



Seaweed Supplements  
 Soil Conditioners  
**Soil Remediation**  
 Specialty NPK Blends  
 Micronutrients  
 Soil Moisture Management  
 Combination Products  
 Pond & Lake Management

**Benefits of Use:**

- Quickly reduces sodium levels
- Improves soil tilth and structure
- Reduces standing water and runoff
- Improves water penetration
- Calcium supply for turf
- Cost effective
- Easy to use

**Problems Addressed:**

- Soils irrigated with poor quality irrigation or reclaimed water
- Soils near roadways, sidewalks and driveways treated with salts for snow removal
- Soils with inherent high sodium levels
- Coastal areas affected by saltwater intrusion.
- Soils affected by fertilizer salt build-up

**Guaranteed Analysis:**

Total Nitrogen (N).....5.00%  
 5.00% Urea Nitrogen (N)  
 Calcium (Ca).....12.00%  
 12.00% Calcium (Ca)

**Derived From:**

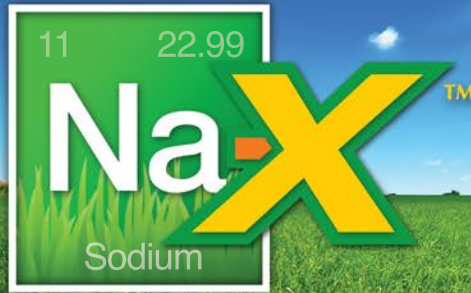
Urea, Calcium Chloride.

**Physical Characteristics:**

11.68 lbs./gal. (1.4 lbs. Ca/gal.); pH 6.3 - 6.6

**Container Sizes & Model Numbers:**

2.5 Gallon Jug            Model #57056  
 30 Gallon Drum        Model #57057  
 275 Gallon Tote        Model #57059



## Soil Salt Flush 5-0-0-12Ca

Sodic soils are those that contain a high level of sodium on cation exchange sites. In these soils, clay and organic matter is dispersed, filling pore space, which creates dense layers that reduce water infiltration and limit root growth. Left untreated, sodic soils will lead to a decline in turf and plant health.

Na-X Soil Salt Flush is a soluble electrolyte solution of urea nitrogen and calcium designed to rapidly reduce sodium salt levels and improve soil structure.

Calcium is the strongest cation available to displace sodium on cation exchange sites, removing sodium quickly, improving soil structure and increasing hydraulic conductivity. However, the rate and efficiency of the displacement of sodium is directly related to the calcium concentration in the soil water solution. As a liquid calcium electrolyte solution, Na-X contains high levels of free exchangeable calcium ions that quickly overwhelm and displace sodium ions.

In addition to displacing sodium ions, calcium improves soil structure by flocculating clay fractions. Structure is critical to soil health, particularly in heavy soils where the movement of water and nutrients is entirely dependent on their configuration. Without flocculation, soil particles (sand, silt and clay) do not bind together. The calcium in Na-X causes the soil particles to come together to form the structure that allows water and air to flow unimpeded through the soil profile. This also allows the sodium to be carried away by flush water once it is displaced from the soil colloid.

Along with the nitrogen in Na-X, excess calcium is available for uptake by plant roots, improving stem strength and leaf structures.

**Application Instructions:**

Na-X may be applied through fertigation or conventional spray as a stand-alone application. Apply 32 to 64 oz. of Na-X diluted in 2 gallons of water per 1,000 sq.ft. (10 to 22 gallons of Na-X diluted in 80 gallons of water per acre). Water in immediately following the application with enough water to saturate the soil profile. Repeat applications every two weeks until sodium drops to an acceptable level. Shake well before using.

**Compatibility:**

Do not mix with sulfates or phosphates. Na-X is designed as a stand-alone application, tank mixing is not recommended.

**Handling and Storage:**

Store between 40°-120° F. Avoid direct heat or fire. Decomposition may occur at high temperatures. Avoid freezing. Keep out of reach of children. Refer to product SDS for additional safety instructions.

