

SUN DRY

Kaolin-based solar-protection film with boron, manganese and zinc

A kaolin and micronutrient foliar-film formulation designed to reflect solar radiation and protect leaves and fruit from sunburn and heat-related cosmetic damage.

Catalogue reference: page 89 | Rev.05 professional technical presentation

What the product is designed to do

- Creates a reflective mineral barrier on exposed plant surfaces.
- Helps lower the incidence of solar injury, fruit burn and surface russetting.
- Supports the visual finish and brightness of harvested produce.
- Provides supplementary boron, manganese and zinc nutrition.
- Supports crop quality and marketability during periods of intense sunlight.

Declared technical profile

Parameter	Specification
Water-soluble Boron (B)	4% w/w
Water-soluble Manganese (Mn)	0.5% w/w
Water-soluble Zinc (Zn)	0.5% w/w
Kaolin mineral carrier	Formulation base; percentage not declared

Physical form: Wettable mineral powder

Batch-specific physical and analytical values are reported on the signed COA.

Recommended application programme

- Greenhouse vegetables: 100-150 g/100 L water at early planting when exposed to sunlight.
- Open-field vegetables, melons, industrial plants and field crops: 250-300 g/da, with repeat applications at approximately 20-day intervals where required.
- Pome fruit: 150-250 g/100 L water during flowering and fruit growth.
- Stone fruit: 100-150 g/100 L water during flowering and fruit growth.
- Citrus, banana, fig, olive, vineyard and ornamentals: 150-250 g/100 L water following crop-stage guidance.

Correct mixing and application

Keep the spray suspension under continuous agitation and maintain nozzle cleanliness. Conduct a compatibility test before tank mixing. Avoid combining with oils or highly reactive products unless crop safety is established. Account for visible residue and pre-harvest appearance requirements.

- Use clean, calibrated equipment and suitable water.
- Follow the legal label of every tank-mix partner.
- Complete a jar test and, where relevant, a small-area crop-safety test.
- Apply uniformly at the correct crop stage and environmental conditions.

Commercial and operational value

- Clear technical positioning for distributors, agronomists and professional growers.
- Compatible with programme-based selling rather than single-input selling.
- Technical documentation set includes TDS, SDS draft, COA template and original catalogue reference.
- Packaging: 2.5 kg pack.

Compliance and responsible use

- Use only in accordance with destination-market law and approved labels.
- Biological/pesticidal claims may require local registration before sale or use.
- Catalogue claims must be aligned with final product formulation and regulatory dossier.
- Final commercial release requires local-language label, responsible-person details and regulatory sign-off.

CEON - Agricultural Plant Nutrition, Soil Management and Specialty Solutions