

## EVALUATION OF HERBACEOUS FIELD PLANTINGS

TO: \_\_\_\_\_ F.O.: \_\_\_\_\_

Project Number: \_\_\_\_\_ County: \_\_\_\_\_ Evaluation Yr: \_\_\_\_\_

Location: \_\_\_\_\_ GPS: \_\_\_\_\_

District Cooperator: \_\_\_\_\_ MLRA: \_\_\_\_\_ Purpose: \_\_\_\_\_

1. \_\_\_\_\_ 2. \_\_\_\_\_ 3. \_\_\_\_\_

Featured Plant / Species Planted

4. \_\_\_\_\_ 5. \_\_\_\_\_

Standard Plants for Comparison

Other Species Present

The performance of the plant to be evaluated will be compared against the Standard(s) for Comparison. Information to be evaluated is identified in the evaluations column. Evaluate other factors if you notice something you feel is significant. Use the designated evaluation rating system or enter requested figure.

EVALUATIONS	RECORD EVALUATIONS IN THESE COLUMNS					
	EVAL RATING	FEAT PLANT 1	FEAT PLANT 2	FEAT PLANT 3	STD 4	STD 5
<b>SITE AND ESTABLISHMENT DATA</b>						
1. Were plant materials received in good condition	Yes No					
2. Plant date: 03/78 if second or other year 03/16 = March 16 planting year	Date					
3. Number of acres or number of plants	Ac / No.					
4. Planting Method: Drilled = DR, Broadcast = BR Sprigged = SP, Transplant = TR, Other = OT	DR, BR SP, TR OT					
5. Pounds per acre or spacing between plants	lbs. / in.					
6. Seedbed condition at time of planting	A					
7. Was Moisture adequate at time of planting	Y / N					

REMARKS

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### EVALUATION RATING SYSTEMS

**A. VISUAL OBSERVATION**

- |               |          |
|---------------|----------|
| 1 - Excellent | 7 - Fair |
| 3 - Good      | 9 - Poor |
| 5 - Average   | 0 - None |

**B. RATING BY PERCENT**

- |              |            |
|--------------|------------|
| 1 - 90 -100% | 6 - 40-49% |
| 2 - 80-89%   | 7 - 30-39% |
| 3 - 70-79%   | 8 - 20-29% |
| 4 - 60-69%   | 9 - 10-19% |
| 5 - 50-59%   | 10 - 0-9%  |

**C. RATING BY SEVERITY**

- 9 - Severe  
 7 - Moderate to Severe  
 5 - Moderate  
 3 - Slight to Moderate  
 1 - Slight

EVALUATIONS		EVAL RATING	FEAT. PLANT 1	FEAT. PLANT 2	FEAT. PLANT 3	STD 4	STD 5	
<b>SITE AND GROWTH DATA THIS PERIOD</b>								
8.	Approximate rainfall received this evaluation year	inches						
9.	Severity of weed competition	C						
10.	Date Herbicide Applied Type / Name of Herbicide:	Date gal/AC						
11.	Was Irrigation Applied	Y / N						
12.	Infiltration	A						
13.	Date Cultivation Applied Example : Mowing, Disking	Date Type						
14.	Was mulch Applied	Y / N						
15.	Date Fertilizer Applied - First Application Example 03/16 = March 16	Date						
16.	Fertilizer Grade and Amount of actual N, P205, K20 Applied Example: 16-20-0 100#	lbs/AC						
17.	Date Fertilizer applied - Second Application Example 03/16 = Mar. 16	Date						
18.	Fertilizer Grade and Actual amount of N, P205, K20 applied Ex 48-60-0 50#	lbs/AC						
19.	NO <sub>3</sub> - N Soil Test Results	Date ppm						
20.	NO <sub>3</sub> - N Cover Crop / Sample Test Results Species Sampled:	Date ppm						
21.	NO <sub>3</sub> - N Crop Sample Test Results Name of Crop:	Date ppm						
22.	Soil PH	1-14						
23.	EC ( Electrical Conductivity )	ds/m						
24.	Seedling Vigor (1st yr.) Spring Recovery (2nd and other yrs.)	A B						
25.	Plant Survival (Established Stand) Plants Per Sq. Ft.	B No.						
26.	Foliage Height	inches						
27.	Spreading rate by stolons, rhizomes, etc.	A						
28.	Spreading rate from seed	A						
29.	Potential to become an aggressive weed in a native ecosystem and displace endangered plants or animals	A						
30.	Plant vigor or thriftyness	A						

**REMARKS**

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31.	RESISTANCE to: Insects	A							
32.	Disease	A							
33.	Inundation	A							
34.	Salinity	A							
35.	Drouth	A							
36.	Wetness (wet soil)	A							
37.	Acidic Soils	A							
38.	Are there Beneficial Insects associated with species Name of Insects:	Y/N Date							
39.	Are there pests associated with species Name of Pests:	Y/N Date							
40.	Was the planting destroyed	Y/N							
41.	Client acceptance	A							
42.	Seed Production	A							
43.	Is the plant able to compete with other plants	A							
44.	Grazing Animals (Use no more than 4 codes ) BC = Beef Cattle, DC = Dairy Cattle, G = Goat S = Sheep, H = Horse, D = Deer, E = Elk A = Antelope, R= Rabbit, RO = Rodents, OT = Other	BC, DC, G, S, H, D, E, A, R, RO, OT							
45.	Animal unit days per acre <u>or</u> animal performance Grazing Spring	AUD or lbs/Ac							
46.	Grazing Summer “ “ “ “ “								
47.	Grazing Fall “ “ “ “ “								
48.	Grazing Winter “ “ “ “ “								
49.	Plant recovery following grazing - Spring	A							
50.	Plant recovery following grazing - Summer	A							
51.	Plant recovery following grazing - Fall	A							
52.	Plant recover following grazing - Winter	A							
53.	What percent of the total production was grazed	B							
54.	EROSION CONTROL - GROUND COVER DENSITY	B							
55.	Sediment Trapping ability	A							
56.	Ability to control wind erosion / Reduce PM-102	A							
57.	Ability to control sheet and rill erosion	A							
58.	Ability to control gully erosion	A							
59.	Ability to control landslides	A							
60.	Spread by stolons, rhizomes, etc.	A							
61.	Spread by volunteer seedlings	A							
62.	Is plant adapted to this site	Y/N							
63.	Visual quality on this site, attractive foliage	A							
64.	Visual quality attractiveness of flower	A							
65.	Average Date of Flowering	Date							

REMARKS

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66.	Effectiveness for intended use, visual quality	A						
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67.	<u>WILDLIFE COVER</u> Effectiveness	A						
68.	Wildlife use of seed or fruit	A						
69.	Type of wildlife using seed (Use of Code) G = Gamebirds, S = Songbirds, B = Big game A = small animals, D = Ducks, Q = Quail, P = Pheasants	G, S, B, A, D, Q, P						
70.	Dominant season of use for food (Use one Code) Sp = Spring, Su = Summer, Fa = Fall, Wi = Winter	Sp, Su Fa, Wi						
71.	Wildlife use of foilage for food	A						
72.	Types of wildlife using foliage - dominant type (Use one Code) G - Gamebirds, S = Songbirds, B = Big Game, A = Small animals	G, S, B, A						
73.	Dominant season of use of foilage for food (Use one Code) Wi = Winter, Sp = Spring, Su = Summer, Fa = Fall	Sp, Su Fa, Wi						
74.	Did the species adapt / complement other species on ecosystem restoration sites.	Y/N						
75.	Clipping date 1, example 05/16 = May 16	Date						
76.	Forage yield - pounds air dry / acre	lbs.						
77.	Recovery following clipping	A						
78.	Clipping date 2, as above	Date						
79.	Forage Yield, as above	lbs						
80.	Recovery following clipping	A						
81.	Clipping date 3, as above	Date						
82.	Forage Yield, as above	lbs						
83.	Recovery following clipping	A						
84.	Clipping date 4, as above	Date						
85.	Forage Yield, as above	lbs						
86.	Recovery following clipping	A						

PURPOSE ACHIEVED

PLANTS THAT FAILED / WILL FAIL

RECOMMENDATIONS

PREPARED BY: \_\_\_\_\_ DATE: \_\_\_\_\_

REMARKS

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