



# XL 25-5-10 PALM PROMOTER

**FOR SOIL INJECTION AROUND THE ROOT AREA OF PALM TREES  
WITH SLOW RELEASE NITROGEN**

## GUARANTEED ANALYSIS

Total Nitrogen (N) ..... 25.000%  
 3.2% Nitrate Nitrogen  
 2.0% Ammoniacal Nitrogen  
 10.0% Water Insoluble Nitrogen  
 9.0% Water Soluble Nitrogen  
 Available Phosphate (P<sub>2</sub>O<sub>5</sub>)..... 5.000%  
 Soluble Potash (K<sub>2</sub>O)..... 10.000%

Net weight 40 lbs.

### Secondary Plant Foods:

Magnesium (Mg).....1.000%  
 Sulfur (S) (Free)..... 0.129%  
 Sulfur (S) (Combined) ..... 2.345%  
 Boron (B) ..... 0.020%  
 Copper (Cu)..... 0.020%  
 Iron (Fe) .....0.350%  
 Manganese (Mn) ..... 0.500%  
 Molybdenum (Mo) .....0.001%



# NUTRI-SUL 90

**ELEMENTAL SULFUR 90%  
WETTABLE SULFUR TO LOWER PH OF ALKALINE SOILS**

## GUARANTEED ANALYSIS

Sulfur(s).....90.0%

*Attention: Sulfur dust in air may explode.  
Do not air convey.*

Explosive Limits in Air:  
Upper 35 Gr. per Cu. M.  
Lower 1400 Gr. Per Cu. M.

*Sulfur ignites easily — eliminate all  
sources of ignition.*

Net weight 50 lbs.

When this sulphur is applied to soils it is attacked by soil microorganisms to form sulphuric acid. This sulphuric acid in turn supplies the sulphate ion which is taken up by the plant. The acidifying effect of sulphur oxidation in the soil lowers the soil pH and allows uptake of soil nutrients and particularly iron.

We recommend injection of this material directly into the soil as the speed of oxidation to sulphuric acid depends mainly on the extent of contact between sulphur and the soil. Injection on a grid allows for fine division and wide dispersion into the soil.

### Mixing recommendations — per 100 gallons

Soil pH	Sandy Soil	Clay Soil
7.5	5 lb.	8 lb.
8	7 lb.	10 lb.
8.5	12 lb.	15 lb.

Research has shown that unobstructed tree feeder roots tend to be in the top 6" of soil. Therefore we recommend that the probe or hydraulic needle be inserted no deeper.

Injections should be every 2-1/2 feet square on a grid starting approximately five feet from the trunk and extending beyond the drip line. A site judgment and/or a core sample can be made to determine extent of roots.

*The manufacturer disclaims all responsibility for damage to plants and equipment through the use of this product whether used in accordance with directions or not.*