



MIST SHĒDO

Biostimulant / Anti-Scorching Agent

MIST-SHĒDO® is a mineral nanoparticle suspension formulated with an appropriate concentration of nutrients. Its formulation contains a high proportion of illites and mica-derived clays, naturally rich in **silicon, potassium, and iron**.

Its high **silicon** content contributes to crop development and vigor, supporting the plant's natural response to **abiotic stress**. Its 2D crystalline structure enables the formation of a **natural protective film** on leaves and fruits. This film helps reduce **thermal stress and exposure to UV radiation**, while acting as a physical barrier against pests.

BENEFICIAL EFFECTS:

1. Promotes crop development and vigor.
2. Helps reduce thermal stress.
3. Helps reduce exposure to UV radiation.
4. Forms a physical barrier on leaves and fruits against pests.

GUARANTEED CONTENT:

Silicon (Si): 11%

Calcium (Ca): 1.0%

Potassium (K₂O): 1.0%

Iron (Fe): 0.3%

PHYSICOCHEMICAL PROPERTIES:

pH: 7.5

Density: 1.1

Reaction / Index: Neutral

STORAGE CONDITIONS:

Store between -5°C and 35°C.

Keep in a cool, dry, and sunlight-protected area.

Avoid vapor formation.

VOLUMEN:

15 L Bag-in-Box.

PACKAGING:

Standard pallet: 56 units (840 L total).

→ Easily transported in light truck.

APPLICATION & DOSAGE:

Apply via drench or fertigation.

Dose: 6 to 12 L/ha.

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.