

# MIST TPS



**MIST-TPS®** is a high-quality mineral nanoparticle dispersion. Its sulfur/calcium/magnesium ratio comes from the mineral source and is enriched with 99.9% elemental sulfur. It is recommended for balancing soil pH and replenishing basic cations in depleted soils. Also contributes calcium, magnesium, and sulfur for plant nutrition.

## BENEFITS:

1. Quick calcium assimilation improves overall nutrient transport.
  2. Ideal for reconditioning long-cultivated soils with depleted base cations.
- Improves soil structure and productivity.

## GUARANTEED CONTENT:

Calcium: 8.8%  
Magnesium: 1.9%  
Sulfate Sulfur (SO<sub>4</sub>): 3.6%

## PHYSICOCHEMICAL PROPERTIES:

pH: 6.9 at 20°C  
Density: 1.21-1.36 g/cc  
Reaction / Index: NEUTRAL

## STORAGE CONDITIONS:

- Store between -5°C and 35°C.
- Keep in a cool place, away from direct sunlight.
- Avoid vapor formation.

## VOLUME:

15 L Bag-in-Box.

## PACKAGING:

Shipping presentation: Standard pallet of 56 boxes (840 L)  
– easily transportable in light trucks and enough to cover 400+ hectares.

## APPLICATION & DOSAGE:

**Extensive, Industrial, Fruit crops:**

Drench at the base or fertigation.

2 to 4 lts/ha per application.

Crop	Applications	L / Ha per application	Total L / Ha	1st Application / 2 nd Application
Soybean	2	1.5 a 2	3 a 4	Fallow to Planting / 3rd-6th leaf stage
Corn	2	1.5 a 2	3 a 4	Fallow to Planting / 4th to 6th leaf stage
Wheat	2	1.5 a 2	3 a 4	Fallow to Planting / Tillering
Barley	2	1.5 a 2	3 a 4	Fallow to Planting / Tillering
Sunflower	2	1.5 a 2	3 a 4	Fallow to Planting / 3rd-6th leaf stage
Pastures	2	1.5 a 2	3 a 4	After Grazing or Cutting / Beginning of Flowering
Rice	2	1.5 a 2	3 a 4	Fallow to Planting / 5th-8th leaf stage
Cotton	2	1.5 a 2	3 a 4	Fallow to Planting / 2nd-3rd leaf stage

**Intensive Crops (Horticulture):** 2 to 5 L/ha per application

→ 30 to 40 L/ha total per crop cycle.

## RECOMMENDATIONS:

- Homogenize product before use (shake vigorously)
- Maintain agitation during mixing
- Sprayer: 80-100 L/ha of water, 2-3 bar pressure, 18-20 km/h, hollow cone nozzles
- Fertigation: Prepare a mother solution with 50% of water volume, agitate constantly. Avoid air blowers.

## Sprayer Use:

- Clean the machine thoroughly beforehand.
- Mix the recommended dose with 50% of the total water volume, under continuous agitation.
- Use 80-100 L/ha of water; keep spray pressure between 2 and 3 bar (not exceeding 3).
- Maintain application speed between 18-20 km/h.
- Use hollow cone nozzles.
- During refills, don't let the tank empty; maintain at least 15% volume for proper remixing.
- After application, rinse with 200 L of water, then clean as usual.

## Fertigation:

- Prepare a mother solution with the recommended dose and 50% of irrigation water.
- Add remaining water with constant agitation.
- Avoid air blowers.
- After use, flush the system with clean water.

## PRECAUTIONS & WARNINGS:

This product's declared content and concentrations are guaranteed.

However, external factors like mix preparation, application method, and weather conditions may affect performance and are beyond the company's control.

The user is responsible for any crop, soil, or equipment damage resulting from partial or total disregard of label instructions.

Use only when agronomically necessary and do not exceed the recommended doses.

Application under professional agronomic advice is recommended.