

MIST TPS 65



MIST TPS 65® is a high-purity mineral nanoparticle dispersion. The natural Ca/Mg ratio from its origin is preserved and enriched with elemental sulfur during the production process.

This Calcium/Magnesium combination enhances nutrient uptake and is vital for chlorophyll formation, and therefore photosynthesis, while sulfur is a structural component of organic molecules, playing a key role in amino acid, chlorophyll, and vitamin synthesis.

BENEFICIAL EFFECTS:

1. Rapid calcium assimilation, improving nutrient transport.
 2. pH correction of acidic soils (pH < 5.5) thanks to carbonate presence.
 3. Magnesium and sulfur are essential for chlorophyll synthesis.
 4. Provides sulfur for building organic molecules.
 5. Replaces bulk materials with just 1.5 L per hectare.
- Final result: improved soil structure and chemical balance.

GUARANTEED CONTENT AND CONCENTRATION:

Calcium: 7%.

Magnesium: 3%.

PHYSICOCHEMICAL PROPERTIES:

pH: 7.9 at 20°C

Density: 1.24 – 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 plant base or via fertigation.

2 to 4 lts/ha per application.

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

Intensive Crops – Fertigation Application:

General horticulture: 2 to 5 L/ha per application.

Multiple applications recommended: 30-40 L/ha per crop cycle.

USAGE RECOMMENDATIONS:

- Remove the bag from the box and homogenize before use.
- Contents may separate; vigorous shaking restores optimal conditions.

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.