



DeSalt Plus™

FIRST RESPONSE For Protection & Remediation of Soils Contaminated by Recent Salt Water Spills

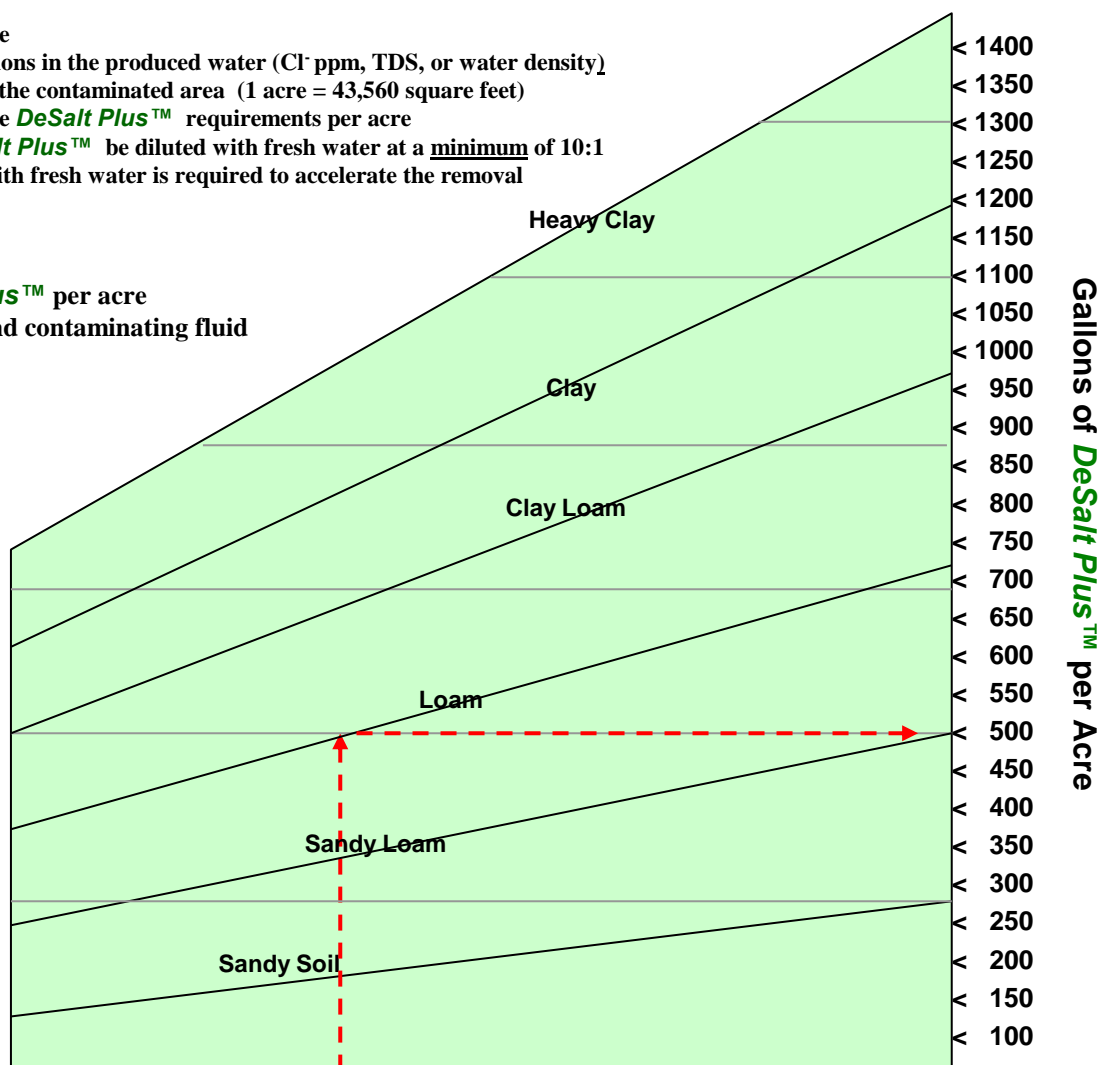
DeSalt Plus™ is the quick response, low cost approach to remedy your environmental issues caused by salt water contamination. **SOS Environmental's** specialty products and services were developed through collaboration between Chemical, Agricultural and Oil & Gas Service Operators. With over 20 years experience bringing **Solution On Site** to solve these problems, **SOS** has become a recognized authority and premier provider of products and services to industry and to environmental service companies across the globe.

This **First Response Chart** is to be used as a guideline for treatment of recent soil contamination from salt water leaks or spills. Quick application of the DeSalt Plus soil amendment will strip initial sodium contamination from the soil and block further damage. For best results it should be applied as soon as possible and before any "flushing" with fresh water. If the contaminated site is over 90 days old the soil may need to be analyzed to determine the sodic soil condition. Basic soil test should include Cation Exchange Capacity (CEC) and Exchangeable Sodium Percentage (ESP) to determine the optimum amendment requirements.

To use the chart below:

- (1) Select the appropriate soil type
- (2) Determine the salt concentrations in the produced water (Cl⁻ ppm, TDS, or water density)
- (3) Determine the size in acres of the contaminated area (1 acre = 43,560 square feet)
- (4) Using the graph, determine the **DeSalt Plus™** requirements per acre
- (5) It is recommended that **DeSalt Plus™** be diluted with fresh water at a minimum of 10:1
- (6) After application, irrigation with fresh water is required to accelerate the removal of the contamination.

Gallons of **DeSalt Plus™** per acre
Based on Soil types and contaminating fluid



Produced =	Cl ⁻ (1,000ppm)	40	50	60	70	80	90	100 +	
Water	TDS (NaCl ppm)	65.9	82.4	98.8	115.4	131.8	148.3	164.8	
	Density (Lb/Gal)	8.7	8.8	8.9	9.0	9.1	9.2	9.3	9.4

SOS Environmental provides a full service team to perform site evaluations, field-testing, remediation recommendations or proposals, application of required amendments, as well as, site managing and monitoring through closure. **SOS** and our **DeSalt Plus** distributors can provide the soil amendments, specialized equipment and field personnel to support your operation. **SOS** personnel are ready to work in conjunction with your environmental service group or consultant. We are the service company to you and your team.

For more information or technical support e-mail us at info@sosenviromental.com
Or visit our web site at sosenvironmental.com