



Salinity and Sodic Soil Management (610) Conservation Practice Job Sheet

Colorado

Cooperator: _____ Date: _____
 Tract/Field No(s): _____ Planner/Location: _____

Purpose for Planning and Applying this Practice (check all that apply)

- Reduce and control harmful salt concentrations in the rooting zone
- Reduce problems of crusting, permeability, or soil structure on sodium affected soils
- Promote desired plant growth and utilize excess water in the root zone
- Seep control in non-irrigated saline seeps and associated recharge areas

Specifications

- 1) Attach a plan/soils map that indicates the location of salinity/sodium affected areas, saline seep recharge areas and saline seep outlet or discharge areas.
- 2) Attach geologic investigation results that indicates the location (depth and extent) of materials that contribute to the salinity/sodicity of saline seep recharge areas and or impervious layers that cause hillside seeps.
- 3) Attach soil test results used to determine current soil salinity/sodicity, plus previous soil test results to evaluate treatment effectiveness and potential need for revision.
- 4) Attach water analysis results used to determine suitability for irrigation and leaching.
- 5) Attach seeding recommendations (CO-ECS-5), IWM Plan (CO-449-JS1) and or Nutrient Management Plan (CO 590 JS), as applicable.
- 6) Enter the following information for each field included in this plan.

	Field _____	Field _____	Field _____	Field _____
Acres:	_____			
Soil Survey Area/Map Unit:	_____			
Seep or Recharge Area:	_____			
Planned Crop or Cover:	_____			
Irrigated Y/N:	_____			
Planned Leaching Fraction:	_____			

Additional Requirements/Recommendations

Operation and Maintenance

- 1) Maintain all equipment for the proper placement and distribution of amendments and irrigation water.
- 2) Monitor the germination and growth of seedlings along with soil dispersal and crust formation to determine if toxic levels of salt or sodium remain.
- 3) Develop a management strategy to reduce the re-occurrence of salt and/or sodium problems.
- 4) Identify any required items needed to assist in stand management such as mowing, flash grazing and or herbicides to control weeds.
- 5) Address insect and disease control where they are likely to create establishment problems.
- 6) Address any necessary replanting due to drought, insects, or other uncontrollable events that prevent adequate stand establishment.
- 7) Replanting activities may vary from complete re-establishment to overseeding or spot replanting.

Certification

I have reviewed this plan including the Operation and Maintenance requirements and agree to implement as designed.	
<i>Cooperator</i>	<i>Date</i>
I certify that this application meets practice planning criteria and complies with applicable laws and regulations.	
<i>Conservationist</i>	<i>Date</i>