Salinity and Sodic Soil Management (610) **OKLAHOMA**

Cost Data

Typical Implementation Scenario

610.1 Establishing Grass on Salt Area

This practice will be used to establish grass on saline, saline seeps, or alkaline (sodic) areas of a field. The saline or alkaline soils are to be identified using designated procedures in the Oklahoma NRCS 610 standard. Additional treatment required to reclaim the area will be planned and applied accordingly. Grass species selected for planting must have the appropriate salt tolerance for the designated area as listed in Technical Note OK-17, Table 1. The Oklahoma NRCS Critial Area Planting (342) standard will be used as guidance for grass establishment in the salted area.
This practice includes the costs for perennial grass, tractor, drill/sprigger and labor to plant grass in salted areas.

Data Source: 2006-2007 actual cost data

Geographic Area:	Statewide	
Unit for Cost Estimate:	Acre	
Practice Life (Years):	1	
Discount Rate (%/Year):	5%	**Cost/Unit**
Materials		
Grass Seed/Sprigs		$80.00
Equipment/Installation/Labor		
Tractor/Drill/Sprigger/Labor		$20.00
Labor		$0.00
Included in Equipment/Installation Cost		
Mobilization		$0.00
None		
Operation & Maintenance		$0.00
0% O&M factor		
Acquisition of Technical Knowledge		$0.00
Calibrate and operate seed drill/sprigger, manage perennial grass		
Forgone Income		$0.00
None		
Risk		$0.00
Reduced risk, less erosion		
Administration & Permit Costs		$0.00
None		
Total Cost Estimate:		**$100.00**

Salinity and Sodic Soil Management (610) **OKLAHOMA**

Cost Data

Typical Implementation Scenario

610.2 Applying Gypsum for Soil Reclamation

This practice is to be used to assist in reclaiming alkaline (sodic) areas of a field by applying gypsum. Gypsum is applied to replace the sodium in the soil and allow it to leach through the soil profile. The soils are to be identified using designated procedures in the Oklahoma NRCS 610 standard. Additional treatment required to reclaim the area will be planned and applied accordingly.

This practice includes the costs for gypsum and its application.

Data Source: 2006-2007 actual cost data

Geographic Area:	Statewide	
Unit for Cost Estimate:	Ton	
Practice Life (Years):	1	
Discount Rate (%/Year):	5%	**Cost/Unit**
Materials		
Gypsum		$20.00
Equipment/Installation/Labor		
Application of gypsum		$8.00
Soil Salinity Test		$2.00
Labor		$0.00
Included in Equipment/Installation Cost		
Mobilization		$0.00
None		
Operation & Maintenance		$0.00
0% O&M factor		
Acquisition of Technical Knowledge		$0.00
Application of Gypsum		
Forgone Income		$0.00
None		
Risk		$0.00
Reduced risk, less erosion		
Administration & Permit Costs		$0.00
None		
Total Cost Estimate:		**$30.00**