chemical Seedbed Preparation:	PLANNED			APPLIED		
List chemical(s) used, application rate, and dates of application.	CHEMICAL	RATE	DATE	CHEMICAL	RATE	DATE

4. Seedbed Conditions at Time of Planting:					
Seedbed Surface:	Rough/Irregular <input type="checkbox"/> <i>Surface micro-topography is undulating-not uniform. Large dirt clods or rock fragments on surface. Surface with many ridges and mounds.</i>	Smooth/Uniform <input type="checkbox"/> <i>The surface is relatively level, not concave or convex. Surface with few large soil clods or large rock fragments. No, or few, ridges or mounds.</i>			
Surface Debris:	Ground Cover _____ % <i>Enter estimate of percent of ground surface covered by woody stems, cobbles, stones, or other materials that are large enough to interfere with seed being properly planted.</i>	List the kind(s) of surface debris, etc. or enter NA. _____ _____ _____			
Weeds:	Foliar Cover _____ % <i>Enter estimate of percent foliar cover for the total amount (sum of all species) of standing weedy plants that occupy the area to be seeded at time of planting.</i>	Perennial <input type="checkbox"/> Annual <input type="checkbox"/> Invasive/Noxious <input type="checkbox"/> <i>Check the kinds of weedy plants present. If noxious plants present, list below.</i> _____			
Seedbed Firmness:	Firm (depth of footprint ±1/4-inch) <input type="checkbox"/>	Moderate <input type="checkbox"/>	Poor (soil surface powdery/fluffy) <input type="checkbox"/>		
Seedbed Moisture:	Moist (50-75%*) <input type="checkbox"/>	Slightly Moist (25-50%*) <input type="checkbox"/>	Dry (0-25%*) <input type="checkbox"/>		
*available soil moisture as a percent of field capacity					

5a. Seeding Operations:		PLANNED				AS PLANTED			
Describe method of seeding.									
		Drill (calibrated); Drill (uncalibrated); Broadcast/Rake; Broadcast/Harrow or Chain; Aerial; Hydromulch*, etc.							
*Hydromulch	PLANNED				AS PLANTED				
	MULCH	RATE	TACKIFIER	RATE	MULCH	RATE	TACKIFIER	RATE	
	Type of mulch material to be used and rate of application		Enter tackifier to be used and rate of application		Enter type of mulch applied and rate of application		Enter tackifier used and rate of application		
For "split" hydromulch operations complete items above and enter date mulch applied here						DATE:	/	/	
5b. Seeding Operations:		PLANNED							
List plant species to be seeded, percent of each species in seed mixture, planned PLS seeding rate for each species, depth of seed placement for each species, size of area to be planted, and planned date of seeding.		PLANT SPECIES/CULTIVAR	PERCENT	RATE	DEPTH	ACRES	DATE		
5c. Seeding Operations:		AS PLANTED							
List plant species seeded, percent of each species in seed mixture, PLS seeding rate, depth of seed placement, size of area planted, and date of seeding. <i>Tags from seed bags (or Xerox copy of tags) are to be attached to this form.</i>		PLANT SPECIES/CULTIVAR	PERCENT	RATE	DEPTH	ACRES	DATE		
6a. Cuttings and Pole Plantings:		PLANNED				AS PLANTED			
List woody species planted, minimum stem diameter, average total length of cuttings or poles, and depth planted.		PLANT SPECIES	DIAMETER	LENGTH	DEPTH	PLANT SPECIES	DIAMETER	LENGTH	DEPTH
6b. Cuttings and Pole Plantings:		PLANNED				AS PLANTED			
List date of planting, number or rows planted, spacing between rows and indicate whether plants have been staggered or offset with those in adjacent rows.		DATE	NO. ROWS	SPACING	OFFSET	DATE	NO. ROWS	SPACING	OFFSET
					N Y				N Y
		NOTES:							
7a. Container and Bareroot Plantings:		PLANNED				AS PLANTED			
List species planted, container size (i.e., 5-gallon), diameter of hole prepared for each container size, and depth planted. For bareroot stock, enter BR and caliper in SIZE column.		PLANT SPECIES	SIZE	DIAMETER	DEPTH	PLANT SPECIES	SIZE	DIAMETER	DEPTH
7b. Container and Bareroot Plantings:		PLANNED				AS PLANTED			
List date of planting. If mulch is applied, list kind and rate or thickness of application. For tree seedlings note number of stakes installed.		DATE	MULCH	RATE	STAKES	DATE	MULCH	RATE	STAKES
		NOTES:							

8. Temporary Wind Barriers:	PLANNED				AS INSTALLED			
	BARRIER TYPE	SPACING	HEIGHT	ROWS	BARRIER TYPE	SPACING	HEIGHT	ROWS
List type of barrier to be used (straw bales, etc.), spacing between barrier rows, height of barriers, and number of parallel rows.								

9. Straw Mulch:	PLANNED			AS INSTALLED		
	KIND OF STRAW	ANCHOR METHOD	RATE	KIND OF STRAW	ANCHOR METHOD	RATE
Enter the kind of straw to be used, method for use in anchoring straw mulch, and rate of straw application. If matting used as a straw anchor, complete mat mesh size, mat installation, and staple placement entries under No. 11 below. Certification of weed free condition of straw used is to be attached to this form.						
	If jute netting or excelsior matting used to anchor straw mulch, upper end of matting at the top of the mulched area is to be buried in a 6-inch deep trench. PLANNED Y N INSTALLED Y N					
NOTES:						

10. Tackified Straw Mulch:	PLANNED		AS INSTALLED	
	TACKIFIER	RATE	TACKIFIER	RATE
Complete entries for <i>Straw Mulch</i> in No. 9 above. Enter type of tackifier material to be applied over the straw and rate of tackifier application here.				
NOTES:				

11. Erosion Control Blanket:	PLANNED			
	MATERIAL	DENSITY	NETTING ORIENTATION MESH SIZE	OVERLAP OF ROLLS
		lbs/sq. yd.	in. X in.	in.
	STAPLES			
	NUMBER OF STAPLES TOP OF ROLL END OF ROLL	PLACEMENT FROM STARTING EDGE END OF ROLL	SPACING ALONG SIDES OF ROLL (feet) AND DISTANCE FROM ROLL EDGE (inches)	SPACING AT CENTER OF EACH ROLL
		in. in.	ft. in.	ft.
	AS INSTALLED			
	MATERIAL	DENSITY	NETTING ORIENTATION MESH SIZE	OVERLAP OF ROLLS
		lbs/sq. yd.	in. X in.	in.
STAPLES				
NUMBER OF STAPLES TOP OF ROLL END OF ROLL	PLACEMENT FROM STARTING EDGE END OF ROLL	SPACING ALONG SIDES OF ROLL (feet) AND DISTANCE FROM ROLL EDGE (inches)	SPACING AT CENTER OF EACH ROLL	
	in. in.	ft. in.	ft.	

List kind of material used to fabricate erosion control blanket; minimum density of blanket material; orientation of blanket netting when placed (top of blanket); size of plastic net openings; and amount of overlap between adjacent rolls when placed.
STAPLES: Enter number of staples to be used at the top and bottom, or end, of each roll; distance staples are placed from edge at start of roll and end of roll; spacing interval of staples along each roll edge and distance staples are set from roll edges; and, spacing of staples through center of each erosion control blanket.

12. Fertilization:	PLANNED			APPLIED		
	FERTILIZER	RATE	DATE	FERTILIZER	RATE	DATE
List kind fertilizer(s) to be used (i.e., 16-20-0), application rate, and dates of application.						

13. Irrigation:	PLANNED		APPLIED	
	IRRIGATION TYPE	WATER SOURCE	IRRIGATION TYPE	WATER SOURCE
If treated area is irrigated, list type of irrigation to be used (sprinkler, surface, micro-irrigation, hand-watering, etc.) and source of irrigation water. <i>Complete Irrigation Water Management practice documentation worksheet when an irrigation system is installed (i.e., for irrigation other than hand or spot watering).</i>				
NOTES:				

14. Other Requirements:	PLANNED	AS INSTALLED
List other details important to the establishment and survival of the planting.		

15. Weed Control	PLANNED			APPLIED		
List chemical(s) used for weed control following stand establishment. Enter rate of application and dates applied.	CHEMICAL	RATE	DATE	CHEMICAL	RATE	DATE
NOTES:						

16. Evaluation of Planting:	ECOLOGICAL SITE NAME	ECOLOGICAL SITE NUMBER	VEGETATIVE COVER*			
For treatment sites occurring on rangeland or forestland, list ecological site name and number (see FOTG-Section II) and enter historic climax plant community values for vegetative cover of differing life-forms from site description. For reclamation of drastically disturbed sites, enter desired cover values (basal and canopy) for planted vegetation once established.			GRASS	FORB	SHRUB	TREE
NOTES: <i>*Enter basal area for perennial grasses and forbs. Enter canopy cover for shrubs and trees.</i>						

OPERATION AND MAINTENANCE

Periodic monitoring of this practice is essential to determine: 1) whether site stabilization and ecological goals are being met; 2) if planned facilitating practices are installed, maintained, and adequate; and, 3) if modifications to this practice are needed.

- Land owner/operator assumes all responsibility for acquiring necessary permits and/or easements and for compliance with ordinances and laws pertaining to the installation of this practice.
- Land owner/operator acknowledges responsibility for notifying all utilities affected by this project.

Practice specifications have been reviewed and practice application as planned above is *agreed to*:

Cooperator

Date

NRCS Planner

I certify that the above practice has been applied and meets NRCS Practice Standards and Specifications.

NRCS Planner

Date