### NATURAL RESOURCES CONSERVATION SERVICE

# **EVALUATION OF HERBACEOUS FIELD PLANTINGS**

TO:			F.O.: _							
Project Numbe	r:	County:				Eva	luation Yr:			
Location:						GPS	S:			
District Coope	rator:		MLRA:			Pur	pose:			
1. Featured Plant	/ Species Planted	2.			3.					
Standard Plan	ts for Comparison	5								
Other Species	Present									
identified in th	-	valuated will be compa . Evaluate other factors quested figure.	-			-				ed is
				RE	CORD EV	ALUATIO	NS IN THE	ESE CO	LUMNS	
	EVALUA	ATIONS		EVAL RATING	FEAT PLANT 1	FEAT PLANT 2	FEAT PLANT 3	STD 4	STD 5	
	SITE AND ESTAB	LISHMENT DATA				2	3			
1 Wara rlan	t magtaniala na gairra d is	a and andition		Yes No						
	t materials received in : 03/78 if second o			NO					+	
Z. Plant date	03/16 = March 16	•		Date						
2 Number of	f acres or number of p			Ac / No.						
	lethod: Drilled = DR,								+	
•				DR, BR SP, TR						
Sprigged -	= SP, Transplant = TI	k, Other – Or		OT						
5 Dounds no	er acre or spacing bet	waan nlants		lbs. / in.						
	condition at time of pl	*		A A						
	sture adequate at time			Y/N					<del>                                     </del>	
REMARKS	•									
		EVALUATION RATING	SYSTEMS							
A. VISUAL OB: 1 - Excellent 3 - Good	SERVATION 7 - Fair 9 - Poor	<u>B. RATING BY</u> 1 - 90 -100% 2 - 80-89%	<u>7 PERCENT</u> 6 - 40-49 7 - 30-39		<u>C.</u>	9 - S	Y SEVERIT evere Moderate to			
5 - Average	0 - None	3 - 70-79%	8 - 20-29				Ioderate to . Ioderate			

9 - 10-19%

10 - 0-9%

3 - Slight to Moderate

1 - Slight

4 - 60-69%

5 - 50-59%

	EVALUATIONS	EVAL RATING	FEAT. PLANT	FEAT. PLANT 2	FEAT. PLANT	STD 4	STD 5	
	SITE AND GROWTH DATA THIS PERIOD							
8.	Approximate rainfall received this evaluation year	inches						
9.	Severity of weed competition	C						
10.	Date Herbicide Applied	Date						
10.	Type / Name of Herbicide:	gal/AC						
11.	Was Irrigation Applied	Y/N						
12.	Infiltration	A						
13.	Date Cultivation Applied	Date						
13.	Example: Mowing, Disking	Туре						
14.	Was mulch Applied	Y/N						
15.	Date Fertilizer Applied - First Application	1711						
15.	Example 03/16 = March 16	Date						
16.	Fertilizer Grade and Amount of actual	Bate						
10.	N, P205, K20 Applied Example: 16-20-0 100#	lbs/AC						
17.	Date Fertilizer applied - Second Application	105/110						
17.	Example 03/16 = Mar. 16	Date						
18.	Fertilizer Grade and Actual amount							
10.	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	Date						
	Species Sampled:	ppm						
21.	NO <sub>3</sub> - N Crop Sample Test Results	Date						
	Name of Crop:	ppm						
22.	Soil PH	1-14						
23.	EC ( Electrical Conductivity )	ds/m						
24.	Seedling Vigor (1st yr.)	A						
	Spring Recovery (2nd and other yrs.)	В						
25.	Plant Survival (Established Stand)	В						
	Plants Per Sq. Ft.	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						

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## **EVALUATION RATING SYSTEMS**

ATION	B. RATING BY PE	RCENT
7 - Fair	1 - 90 -100%	6 - 40-49%
9 - Poor	2 - 80-89%	7 - 30-39%
) - None	3 - 70-79%	8 - 20-29%
	4 - 60-69%	9 - 10-19%
	5 - 50-59%	10 - 0-9%
	7 - Fair 9 - Poor	7 - Fair 1 - 90 -100% 9 - Poor 2 - 80-89% 0 - None 3 - 70-79% 4 - 60-69%

# C. RATING BY SEVERITY

9 - Severe

7 - Moderate to Severe

5 - Moderate

3 - Slight to Moderate

1 - Slight

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	Y/N			
	Name of Insects:	Date			
39.	Are there pests associated with species	Y/N			
	Name of Pests:	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, DC,			
	BC = Beef Cattle, DC = Dairy Cattle, G = Goat	G, S, H,			
	S = Sheep, H = Horse, D = Deer, E = Elk	D, E, A,			
	A = Antelope, R = Rabbit, RO = Rodents, OT = Other	R, RO,			
		OT			
45.	Animal unit days per acre or animal performance	AUD or			
	Grazing Spring	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	В			
54.	EROSION CONTROL - GROUND COVER DENSITY	В			
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			

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# EVALUATION RATING SYSTEMS

A. VISUAL OB	SERVATION	B. RATING BY	PERCENT
1 - Excellent	7 - Fair	1 - 90 -100%	6 - 40-49%
3 - Good	9 - Poor	2 - 80-89%	7 - 30-39%
5 - Average	0 - None	3 - 70-79%	8 - 20-29%
		4 - 60-69%	9 - 10-19%
		5 - 50-59%	10 - 0-9%

# C. RATING BY SEVERITY

9 - Severe

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1 - Slight

66. Effectiveness for intended use, visual quality	A						
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# REMARKS

## **EVALUATION RATING SYSTEMS**

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1 - Excellent	7 - Fair	1 - 90 -100%	6 - 40-49%
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### C. RATING BY SEVERITY

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7 - Moderate to Severe

5 - Moderate

3 - Slight to Moderate

1 - Slight

S8. Wildlife use of seed or fruit  A  Type of wildlife using seed (Use of Code) G, S, G = Gamebirds, S = Songbirds, B = Big game A = small animals, D = Ducks, Q = Quail, P = Pheasants D, Q, P  Dominant season of use for food (Use one Code) Sp = Spring, Su = Summer, Fa = Fall, Wi = Winter  Sp = Spring, Su = Summer, Fa = Fall, Wi = Winter  Types of wildlife using foliage - dominant type (Use one Code) G - Gamebirds, S = Songbirds, B = Big Game, A = Small animals  Dominant season of use of foilage for food (Use one Code) Wi = Winter, Sp = Spring, Su = Summer, Fa = Fall  Jod the species adapt / complement other species on ecosystem restoration sites.  Clipping date 1, example 05/16 = May 16  Date	67.	WILDLIFE COVER Effectiveness	A			
99. Type of wildlife using seed (Use of Code) G = Gamebrids, S = Songbirds, B = Big game B, A, A = small animals, D = Ducks, Q = Quanl, P = Pheasants D, Q, P Dominant season of use for food (Use one Code) Sp, Su Sp = Spring, Su = Summer, Fa = Fall, W = Winter H, Wildlife use of foilage for food A D, Wildlife use of foilage for food A D, S = Big Game, A = Small animals B = Big Game, A = Small animals animals game, Big Game, B	68.					
G - Gamebrids, S - Songbirds, B - Big game B, A. A - small animals, D - Ducks, Q - Quail, P - Pheasants  D, Q, P  Dominant season of use for food (Use one Code) Sp, Su Sp - Spring, Su - Summer, Fa - Fall, Wi - Winter Pa, Wi  Wildlife use of foilage for food A  Types of wildlife using foliage - dominant type (Use one Code) G - Gamebrids, S - Songbirds, B - Big Game, A - Small animals B - Big Game, A - Small anim	69.					
A = small animals, D = Ducks, Q = Quail, P = Pheasants D, Q, P   D   D   D   D   D   D   D   D   D	٠,٠	• • • • • • • • • • • • • • • • • • • •				
Dominant season of use for food (Use one Code)   Sp. Su   Sp. Spring, Su Summer, Fa. Full, Wi - Winter   Fa. Wi   Pa.						
Sp. = Spring, Su = Summer, Fa = Fall, Wi = Winter	70.					
72. Types of wildlife using foliage - dominant type (Use one Code) G - Gamebirds, S - Songbirds, B - Big Game, A - Small animals B, A Dominant season of use of foliage for food (Use one Code) Wi - Winter, Sp - Spring, Su = Summer, Fa - Fall Fa, Wi A, Did the species adapt / complement other species on cosystem restoration sites.  75. Clipping date 1, example 05/16 = May 16 Date 16. Forage yield - pounds air dry / acre 16. Forage yield - pounds air dry / acre 17. Recovery following clipping A A   Date 18. Clipping date 2, as above Date 19. Forage yield, as above 10. Ss 10. Recovery following clipping A   Date 20. Forage yield, as above 10. Ss 10. Clipping date 3, as above Date 10. St Forage yield, as above 10. Ss 10. 1	71.					
(Úse one Code) G - Gamebirds, S = Songbirds, B = Big Game, A = Small animals B, A  73. Dominant season of use of foilage for food (Use one Code) Sp. Su W = Winter, Sp = Spring, Su = Summer, Fa = Fall Fa, Wi A) Did the species adapt / complement other species on ecosystem restoration sites.  74. Did the species adapt / complement other species on ecosystem restoration sites.  75. Clipping date [1, example 05/16 = May 16 The Forage yield - pounds air dry / acre   Date   Date   The Forage yield - pounds air dry / acre   Date   Date   The Forage yield as above   Date   Date   The Forage yield as above   Date   Date   The Forage yield, as above   Date   Date   Date   The Forage yield, as above   Date   Date   Date   Date   The Forage yield, as above   Date	72.					
B = Big Came, A = Small animals   B, A			G. S.			
Dominant season of use of foliage for food (Use one Code)   Sp, Su   Wi = Winter, Sp = Spring, Su = Summer, Fa = Fall   Fa, Wi						
Wi = Winter, Sp = Spring, Su = Summer, Fa = Fall	73.	•				
74. Did the species adapt / complement other species on cosystem restoration sites.  75. Clipping date 1, example 05/16 = May 16  76. Forage yield - pounds air dry / acre  77. Recovery following clipping  78. Clipping date 2, as above  79. Forage Yield, as above  80. Recovery following clipping  A  81. Clipping date 3, as above  81. Clipping date 3, as above  82. Porage Yield, as above  83. Recovery following clipping  A  84. Clipping date 4, as above  85. Forage Yield, as above  86. Recovery following clipping  A  87. Clipping date 4, as above  88. Clipping date 4, as above  89. Purpose Yield, as above  90. Date  90. Purpose ACHIEVED  PLANTS THAT FAILED / WILL FAIL  PLANTS THAT FAILED / WILL FAIL  BECOMMENDATIONS  EVALUATION RATING SYSTEMS  EVALUATION RATING SYSTEMS  A VISUAL OBSERVATION  B. RATING BY PERCENT  1 - 90 - 100% 6 - 40-49%  9 - Severe			_			
Cosystem restoration sites	74.					
25. Clipping date 1, example 05/16 = May 16						
76. Forage yield - pounds air dry / acre    18s.    77. Recovery following clipping    A	75.	•	Date			
77. Recovery following clipping  18. Clipping date 2, as above  19. Forage Yield, as above  10. Recovery following clipping  19. A  10. Clipping date 3, as above  10. Date  10.	76.					
Date		<u> </u>	+			
19						
80. Recovery following clipping 81. Clipping date 3, as above 82. Forage Yield, as above 83. Recovery following clipping 84. Clipping date 4, as above 85. Forage Yield, as above 86. Recovery following clipping 86. Recovery following clipping 87. Clipping date 4, as above 88. Forage Yield, as above 89. Forage Yield, as above 89. Forage Yield, as above 89. Recovery following clipping 80. Recovery following clipping 80. Recovery following clipping 81. Clipping date 4, as above 83. Recovery following clipping 84. Clipping date 4, as above 85. Forage Yield, as above 86. Recovery following clipping 86. Recovery following clipping 86. Recovery following clipping 86. Recovery following clipping 87. Date 88. Recovery following clipping 88. Recovery following clipping 89. Date 89. Perparet State S		** *			+	1
81. Clipping date 3, as above 22. Forage Yield, as above 33. Recovery following clipping 34. Clipping date 4, as above 35. Forage Yield, as above 36. Recovery following clipping 36. Recovery following clipping 37. A		· ·			+	1
82. Forage Yield, as above  33. Recovery following clipping  34. Clipping date 4, as above  35. Forage Yield, as above  36. Recovery following clipping  37. A BROWN BRO		· · · · · · · · · · · · · · · · · · ·				1
83. Recovery following clipping  A Clipping date 4, as above  Both Porage Yield, as above  Both Recovery following clipping  A Both Both Both Both Both Both Both Both		** *				
84. Clipping date 4, as above 85. Forage Yield, as above 86. Recovery following clipping  PURPOSE ACHIEVED  PLANTS THAT FAILED / WILL FAIL  RECOMMENDATIONS  PREPARED BY:			+			
85. Forage Yield, as above 86. Recovery following clipping  A					_	
PURPOSE ACHIEVED  PLANTS THAT FAILED / WILL FAIL  PLANTS THAT FAILED / WILL FAIL  PRECOMMENDATIONS  PREPARED BY:		** *				
PURPOSE ACHIEVED  PLANTS THAT FAILED / WILL FAIL  RECOMMENDATIONS  PREPARED BY: DATE:  REMARKS  EVALUATION RATING SYSTEMS  A. VISUAL OBSERVATION B. RATING BY PERCENT C. RATING BY SEVERITY 1 - 90 - 100% 6 - 40 - 49% 9 - Severe			-			
RECOMMENDATIONS  PREPARED BY: DATE:  REMARKS  EVALUATION RATING SYSTEMS  A. VISUAL OBSERVATION B. RATING BY PERCENT C. RATING BY SEVERITY 1 - 90 - 100% 6 - 40-49% 9 - Severe						
EVALUATION RATING SYSTEMS  A. VISUAL OBSERVATION B. RATING BY PERCENT C. RATING BY SEVERITY 1 - Excellent 7 - Fair 1 - 90 - 100% 6 - 40-49% 9 - Severe						
EVALUATION RATING SYSTEMS  A. VISUAL OBSERVATION B. RATING BY PERCENT C. RATING BY SEVERITY 1 - Excellent 7 - Fair 1 - 90 - 100% 6 - 40-49% 9 - Severe						
EVALUATION RATING SYSTEMS  A. VISUAL OBSERVATION B. RATING BY PERCENT C. RATING BY SEVERITY 1 - 90 - 100% 6 - 40-49% 9 - Severe	PREP/	ARED BY:	_ DATE:			
A. VISUAL OBSERVATION  B. RATING BY PERCENT  1 - 90 - 100% 6 - 40-49%  9 - Severe	REMA	ARKS				
1 - Excellent 7 - Fair 1 - 90 -100% 6 - 40-49% 9 - Severe		EVALUATION RATING SYSTEMS				
			Q %	·	RITY	
					to Severe	

8 - 20-29%

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5 - Moderate

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