ANDOC CO 4:-D., 4:-Matia

Effects of NRCS	s Co	nservation Practices - National		
Salinity and Sodic Soil M	ana	gement	Code: 610 - 7	
Management of land, water and plants to reduce a zone.	ccumula	ations of salts and/or sodium on the soil surface and in the crop rooting	Units: ac F-Aso Land Pr-Protected F-Forest C-Crop	
Soil Erosion	Effect	Rationale	Typical Landuse: CFRPPrFSD OAL	
Soil Erosion - Sheet and Rill Erosion	0	Not Applicable		
Soil Erosion - Wind Erosion	0	Not Applicable		
Soil Erosion - Ephemeral Gully Erosion	0	Not Applicable		
Soil Erosion - Classic Gully Erosion	0	Not Applicable		
Soil Erosion - Streambank, Shoreline, Water Conveyance C	0	Not Applicable		
Soil Quality Degradation Organic Matter Depletion	0	Not Applicable		
Compaction	0	Not Applicable		
Subsidence	0	Not Applicable		
Concentration of Salts or Other Chemicals	2	Salts in the root zone are reduced by leaching, drainage and/or plant management.		
<u>Excess Water</u> Excess Water - Seeps	0	Not Applicable		
Excess Water - Runoff, Flooding, or Ponding	0	Not Applicable		
Excess Water - Seasonal High Water Table	0	Not Applicable		
Excess Water - Drifted Snow	0	Not Applicable		
Insufficient Water Insufficient Water - Inefficient Use of Irrigation Water	2	Control of salt improves use of available water.		
Insufficient Water - Inefficient Moisture Management	2	Control of salt improves use of available water.		
<u>Water Quality Degradation</u> Pesticides in Surface Water	0	Not Applicable		
Pesticides in Groundwater	0	Not Applicable		
Nutrients in Surface water	0	Not Applicable		
Nutrients in Groundwater	0	Not Applicable		
Salts in Surface Water	-2	Salts leached from the root zone by drainage may enter surface water.		
Salts in Groundwater	-2	The action requires removing salts from the root-zone. Leaching is one alternative and degree of effect depends on the amo		
Excess Pathogens and Chemicals from Manure, Bio-solic	0	Not Applicable		
Excess Pathogens and Chemicals from Manure, Bio-solic	-1	Leaching salts from the root zone may also leach pathogens.		

Excessive Sediment in Surface Water	0	Not Applicable			
Elevated Water Temperature	0	Not Applicable			
Petroleum, Heavy Metals and Other Pollutants Transporte	0	Not Applicable			
Petroleum, Heavy Metals and Other Pollutants Transporte	-1	Leaching salts from the root zone may also lea	ach heavy metals.		
Air Quality Impacts					
Emissions of Particulate Matter (PM) and PM Precursors	1	Preventing or reducing salt accumulation in the soil leads to improved vegetative cover, reducing the potential for soil movement by wind.			
Emissions of Ozone Precursors	0	Not Applicable			
Emissions of Greenhouse Gases (GHGs)	1	Preventing or reducing salt accumulation in the soil leads to improved vegetative cover, which improves CO2 removal from the atmosphere and stores it in the form of carbon in the plants and soil.			
Objectionable Odors	0	Not Applicable			
Degraded Plant Condition					
Undesirable Plant Productivity and Health	2	Management of salts and the use of soil amendments improves plant productivity and vigor.			
Inadequate Structure and Composition	2	Management of salts and the use of soil amendments enhances suited and desired species.			
Excessive Plant Pest Pressure	0	Not Applicable			
Wildfire Hazard, Excessive Biomass Accumulation	0	Not Applicable			
Fish and Wildlife - Inadequate Habitat					
Inadequate Habitat - Food	0	Not Applicable			
Inadequate Habitat - Cover/Shelter	0	Not Applicable			
Inadequate Habitat - Water	0	Not Applicable			
Inadequate Habitat - Habitat Continuity (Space)	0	Not Applicable			
Livestock Production Limitation					
Inadequate Feed and Forage	4	Forage vigor and quantity is improved through effective management of soil salinity and sodium.			
Inadequate Shelter	0	Not Applicable			
Inadequate Water	0	Not Applicable			
Inefficient Energy Use					
Equipment and Facilities	0	Not Applicable			
Farming/Ranching Practices and Field Operations	0	Not Applicable			
			CPPE Practice Effects:	0 No Effect	
			5 Substantial Improvement	-1 Slight Worsening	
			4 Moderate to Substantial Improvement	-2 Slight to Moderate Worsening	
			3 Moderate Improvement	-3 Moderate Worsening	
			2 Slight to Moderate Improvement	-4 Moderate to Substantial Worsening	
			1 Slight Improvement	-5 Substantial Worsening	