



# SODIUM KNOCKOUT 5-0-0

With 6% CALCIUM & NATURAL WETTING AGENT

- REDUCES SOIL AND WATER SALINITY
- REDUCES DRY SPOTS AND IMPROVES WATER FILTRATION
- IMPROVES SOIL STRUCTURE

**GUARANTEED ANALYSIS:**

Total Nitrogen (N) .....5%  
 5% Nitrate Nitrogen  
 Calcium (Ca) .....6%  
 Derived From: Calcium Nitrate, Calcium acetate.

**ALSO CONTAINS NON-PLANT FOOD INGREDIENTS:**

1% .....Natural Wetting Agent(Yucca schidigera)  
 0.1% .....Fulvic Acid (derived from Leonardite)  
 Weight per Gallon ..... 10.9 lb  
 Weight per Liter .....1.3 Kg  
 pH .....6

**PRODUCT DESCRIPTION:**

KnockOut is a new and unique combination product that contains readily available calcium and a natural surfactant/wetting agent from yucca. It is an effective tool to reduce sodium levels in soils or bicarbonate accumulation from irrigation water. KnockOut quickly penetrates even the most difficult soils. It will also increase the permeability of soils while reducing soluble salts that build up in soils from high water salinity. It can be used on soilless media where excessive salt build up often occurs from continued use of pesticides and high salt fertilizers. Soil salinity is one of the most serious turf problems especially, in high pH soils. KnockOut's calcium is in a 100% soluble form that is immediately available to react with the sodium, unlike gypsum based products. It is a much safer alternative to chlorides and sulfates.

KnockOut will improve soil structure, enhance better rooting, water infiltration and improve overall turf quality.

**APPLICATION RECOMMENDATIONS:**

Correcting harmful saline-sodic and sodic soils must be carried out in steps beginning with restoration, followed by continued maintenance. Make repeated applications 2 - 4 weeks apart. Following treatment, apply adequate irrigation to wash product into the soil.

**CAUTION:** Keep out of reach of children. In case of contact with eyes, flush immediately with copious amounts of water. Contact a physician. Do not take internally.

- IMPROVES ROOT GROWTH & NUTRIENT UPTAKE
- REDUCES BICARBONATES
- CONTAINS YUCCA SOIL PENETRANT

Turf Soil Applications		
Application	Rate Per Acre (Ha)	Frequency
All Types of Cool Season and Warm Season Grasses	Maintenance: 1 gallon/acre (9 L per Ha)	Apply every 2 - 4 weeks as needed. Mix with sufficient water to thoroughly drench soil area. Test soil periodically
	Restoration: 2 gallons/acre (19 L per Ha)	
Landscape Plantings, Trees, Shrubs & Ornamentals		
Soil Drench:	2 - 3 ounces per gallon of water. Thoroughly drench soil around planted area (59 - 88 ml per 4 L water) Repeat as needed.	

**STORAGE & HANDLING:**

Store in normal warehouse areas. Keep from Freezing.

**MIXING:**

The following mixing procedure should be followed after KnockOut has been diluted with appropriate amounts of water. Add products to mix in this order: 1. wettable powders, 2. flowables, 3. water solubles, 4. surfactants, 5. emulsifiable concentrates. Be sure to agitate during each addition. Be sure each product is mixed well before adding the next. Apply all of mixture in same day. Always use a jar test before mixing KnockOut with pesticides and fertilizers in your tank.

Manufactured in the USA By:

