

Management Scenario

Station # _____

_____ cow/calf pairs

_____ yearlings

_____ bulls

_____ months of grazing

_____ acres of pasture

_____ lbs/ac Annual Production

_____ miles to nearest water

_____ miles to nearest cropland

BEEF GOAL _____

GROUSE GOAL _____

Slope stakes are _____ feet apart

SOUTH DAKOTA RANGELAND JUDGING SCORECARD

Resource Inventory, Present Conditions

Part I	Ecological Sites	Station No.	
		1	2
15 pts.	Subirrigated		
	Overflow		
	Sands		
	Sandy		
	Loamy		
	Clayey		
	Dense Clay		
	Thin Upland		
	Shallow		
	Claypan		

Part II	Similarity Index	Station No.	
		1	2
10 pts	76-100% Potential		
	51-75% potential		
	26-50% potential		
	0-25% potential		

Part III	Beef Cattle Carrying Capacity	Station No.	
		1	2
10 pts	Capacity is Too Small		
	Capacity is Exactly Right		
	Capacity is Larger Than Needed		

Part IV	Beef Cattle Habitat Inventory	Station No.	
		1	2
10 pts	Excellent Value (31-40)		
	Good Value (21-30)		
	Fair Value (11-20)		
	Poor value (<11)		
3 pts each	Beef Cattle Limiting Factors		
	Forage Factor is Limiting		
	Distribution Factor is Limiting		
	Rangeland Health Factor is Limiting		

Part V	Prairie Grouse Habitat Inventory	Station No.	
		1	2
10 pts	Excellent Value (31-40)		
	Good Value (21-30)		
	Fair Value (11-20)		
	Poor value (<11)		
3 pts each	Prairie Grouse Limiting Factors		
	Winter Components Are Limiting		
	Nesting Cover is Limiting		
	Brood Food is Limiting		
	Brood Habitat is Limiting		
	Invasive Species		

Contestant Name _____

Contestant Number _____

County or School _____

Team Number or Name _____

Score: Station 1 _____/118

Station 2 _____/118

Total: _____/236

Part VI	Needed Management Practices	Station No.	
		1	2
3 pts each	1. Apply Invader Plant Control for Integrity of the Site		
	2. Continue Present Management for Beef		
	3. Apply Woody Plant Control for Beef Cattle		
	4. Develop Water for Beef Cattle		
	5. Begin a Planned Grazing System		
	6. Change Livestock Numbers or Duration of Grazing Period		
	7. Change the Kind of Grazing/ Browsing Animal		
	8. Continue Present Management for Prairie Grouse		
	9. Improve Winter Food or Cover for Prairie Grouse		
	10. Improve Nesting Cover Quality for Prairie Grouse		
	11. Improve Nesting Cover Height for Prairie Grouse		
	12. Improve Brood Food for Prairie Grouse Chicks		
	13. Improve Brood Habitat		

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SOUTH DAKOTA RANGELAND JUDGING SCORECARD

Resource Inventory, Present Conditions

Part I	Ecological Sites	Station No. 1
15 pts.	Subirrigated	
	Overflow	
	Sands	
	Sandy	
	Loamy	
	Clayey	
	Dense Clay	
	Thin Upland	
	Shallow	
	Claypan	

Part II	Similarity Index	Station No. 1
10 pts	76-100% Potential	
	51-75% potential	
	26-50% potential	
	0-25% potential	

Part III	Beef Cattle Carrying Capacity	Station No. 1
10 pts	Capacity is Too Small	
	Capacity is Exactly Right	
	Capacity is Larger Than Needed	

Part IV	Beef Cattle Habitat Inventory	Station No. 1
10 pts	Excellent Value (31-40)	
	Good Value (21-30)	
	Fair Value (11-20)	
	Poor value (<11)	
3 pts each	Beef Cattle Limiting Factors	
	Forage Factor is Limiting	
	Distribution Factor is Limiting	
	Rangeland Health Factor is Limiting	

Part V	Prairie Grouse Habitat Inventory	Station No. 1
10 pts	Excellent Value (31-40)	
	Good Value (21-30)	
	Fair Value (11-20)	
	Poor value (<11)	
3 pts each	Prairie Grouse Limiting Factors	
	Winter Components Are Limiting	
	Nesting Cover is Limiting	
	Brood Food is Limiting	
	Brood Habitat is Limiting	
	Invasive Species	

Contestant Name _____

Contestant Number _____

County or School _____

Team Number or Name _____

Score: Station 1 _____/118

Total: _____/118

Part VI	Needed Management Practices	Station No. 1
3 pts each	1. Apply Invader Plant Control for Integrity of the Site	
	2. Continue Present Management for Beef	
	3. Apply Woody Plant Control for Beef Cattle	
	4. Develop Water for Beef Cattle	
	5. Begin a Planned Grazing System	
	6. Change Livestock Numbers or Duration of Grazing Period	
	7. Change the Kind of Grazing/Browsing Animal	
	8. Continue Present Management for Prairie Grouse	
	9. Improve Winter Food or Cover for Prairie Grouse	
	10. Improve Nesting Cover Quality for Prairie Grouse	
	11. Improve Nesting Cover Height for Prairie Grouse	
	12. Improve Brood Food for Prairie Grouse Chicks	
	13. Improve Brood Habitat	

_____/79

_____/39

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SOUTH DAKOTA RANGELAND JUDGING SCORECARD

Resource Inventory, Present Conditions

Part I	Ecological Sites	Station No. 2
15 pts.	Subirrigated	
	Overflow	
	Sands	
	Sandy	
	Loamy	
	Clayey	
	Dense Clay	
	Thin Upland	
	Shallow	
	Claypan	

Part II	Similarity Index	Station No. 2
10 pts	76-100% Potential	
	51-75% potential	
	26-50% potential	
	0-25% potential	

Part III	Beef Cattle Carrying Capacity	Station No. 2
10 pts	Capacity is Too Small	
	Capacity is Exactly Right	
	Capacity is Larger Than Needed	

Part IV	Beef Cattle Habitat Inventory	Station No. 2
10 pts	Excellent Value (31-40)	
	Good Value (21-30)	
	Fair Value (11-20)	
	Poor value (<11)	
3 pts each	Beef Cattle Limiting Factors	
	Forage Factor is Limiting	
	Distribution Factor is Limiting	
	Rangeland Health Factor is Limiting	

Part V	Prairie Grouse Habitat Inventory	Station No. 2
10 pts	Excellent Value (31-40)	
	Good Value (21-30)	
	Fair Value (11-20)	
	Poor value (<11)	
3 pts each	Prairie Grouse Limiting Factors	
	Winter Components Are Limiting	
	Nesting Cover is Limiting	
	Brood Food is Limiting	
	Brood Habitat is Limiting	
	Invasive Species	

Contestant Name _____

Contestant Number _____

County or School _____

Team Number or Name _____

Score: Station 2 _____/118

Total: _____/118

Part VI	Needed Management Practices	Station No. 2
3 pts each	1. Apply Invader Plant Control for Integrity of the Site	
	2. Continue Present Management for Beef	
	3. Apply Woody Plant Control for Beef Cattle	
	4. Develop Water for Beef Cattle	
	5. Begin a Planned Grazing System	
	6. Change Livestock Numbers or Duration of Grazing Period	
	7. Change the Kind of Grazing/Browsing Animal	
	8. Continue Present Management for Prairie Grouse	
	9. Improve Winter Food or Cover for Prairie Grouse	
	10. Improve Nesting Cover Quality for Prairie Grouse	
	11. Improve Nesting Cover Height for Prairie Grouse	
	12. Improve Brood Food for Prairie Grouse Chicks	
	13. Improve Brood Habitat	

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Contestant Name _____ Contestant Number _____ School/County _____

Score: _____/400

Flag #	Plant #	PLANT CHARACTERISTICS										Prairie Grouse		Cattle			
		Life Span			Growth Season		Origin			Food	Cover	Food	Food				
		Perennial	Biennial	Annual	Cool Season	Warm Season	Native	Introduced	Invader	De	Un	De	Un				
1	52. hairy goldaster																
2	53. heath aster																
3	54. horsetweed																
4	55. leaty spurge																
5	56. Maximilian sunflower																
6	57. milkvetch																
7	58. milkweed																
8	59. penstemon																
9	60. phlox																
10	61. poison hemlock																
11	62. prairie clover																
12	63. prairie coneflower																
13	64. prickly pear																
14	65. purple coneflower																
15	66. ragwort																
16	67. rush skeletonplant																
17	68. sagewort																
18	69. salsify																
19	70. scarlet gaura																
20	71. scarlet globemallow																
21	72. scurfspea																
22	73. sensitive briar																
23	74. spiderwort																
24	75. stiff sunflower																
25	76. sweetclover																
26	77. wavyleaf thistle																
27	78. western ragweed																
28	79. western wallflower																
29	80. wild onion																
30	81. woolly verbena																
31	Shrubs																
32	82. broom snakeweed																
33	83. chokecherry																
34	84. leadplant																
35	85. poison ivy																
36	86. rubber rabbitbrush																
37	87. sagebrush																
38	88. saltbush																
39	89. sandcherry																
40	90. silver buffaloberry																
41	91. skunkbrush																
42	92. smooth sumac																
43	93. western snowberry																
44	94. wild plum																
45	95. wild rose																
46	96. willow																
47	97. yucca																
48	Trees																
49	98. American elm																
50	99. bur oak																
51	100. green ash																
52	101. juniper or cedar																
53	102. plains cottonwood																
54	103. ponderosa pine																
55	104. Russian olive																
56	105. saltcedar																

ECOLOGICAL and RESOURCE RATING: Desirable = De; Undesirable = Un

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