

GOLD DRY

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

A kaolin-based foliar film product with boron, manganese and zinc, developed to reflect solar radiation, reduce heat/sunburn damage and support the cosmetic quality of fruit surfaces.

Catalogue reference: page 88 | Rev.05 professional technical presentation

What the product is designed to do

- Forms a reflective protective film on leaves and fruit.
- Helps reduce excessive solar-radiation load and sunburn risk.
- Supports fruit-surface appearance, brightness and marketable quality.
- Supplies boron, manganese and zinc as supplementary foliar micronutrients.
- May help reduce cosmetic defects and associated market-value losses under high-radiation conditions.

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, typically from the 3-5 leaf stage and repeated at about 20-day intervals after first fruit formation.
- Pome fruit: 150-250 g/100 L water during flowering and fruit growth, two applications.
- Stone fruit: 100-150 g/100 L water during flowering and fruit growth, two applications.
- Citrus, banana, fig, olive, vineyard and ornamentals: 150-250 g/100 L water according to the crop-stage guidance in the catalogue.

Correct mixing and application

Maintain agitation to keep kaolin suspended. Ensure uniform coverage without excessive run-off. Conduct a jar test before mixing with pesticides, oils or foliar fertilisers. Avoid application where visible film residue is commercially unacceptable close to harvest unless washing/removal has been validated.

- 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