

GUIDANCE DOCUMENT

Land Use: Pasture

Cooperator: J. Hill

Tract No.: 202

Date: October 2005

Field No.: 1

Acres: 150

Selected Treatment Level (circle one):
RMS; Resource Concern; Practice

Soil: Gilpin Silt Loam 10/20%

T= 3 t/ac

Assisted By: RDH

RESOURCE CONCERNS

Benchmark	Soil	Water	Plants	Animals	Air
Continuously grazed overgrazed pasture	Soil Erosion - Sheet and Rill			Domestic Animals – Inadequate Quantities and Quality of Feed and Forage	N/A
Poor water distribution				Domestic Animals – Inadequate Stock Water	
Low pH 5.2			Plant – Condition – Productivity, Health and Vigor		
Brush encroachment; 25% forage is Ironweed			Plants not adapted or suited		
Streambank trampled/eroding	Soil Erosion - Streambank	Water Quality – Excessive Suspended Sediment in Surface			
	Soil Condition - Compaction				

EFFECTS GUIDANCE DOCUMENT FOR ALTERNATIVE RESOURCE CONCERN

RESOURCE CONCERNS

Alternative #1	Soil			Water	Plants		Animals		Air
	Sheet and Rill Erosion	Soil Erosion - Streambank	Soil Condition - Compaction	Water Quality – Excessive Suspended Sediment in Surface Water	Plants not adapted or suited	Productivity, Health and Vigor	Domestic Animals – Inadequate Quantities and Quality of Feed and Forage	Domestic Animals – Inadequate Stock Water	N/A
Filter Strip (393) [30' - 50']	-----	-----	-----	+2	-----	-----	-----	-----	
Use Exclusion (472)	+1	+4	+5	+4	-----	+4	-----	-----	
Brush Management (314)	-1	-----	-----	-----	+5	+4	+2	-----	
Prescribed Grazing (528)	+4	-----	+4	+2	+3	+2	+5	-----	
Spring Development (574)	-----	-----	-----	-----	-----	-----	-----	+1	
Pipeline (516)	-----	-----	-----	-----	-----	-----	-----	+1	
Watering Facility (614)	-----	-----	-----	-----	-----	-----	-----	+4	
Riparian Forest Buffer (391)	+1	+1	+1	+5	+5	-----	-1	-----	
TOTAL:	+5	+5	+10	+13	+13	+10	+6	+6	

EFFECTS GUIDANCE DOCUMENT FOR ALTERNATIVE RESOURCE CONCERN

RESOURCE CONCERNS

Alternative #2	Soil			Water	Plants		Animals		Air
	Sheet and Rill Erosion	Soil Erosion - Streambank	Soil Condition - Compaction	Water Quality – Excessive Suspended Sediment in Surface Water	Plants not adapted or suited	Productivity, Health and Vigor	Domestic Animals – Inadequate Quantities and Quality of Feed and Forage	Domestic Animals – Inadequate Stock Water	
Streambank and Shoreline Protection (580)	-----	+5	-----	+3	-----	-----	-----	-----	N/A
Use Exclusion (472)	+1	+4	+5	+4	+1	+4	-----	-----	
Fence (382)	-----	-----	-----	-----	-----	-----	-----	-----	
Nutrient Management (590)	+1	-----	+1	-----	+1	+4	+1	-----	
Prescribed Grazing (528)	+4	-----	+4	+2	+3	+2	+5	-----	
Pond (378)	-----	-----	-----	-----	-----	-----	-----	+5	
Pipeline (516)	-----	-----	-----	-----	-----	-----	-----	+1	
Watering Facility (614)	-----	-----	-----	-----	-----	-----	-----	+4	
TOTAL:	+6	+9	+10	+9	+5	+10	+6	+10	