

# Super S(11-0-0-75)

## The smart Sulphur choice

### Urea activated Sulphur

Super S(11-0-0-75) utilizes Shell Thiogro technology to produce a unique fertilizer in which micronized elemental Sulphur is evenly dispensed in urea in one granule. The unique formulation of Super S offers a plant-available Sulphur formulation that is able to meet the crops immediate and season-long needs.

The Super S dispersion mechanism involves urea dissolving in soil moisture leaving clusters of micronized Sulphur particles which then crumble. Soil can also use the urea as partial energy to further speed up the process of breaking down the Sulphur.

## Super S(11-0-0-75), Urea + Sulphur

### Shell Thiogro Technology - Urea Activated Sulphur

## Product Features

### Flexible application

Low salt index allows for seed row, sideband, mid row band & broadcast application

### Immediate & Season Long Plant Availability

Elemental sulphur breaks down within 2 weeks and then continues over the life of the crop

### High Nutrient content- efficient application

High nutrient content allows for efficient seeding operations. At 15lbs/acre of actual S, a MT of Super S will cover 110 acres.

### Strong impact resistance

Higher shatter resistance than traditional Sulphurs results in less dust during handling

### Low Moisture content-less caking

Low moisture content results in minimal to no caking even in humid conditions

### Improved microbial activity

Thiobacillus populations increase with Super S

### Uniform product size

Uniform product size allows for even nutrient distribution and optimal blending

### Environmentally Friendly

Reduced risk of leaching and runoff



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## GUARANTEED ANALYSIS

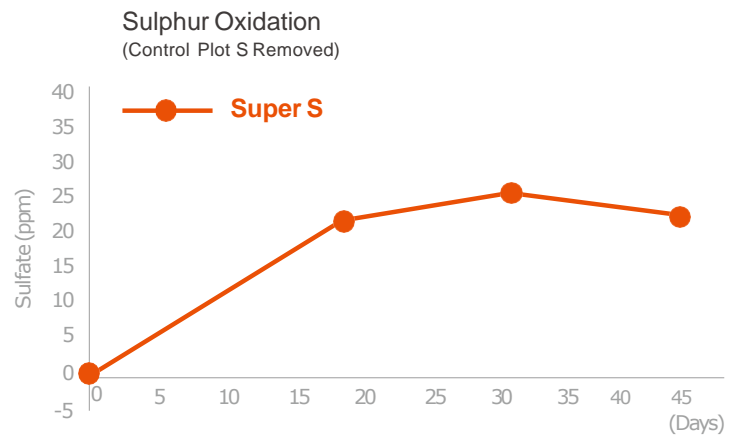
Total Nitrogen (N) ..... 11%  
 Derived from Urea  
 Sulphur (S) ..... 75%

## SULPHUR RELEASE CURVE

**Quick Oxidation and Season long Supply of Sulphur**  
 Oxidation trials show that 'Super S' has faster availability

## APPLICATION FEATURES

Blends well with most conventional dry fertilizer  
 SGN : 300\*  
 Bulk Density : 77.4 lbs/ft<sup>3</sup>  
 Angle of Repose : 32 Low  
 Salt index : 17.8  
 Excellent storage properties  
 Available in 1200kg totes, bulk, and 25kg bags



## SALT INDEX

	AMS	ATS	Super S
Salt Index	68.3	74.4	17.8

## HEAVY METAL CONCENTRATIONS (PPM)

Maximum Heavy Metal	Super S	Maximum Heavy Metal	Super S
Arsenic	2.5	Molybdenum	1
Cadmium	1	Nickel	1
Lead	1	Zinc	1



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