

TESSENDERLO
Kerley

Thio-Sul®

EST. 1919

INHIBITOR PREVENTING NITROGEN LOSSES
HOMOLOGATED
Registered in France under AMM 11171327
Patent EP4045475

Liquid crop nutrition

Thio-Sul®

Your Harvest, Our Passion - TRUST THE ORIGINAL

The only liquid nitrogen fertilizer with unique sulfur, thiosulfate and with two inhibition properties
Best solution for cereal and oil crops helping enhance nitrogen use efficiency



UNIQUE SOLUTION

- Homologated inhibitor preventing nitrogen losses
- Immediately available nitrogen and sulfur + prolonged sulfur, essential for optimal yield and quality
- Convenient solution, easy to blend and safe to use



PREMIUM QUALITY

- Unique thiosulfate sulfur in the greatest concentration
- Consistently superior quality liquid
- Continuous year-round supply



SUSTAINABLE ANSWER

- Liquid precision farming
- Enhanced nutrient uptake
- Efficient storage, logistics and application



INDUSTRY LEADER

- The no. 1 thiosulfate producer with decades of expertise
- The only thiosulfate producer dedicated to agriculture
- Global footprint, local solutions



Thio-Sul®

Weight / Weight : 12 - 0 - 0 - 26 S
Weight / Volume : 16 - 0 - 0 - 35 S

CHARACTERISTIC	VALUE
density	1.33 kg/l
pH	between 6.8 and 8.8
total nitrogen	160 g/L
total sulfur	346 g/L
SOT (salt-out-temperature)	+4°C

Unique thiosulfate

- High nutrient concentration allows application adapted to the crop's growth stage
- Enhances uptake of essential nutrients like iron, manganese, and phosphorus
- Chloride-free solution

Liquid precision

- Precise application: minimize nutrient losses, maximize crop uniformity
- Ideal for precise tailored dosing based on specific plant needs
- No risk of blocking application equipment

Healthy soils, healthy crops

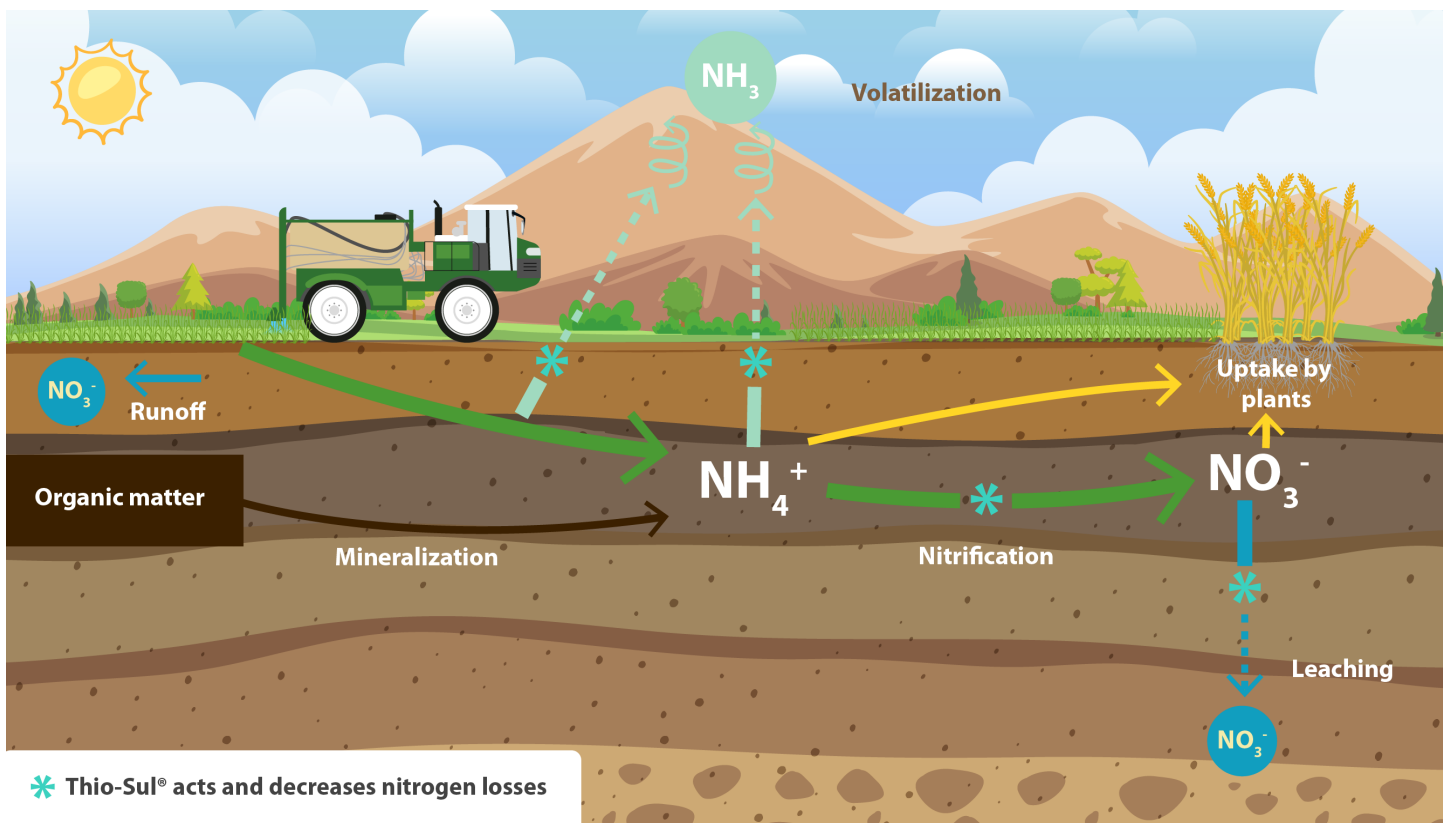
- Increases protein and oil content levels
- Stimulates microbial life helping improve soil health and soil aeration
- Strengthens root development, important for the crop's resistance to stress



Application

Thio-Sul® can be blended with a nitrogen solution or used alone.

- Cereals (wheat, barley, rye, etc.): crop sulfur requirement: 20 kg S/ha.
 - Recommended volume of Thio-Sul® 60 L/ha or in the nitrogen solution 13-15%.
 - Number of passes with Thio-Sul®: on the first two applications.
- With oil-producing seeds (rapeseed, sunflower, etc.): crop sulfur requirement: 34 kg S/ha.
 - Recommended volume of Thio-Sul® 100 L/ha or in the nitrogen solution 17-22%.
 - Number of passes Thio-Sul® is applied on the two applications.



Tessengerlo Kerley, a Belgian-based global leader in potash and sulfur crop nutrition, and pioneer in thiosulfate production



worldwide presence and state-of-the-art manufacturing plants in Europe



dedicated to the power of precision to drive sustainable agriculture



supporting farmers and distributors with reliable, convenient, precise, and profitable solutions



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