

Thio-S-Am

Liquid Ammonium Thiosulphate Fertilizer 12 - 0 - 0 + 26S

Thio-S-Am is a clear liquid Nitrogen and Sulphur fertilizer consisted by ammonium thiosulphate which increases the crop yield while affecting the Nitrogen-Sulphur balance in the soil and increasing the content of Sulphur in soils poor in Sulphur. Furthermore, **Thio-S-Am** helps plants to assimilate and utilise better the rest soil nutrients such as phosphorus, zinc, manganese, copper and iron.

Thio-S-Am is being degraded by the soil micro organisms while releasing nitrogen and sulphur. The released Sulphur is in the form both of sulphates (SO₄) and of elementary Sulphur (S). Sulphates are readily available by the plants and at the same time they reduce the soil pH in alkaline soils and break down the bicarbonates allowing in this way Sodium to wash off from the irrigation water. Elementary sulphur is being oxidized gradually providing plants sulphur for a longer period of time in relation to other sulphate fertilizers.

Besides that, **Thio-S-Am** acts as an inhibitor of nitrification and urease and as a result it reduces nitrate nitrogen losses by leaching and ammonia nitrogen losses by evaporation especially when it is mixed with other UAN fertilizers.



PROPERTIES

- Excellent source of Nitrogen and Sulphur.
- Reduces soil pH.
- Reduces the levels of Sodium and Bicarbonates in the soil.
- Increases the nutrient availability in the soil.
- Improves water and air penetration in the soil.
- Eliminates the nitrification of the soil's nitrogen.

APPLICATION RATES

Thio-S-Am can be used before planting or sowing as a starter fertilizer, also during growth by fertigation according to the type of the crop and the handling of the grower.

SOIL APPLICATION

Vegetables and other row crops: Apply 10-30 l/ha diluted at a rate 1:50-100 prior to sowing. Apply at least 5 cm below or next to the planting row of the seed.

Trees-Vinyards: 50-100 l/ha diluted at a rate 1:50-100.

FERTIGATION

Drip irrigation: 10-60 l/ha with watering.

Sprinkler irrigation: 10-150 l/ha with watering.

Flood or furrow irrigation: 50-150 l/ha with watering.

Foliar application: 50-150 l per ha with a soil sprayer.

