1 Internationally Developed Fertiliser “Super S” - The Sustainable Sulphur Solution

Super S, H Sulphur’s flagship fertiliser product, utilises Shell Thiogro technology to produce a unique fertiliser in which micronised elemental Sulphur is evenly dispersed in Urea.

- 11% Urea based Sulphur enhanced Sulphur fertiliser with 75% micronized elemental Sulphur
- The product can be blended with other inputs or directly applied to meet a wide spectrum of nutrient requirements.

2 Innovative 11% Nitrogen and 75% Sulphur Fertiliser

Micronised elemental Sulphur particles offer advantages in product performance

- Sulphur to Sulphate conversion that occurs quick enough to meet plant immediate needs and lasts throughout the growing cycle.
- Lower risk of Sulphate losses through leaching and low salt index makes Super S seed safe compared to Ammonium Sulphate
- The Micronised particle size of Elemental Sulphur in Super S offers availability improvements to traditional forms of elemental Sulphur
- Higher Nutrient Density reduces the number of kg/ha required
  - Includes 11% Nitrogen (Where Bentonite does not)
  - Includes 75% S (vs 24% Ammonium Sulphate)
- Soil microbes can use the Urea as a partial energy source to break down the Sulphur

A patented process to suspend micronised elemental Sulphur in a matrix of Urea

Authorised Shell Thiogro Licensee  TEL: +82-2-3448-5155-8, hsc@hsulphur.com
Quick Oxidation and Season long Supply of Sulphur
Oxidation trials show that ‘Super S’ has faster availability

Sulphur Oxidation (Control Plot S Removed)
- Super S

‘Super S’ Increases Crop Yields
Continuous Sulphur supply increases crop yield

CORN YIELD TRIAL - IOWA 2017
CORN YIELDS - DENVER, IA

<table>
<thead>
<tr>
<th>Yield bu/ac</th>
<th>UREA 46-0-0-0</th>
<th>Super-S 11-0-75ES</th>
<th>5-bentonite 0-0-0-90</th>
<th>Side Dress Application AMS 21-0-0-24</th>
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<td>230</td>
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(Sources: Acres Research)

Super S – Economical and sustainable

Residual soil Sulphate levels post harvest combined with comparable yield results suggest sufficient oxidation for Super-S within the growing season, while offering residual benefits for future crops.

RESIDUAL SOIL SULPHATE levels POST HARVEST
(Plant Sulphur Uptake Not Included)

- UREA 46-0-0-0
- Super S 11-0-0-75ES
- AMS 21-0-0-24

(Source: The University of Missouri: Fisher Delta Research Center)