

## CRITICAL AREA PLANTING (342) CONSERVATION PRACTICE DOCUMENTATION WORKSHEET

CLIENT/OPERATING UNIT: \_\_\_\_\_ LOCATION: \_\_\_\_\_

FARM No.: \_\_\_\_\_ TRACT: \_\_\_\_\_ FIELD(s): \_\_\_\_\_ CONTRACT NO. | ITEM No.: \_\_\_\_\_ | \_\_\_\_\_

NRCS TECHNICIAN: \_\_\_\_\_ JOB APPROVAL CLASS: \_\_\_\_\_

DATE: \_\_\_\_\_ TOTAL AREA TO BE TREATED: \_\_\_\_\_ acres

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.**

**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.

RANGE IN SLOPE: \_\_\_\_ % to \_\_\_\_ %      DOMINANT SLOPE : \_\_\_\_ %

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

<b>4. Seedbed Conditions at Time of Planting:</b>			
<b>Seedbed Surface:</b>	<p style="text-align: center;"><b>Rough/Irregular</b></p> <p style="font-size: x-small;"><i>Surface micro-topography is undulating-not uniform. Large dirt clods or rock fragments on surface. Surface with many ridges and mounds.</i></p>	<p style="text-align: center;"><b>Smooth/Uniform</b></p> <p style="font-size: x-small;"><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></p>	
<b>Surface Debris:</b>	<p style="text-align: center;"><b>Ground Cover</b> ____ %</p> <p style="font-size: x-small;"><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></p>	<p style="text-align: center;"><i>List the kind(s) of surface debris, etc. or enter NA.</i></p> <p style="text-align: center;">_____   _____   _____</p>	
<b>Weeds:</b>	<p style="text-align: center;"><b>Foliar Cover</b> ____ %</p> <p style="font-size: x-small;"><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></p>	<p style="text-align: center;">Perennial      Annual      Invasive/Noxious</p> <p style="font-size: x-small;"><i>Check the kinds of weedy plants present. If noxious plants present, list below.</i></p> <p style="text-align: center;">_____</p>	
<b>Seedbed Firmness:</b>	Firm (depth of footprint ±1/4-inch)	Moderate	Poor (soil surface powdery/fluffy)
<b>Seedbed Moisture:</b>	Moist (50-75%*)	Slightly Moist (25-50%*)	Dry (0-25%*)
	*available soil moisture as a percent of field capacity		

<b>5a. Seeding Operations:</b>		<b>PLANNED</b>				<b>AS PLANTED</b>			
Describe method of seeding.									
		<i>Drill (calibrated); Drill (uncalibrated); Broadcast/Rake; Broadcast/Harrow or Chain; Aerial; Hydromulch*, etc.</i>							
<b>*Hydromulch</b>	<b>PLANNED</b>				<b>AS PLANTED</b>				
	<b>MULCH</b>	<b>RATE</b>	<b>TACKIFIER</b>	<b>RATE</b>	<b>MULCH</b>	<b>RATE</b>	<b>TACKIFIER</b>	<b>RATE</b>	
	<i>Type of mulch material to be used and rate of application</i>		<i>Enter tackifier to be used and rate of application</i>		<i>Enter type of mulch applied and rate of application</i>		<i>Enter tackifier used and rate of application</i>		
For "split" hydromulch operations complete items above and enter date mulch applied here						<b>DATE:</b>			
<b>5b. Seeding Operations:</b>		<b>PLANNED</b>							
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.		<b>PLANT SPECIES/CULTIVAR</b>	<b>PERCENT</b>	<b>RATE</b>	<b>DEPTH</b>	<b>ACRES</b>	<b>DATE</b>		
<b>5c. Seeding Operations:</b>		<b>AS PLANTED</b>							
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. <b>Tags from seed bags (or Xerox copy of tags) are to be attached to this form.</b>		<b>PLANT SPECIES/CULTIVAR</b>	<b>PERCENT</b>	<b>RATE</b>	<b>DEPTH</b>	<b>ACRES</b>	<b>DATE</b>		
<b>6a. Cuttings and Pole Plantings:</b>		<b>PLANNED</b>				<b>AS PLANTED</b>			
List woody species planted, minimum stem diameter, average total length of cuttings or poles, and depth planted.		<b>PLANT SPECIES</b>	<b>DIAMETER</b>	<b>LENGTH</b>	<b>DEPTH</b>	<b>PLANT SPECIES</b>	<b>DIAMETER</b>	<b>LENGTH</b>	<b>DEPTH</b>
<b>6b. Cuttings and Pole Plantings:</b>		<b>PLANNED</b>				<b>AS PLANTED</b>			
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.		<b>DATE</b>	<b>NO. ROWS</b>	<b>SPACING</b>	<b>OFFSET</b>	<b>DATE</b>	<b>NO. ROWS</b>	<b>SPACING</b>	<b>OFFSET</b>
					<b>N</b>				<b>N</b>
					<b>Y</b>				<b>Y</b>
<b>NOTES:</b>									
<b>7a. Container and Bareroot Plantings:</b>		<b>PLANNED</b>				<b>AS PLANTED</b>			
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.		<b>PLANT SPECIES</b>	<b>SIZE</b>	<b>DIAMETER</b>	<b>DEPTH</b>	<b>PLANT SPECIES</b>	<b>SIZE</b>	<b>DIAMETER</b>	<b>DEPTH</b>
<b>7b. Container and Bareroot Plantings:</b>		<b>PLANNED</b>				<b>AS PLANTED</b>			
List date of planting. If mulch is applied, list kind and rate or thickness of application. For tree seedlings note number of stakes installed.		<b>DATE</b>	<b>MULCH</b>	<b>RATE</b>	<b>STAKES</b>	<b>DATE</b>	<b>MULCH</b>	<b>RATE</b>	<b>STAKES</b>
		<b>NOTES:</b>							

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. <b>Certification of weed free condition of straw used is to be attached to this form.</b>						
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 INSTALLED						
<b>NOTES:</b>						

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.				
<b>NOTES:</b>				

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. <b>STAPLES:</b> 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>				
<b>NOTES:</b>				

