Management Scenario

Station # _____

	_ cow/calf pairs _ yearlings _ bulls
	 months of grazing acres of pasture Ibs/ac Annual Production
	miles to nearest water miles to nearest cropland
BEEF GOAL - GROUSE GO	AL

Slope stakes are _____ feet apart

SOUTH DAKOTA RANGELAND JUDGING SCORECARD

Resource Inventory, Present Conditions

	Station N						
Part I	Part I Ecological Sites						
15 pts.	Subirrigated						
	Overflow						
	Sands						
	Sandy						
	Loamy						
	Clayey						
	Dense Clay						
	Thin Upland						
	Shallow						
	Claypan						
		Statio	on No.				
B	Obustion the lands of	4	•				

Contestant Number ______ County or School ______ Team Number or Name _____ Score: Station 1 _____/118 Station 2 _____/118

Total: _____/236

Contestant Name ____

	Thin Upland		
	Shallow		
	Claypan		
		Static	on No.
Part II	Similarity Index	1	2
10 pts	76-100% Potential		
	51-75% potential		
	26-50% potential		
	0-25% potential		
		Statio	on No.
Part III	Beef Cattle Carrying Capacity	1	2
10 pts	Capacity is Too Small		
	Capacity is Exactly Right		
	Capacity is Larger Than Needed		
		Static	on No.
Part IV	Beef Cattle Habitat Inventory	1	2
10 pts	Excellent Value (31-40)		
	Good Value (21-30)		
	Fair Value (11-20)		
	Poor value (<11)		
	Beef Cattle Limiting Factors		
3 pts each	Forage Factor is Limiting		
each	Distribution Factor is Limiting		
	Rangeland Health Factor is Limiting		
		Static	on No.
Part V	Prairie Grouse Habitat Inventory	1	2
10 pts	Excellent Value (31-40)		
	Good Value (21-30)		
	Fair Value (11-20)		
	Poor value (<11)		
	Prairie Grouse Limiting Factor	s	
3 pts each	Winter Components Are Limiting		
Caon	Nesting Cover is Limiting		
	Brood Food is Limiting		
	Brood Habitat is Limiting		
	Invasive Species		

		Stati	Station No.			
Part VI	Needed Management Practices	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					

SDSU Extension is an equal opportunity provider and employer in accordance with the nondiscrimination policies of South Dakota State University, the South Dakota Board of Regents and the United States Department of Agriculture.

Learn more at extension.sdstate.edu.

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	
		Station
Part II	Similarity Index	No. 1
10 pts	76-100% Potential	
	51-75% potential	
	26-50% potential	
	0-25% potential	
		Station
Part III	Beef Cattle Carrying Capacity	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)	
	Beef Cattle Limiting Factors	
3 pts	Forage Factor is Limiting	
each	Distribution Factor is Limiting	
	Rangeland Health Factor is Limiting	
		Station
Part V	Prairie Grouse Habitat Inventory	No. 1
10 pts	Excellent Value (31-40)	
	Good Value (21-30)	
	Fair Value (11-20)	
	· · · · ·	
	Poor value (<11)	
3 pts	Poor value (<11)	
3 pts each	Poor value (<11) Prairie Grouse Limiting Factors	
	Poor value (<11) Prairie Grouse Limiting Factors Winter Components Are Limiting	
	Poor value (<11) Prairie Grouse Limiting Factors Winter Components Are Limiting Nesting Cover is Limiting	

Contestant Name ____

Contestant Number _____

County or School _____

Team Number or Name _____

Score: Station 1 ____/118

Total: ____/118

Part VI	Needed Management Practices						
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

SDSU Extension is an equal opportunity provider and employer in accordance with the nondiscrimination policies of South Dakota State University, the South Dakota Board of Regents and the United States Department of Agriculture.

Learn more at extension.sdstate.edu.

© 2023, South Dakota Board of Regents

Contestant Name ______ Contestant Number _____ School/County _____

Score: ____/400

Grad	sses and Grasslike (Mid	52.	hairy goldaster
	Tall)	53.	heath aster
1.	big or sand bluestem	54.	horseweed
2.	Canada wildrye	55.	leafy spurge
3.	crested wheatgrass	56.	Maximilian sunflower
4.	green needlegrass	57.	milkvetch
4. 5.	green or yellow foxtail	58.	milkweed
5. 6.		50. 59.	
	Indiangrass		penstemon
7.	little bluestem	60.	phlox
8.	needleandthread	61.	poison hemlock
9.	plains muhly	62.	prairie clover
10.	porcupinegrass	63.	prairie coneflower
11.	prairie cordgrass	64.	prickly pear
12.	prairie dropseed	65.	purple coneflower
13.	prairie junegrass	66.	ragwort
14.	prairie sandreed	67.	rush skeletonplant
15.	reed canarygrass	68.	sagewort
16.	sand or tall dropseed	69.	salsify
17.	sideoats grama	70.	scarlet gaura
18.	smooth brome	71.	scarlet globemallow
19.	switchgrass	72.	scurfpea
20.	threeawan	73.	sensitive briar
21.	western wheatgrass	74.	spiderwort
0	sses and Gasslikes	75.	stiff sunflower
(sho		76.	sweetclover
22.	annual brome	77.	wavyleaf thistle
22.		78.	western ragweed
23. 24.	blue or hairy grama	79.	western wallflower
24.	bluegrass	80.	wild onion
	buffalograss	81.	woolly verbena
26.	foxtail barley	81. 82.	woolly verbena yucca
26. 27.	foxtail barley inland saltgrass	82.	yucca
26. 27. 28.	foxtail barley inland saltgrass scribner's panicgrass	82. Shru	yucca Ibs
26. 27. 28. 29.	foxtail barley inland saltgrass scribner's panicgrass sedge	82. Shru 83.	yucca I bs broom snakeweed
26. 27. 28. 29. 30.	foxtail barley inland saltgrass scribner's panicgrass sedge witchgrass	82. Shru 83. 84.	yucca bs broom snakeweed chokecherry
26. 27. 28. 29. 30.	foxtail barley inland saltgrass scribner's panicgrass sedge witchgrass	82. Shru 83. 84. 85.	yucca bs broom snakeweed chokecherry leadplant
26. 27. 28. 29. 30. Fort 31.	foxtail barley inland saltgrass scribner's panicgrass sedge witchgrass DS absinth wormwood	82. Shru 83. 84. 85. 86.	yucca ibs broom snakeweed chokecherry leadplant poison ivy
26. 27. 28. 29. 30. Fort 31. 32.	foxtail barley inland saltgrass scribner's panicgrass sedge witchgrass DS absinth wormwood alfalfa	82. Shru 83. 84. 85. 86. 87.	yucca Ibs broom snakeweed chokecherry leadplant poison ivy rubber rabbitbrush
26. 27. 28. 29. 30. Fort 31. 32. 33.	foxtail barley inland saltgrass scribner's panicgrass sedge witchgrass DS absinth wormwood alfalfa American licorice	82. Shru 83. 84. 85. 86. 87. 88.	yucca bs broom snakeweed chokecherry leadplant poison ivy rubber rabbitbrush sagebrush
26. 27. 28. 29. 30. Fort 31. 32. 33. 34.	foxtail barley inland saltgrass scribner's panicgrass sedge witchgrass DS absinth wormwood alfalfa American licorice American vetch	82. Shru 83. 84. 85. 86. 87. 88. 89.	yucca bs broom snakeweed chokecherry leadplant poison ivy rubber rabbitbrush sagebrush saltbush
26. 27. 28. 29. 30. Fort 31. 32. 33.	foxtail barley inland saltgrass scribner's panicgrass sedge witchgrass DS absinth wormwood alfalfa American licorice	82. Shru 83. 84. 85. 86. 87. 88. 89. 90.	yucca bs broom snakeweed chokecherry leadplant poison ivy rubber rabbitbrush sagebrush saltbush sandcherry
26. 27. 28. 29. 30. Fort 31. 32. 33. 34.	foxtail barley inland saltgrass scribner's panicgrass sedge witchgrass DS absinth wormwood alfalfa American licorice American vetch	 82. Shru 83. 84. 85. 86. 87. 88. 89. 90. 91. 	yucca bs broom snakeweed chokecherry leadplant poison ivy rubber rabbitbrush sagebrush saltbush saltbush sandcherry silver buffaloberry
26. 27. 28. 29. 30. Fort 31. 32. 33. 34. 35.	foxtail barley inland saltgrass scribner's panicgrass sedge witchgrass 35 absinth wormwood alfalfa American licorice American vetch annual sunflower	 82. Shru 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 	yucca bs broom snakeweed chokecherry leadplant poison ivy rubber rabbitbrush sagebrush saltbush sandcherry silver buffaloberry skunkbrush
26. 27. 28. 29. 30. Fort 31. 32. 33. 34. 35. 36.	foxtail barley inland saltgrass scribner's panicgrass sedge witchgrass 25 absinth wormwood alfalfa American licorice American vetch annual sunflower breadroot scurfpea	82. Shru 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93.	yucca bs broom snakeweed chokecherry leadplant poison ivy rubber rabbitbrush sagebrush saltbush sandcherry silver buffaloberry skunkbrush smooth sumac
26. 27. 28. 29. 30. Fort 31. 32. 33. 34. 35. 36. 37.	foxtail barley inland saltgrass scribner's panicgrass sedge witchgrass DS absinth wormwood alfalfa American licorice American vetch annual sunflower breadroot scurfpea Canada thistle	82. Shru 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94.	yucca bs broom snakeweed chokecherry leadplant poison ivy rubber rabbitbrush sagebrush saltbush saltbush sandcherry silver buffaloberry skunkbrush smooth sumac western snowberry
26. 27. 28. 29. 30. Fort 31. 32. 33. 34. 35. 36. 37. 38. 39. 40.	foxtail barley inland saltgrass scribner's panicgrass sedge witchgrass 35 absinth wormwood alfalfa American licorice American vetch annual sunflower breadroot scurfpea Canada thistle clover	82. Shru 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95.	yucca bs broom snakeweed chokecherry leadplant poison ivy rubber rabbitbrush sagebrush saltbush saltbush sandcherry silver buffaloberry skunkbrush smooth sumac western snowberry wild plum
26. 27. 28. 29. 30. Fort 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41.	foxtail barley inland saltgrass scribner's panicgrass sedge witchgrass 35 absinth wormwood alfalfa American licorice American vetch annual sunflower breadroot scurfpea Canada thistle clover cocklebur	82. Shru 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96.	yucca bs broom snakeweed chokecherry leadplant poison ivy rubber rabbitbrush sagebrush sattbush sandcherry silver buffaloberry skunkbrush smooth sumac western snowberry wild plum wild rose
26. 27. 28. 29. 30. Fort 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42.	foxtail barley inland saltgrass scribner's panicgrass sedge witchgrass absinth wormwood alfalfa American licorice American vetch annual sunflower breadroot scurfpea Canada thistle clover cocklebur common mullein	82. Shru 83. 84. 85. 86. 87. 88. 90. 91. 92. 93. 94. 95. 96. 97.	yucca bs broom snakeweed chokecherry leadplant poison ivy rubber rabbitbrush sagebrush saltbush saltbush saltbush sandcherry silver buffaloberry skunkbrush smooth sumac western snowberry wild plum wild rose willow
26. 27. 28. 29. 30. Fort 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43.	foxtail barley inland saltgrass scribner's panicgrass sedge witchgrass 35 absinth wormwood alfalfa American licorice American vetch annual sunflower breadroot scurfpea Canada thistle clover cocklebur common mullein common yarrow crazyweed curlycup gumweed	82. Shru 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. Tree	yucca bs broom snakeweed chokecherry leadplant poison ivy rubber rabbitbrush sagebrush saltbush sandcherry silver buffaloberry skunkbrush smooth sumac western snowberry wild plum wild rose willow S
26. 27. 28. 29. 30. Fort 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44.	foxtail barley inland saltgrass scribner's panicgrass sedge witchgrass absinth wormwood alfalfa American licorice American vetch annual sunflower breadroot scurfpea Canada thistle clover cocklebur common mullein common yarrow crazyweed curlycup gumweed daisy fleabane	82. Shru 83. 84. 85. 86. 87. 88. 90. 91. 92. 93. 94. 95. 96. 97. Tree 98.	yucca bs broom snakeweed chokecherry leadplant poison ivy rubber rabbitbrush sagebrush sadcherry silver buffaloberry skunkbrush smooth sumac western snowberry wild plum wild rose willow s American elm
26. 27. 28. 29. 30. Fort 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44.	foxtail barley inland saltgrass scribner's panicgrass sedge witchgrass 35 absinth wormwood alfalfa American licorice American licorice American vetch annual sunflower breadroot scurfpea Canada thistle clover cocklebur common mullein common yarrow crazyweed curlycup gumweed daisy fleabane deathcamus	82. Shru 83. 84. 85. 86. 87. 88. 90. 91. 92. 93. 94. 95. 96. 97. Tree 98. 99.	yucca bs broom snakeweed chokecherry leadplant poison ivy rubber rabbitbrush sagebrush saltbush saltbush saltbush saltbush sandcherry silver buffaloberry skunkbrush smooth sumac western snowberry wild plum wild rose willow s American elm bur oak
26. 27. 28. 29. 30. Fort 31. 32. 33. 33. 33. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46.	foxtail barley inland saltgrass scribner's panicgrass sedge witchgrass 35 absinth wormwood alfalfa American licorice American vetch annual sunflower breadroot scurfpea Canada thistle clover cocklebur common mullein common yarrow crazyweed curlycup gumweed daisy fleabane deathcamus deervetch	82. Shru 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. Tree 98. 99. 100.	yucca bs broom snakeweed chokecherry leadplant poison ivy rubber rabbitbrush sagebrush saltbush saltbush saltbush sandcherry silver buffaloberry skunkbrush smooth sumac western snowberry wild plum wild rose willow s American elm bur oak green ash
26. 27. 28. 29. 30. Fort 31. 32. 33. 33. 34. 35. 36. 37. 38. 90. 41. 42. 43. 44. 45. 46. 47.	foxtail barley inland saltgrass scribner's panicgrass sedge witchgrass 35 absinth wormwood alfalfa American licorice American vetch annual sunflower breadroot scurfpea Canada thistle clover cocklebur common mullein common yarrow crazyweed curlycup gumweed daisy fleabane deathcamus deervetch false boneset	82. Shru 83. 84. 85. 86. 87. 88. 90. 91. 92. 93. 94. 95. 96. 97. Tree 98. 99. 100. 101.	yucca bs broom snakeweed chokecherry leadplant poison ivy rubber rabbitbrush sagebrush saltbush sandcherry silver buffaloberry skunkbrush smooth sumac western snowberry wild plum wild rose willow s American elm bur oak green ash juniper or cedar
26. 27. 28. 29. 30. Fort 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 44. 45. 44.	foxtail barley inland saltgrass scribner's panicgrass sedge witchgrass absinth wormwood alfalfa American licorice American vetch annual sunflower breadroot scurfpea Canada thistle clover cocklebur common mullein common yarrow crazyweed curlycup gumweed daisy fleabane deathcamus deervetch false boneset false gormwell	82. Shru 83. 84. 85. 86. 87. 88. 89. 91. 92. 93. 94. 95. 96. 97. Tree 98. 99. 100. 101. 102.	yucca bs broom snakeweed chokecherry leadplant poison ivy rubber rabbitbrush sagebrush saltbush sandcherry silver buffaloberry silver buffaloberry swildrose western snowberry wild plum wild rose willow s American elm bur oak green ash juniper or cedar plains cottonwood
26. 27. 28. 29. 30. Fort 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 44. 45. 46. 47.	foxtail barley inland saltgrass scribner's panicgrass sedge witchgrass 35 absinth wormwood alfalfa American licorice American licorice American vetch annual sunflower breadroot scurfpea Canada thistle clover cocklebur common mullein common yarrow crazyweed curlycup gumweed daisy fleabane deathcamus deervetch false boneset false gromwell field bindweed	82. Shru 83. 84. 85. 86. 87. 88. 90. 91. 92. 93. 94. 95. 96. 97. Tree 98. 99. 100. 101. 102. 102. 103. 105	yucca bs broom snakeweed chokecherry leadplant poison ivy rubber rabbitbrush sagebrush saltbush saltbush saltbush sandcherry silver buffaloberry silver buffaloberry swooth sumac western snowberry wild plum wild rose willow s American elm bur oak green ash juniper or cedar plains cottonwood ponderosa pine
26. 27. 28. 29. 30. Fort 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 44. 45. 46. 47. 48. 90.	foxtail barley inland saltgrass scribner's panicgrass sedge witchgrass 35 absinth wormwood alfalfa American licorice American vetch annual sunflower breadroot scurfpea Canada thistle clover cocklebur common mullein common yarrow crazyweed curlycup gumweed daisy fleabane deathcamus deervetch false boneset false gromwell field bindweed gayfeather	82. Shru 83. 84. 85. 86. 87. 88. 90. 91. 92. 93. 94. 95. 96. 97. Tree 98. 100. 101. 102. 103. 104.	yucca bs broom snakeweed chokecherry leadplant poison ivy rubber rabbitbrush sagebrush saltbush saltbush sandcherry silver buffaloberry skunkbrush smooth sumac western snowberry wild plum wild rose willow s American elm bur oak green ash juniper or cedar plains cottonwood ponderosa pine Russian olive
26. 27. 28. 29. 30. Fort 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 44. 45. 46. 47.	foxtail barley inland saltgrass scribner's panicgrass sedge witchgrass 35 absinth wormwood alfalfa American licorice American licorice American vetch annual sunflower breadroot scurfpea Canada thistle clover cocklebur common mullein common yarrow crazyweed curlycup gumweed daisy fleabane deathcamus deervetch false boneset false gromwell field bindweed	82. Shru 83. 84. 85. 86. 87. 88. 90. 91. 92. 93. 94. 95. 96. 97. Tree 98. 100. 101. 102. 103. 104.	yucca bs broom snakeweed chokecherry leadplant poison ivy rubber rabbitbrush sagebrush saltbush saltbush saltbush sandcherry silver buffaloberry silver buffaloberry swooth sumac western snowberry wild plum wild rose willow s American elm bur oak green ash juniper or cedar plains cottonwood ponderosa pine

			PLANT CHARACTERISTICS								Prairie Grouse				Cattle		
		Life Span		Growth Season		Origin			Food		Cover		Fo	od			
Flag #	Plant #	Peren- nial	Biennial	Annual	Cool Season	Warm Season	Native	Intro- duced	Invader	De	Un	De	Un	De	U		
1																	
2																	
3																	
4																	
5																	
6																	
7																	
8																	
9																	
10																	
11																	
12																	
13																	
14																	
15																	
16																	
17																	
18																	
19																	
20																	

SDSU Extension is an equal opportunity provider and employer in accordance with the nondiscrimination policies of South Dakota State University, the South Dakota Board of Regents and the United States Department of Agriculture.

Learn more at extension.sdstate.edu.