# NUTRI-SUL 90

## ELEMENTAL SULFUR 90%

## Wettable Sulfur to lower pH of alkaline soils

When this sulphur is applied to soils it is attacked by soil micro-organisms 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 directly into the soil of this material 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 | 9 lb. | 12 lb. |
| 9 | 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 2½ feet square on a grid starting approximately five feet from the trunk and extending beyond the dripline. Many trees situated in good soil and open areas will have root systems extending well beyond the dripline. A site judgement and/or a core sample can be made to determine extent of roots.

**GUARANTEED ANALYSIS:**

SULFUR ($) FREE ..... 90%
Derived from elemental sulfur.

**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.
Sulfer Ignites Easily: Eliminate all sources of ignition.

**NET WEIGHT. 50 lbs.**

Doggett Corporation makes no warranties expressed or implied as to the performance of this product.