

BLUE DOWN

pH reducer, colour indicator, descaler and spreading adjuvant

A multifunctional spray-water conditioner combining pH reduction, visible colour indication, carbonate-scale management and spreading/adhesion support for foliar applications.

Catalogue reference: page 76 | Rev.05 professional technical presentation

What the product is designed to do

- Changes solution colour as the target mildly acidic pH is approached.
- Protects sensitive pesticides and foliar nutrients from alkaline hydrolysis.
- Reduces surface tension and supports spray coverage, wetting and adhesion.
- Converts calcium scale into more soluble forms and helps keep nozzles clean.
- Reduces wash-off and evaporation losses from treated foliage.

Declared technical profile

Parameter	Specification
Triprotic acid	70% w/v
Siloxane	29.95% w/v
Indicator	0.05% w/v

Physical form: Orange liquid concentrate

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

Recommended application programme

- General spray-water rate: approximately 25-50 mL per 100 L water.
- Add BLUE DOWN to the water before pesticides, fertilisers or growth regulators.
- Target a practical spray-solution pH around 5.5-6.0 unless the partner-product label requires otherwise.
- Use prepared mixtures promptly; catalogue guidance recommends use within 24 hours in the effective pH range.

Correct mixing and application

Never mix concentrated product directly with alkaline materials, hypochlorites or reactive chemicals. Follow partner-product labels and perform a jar test. Do not over-acidify the spray solution.

- 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: 250 mL, 500 mL and 1 L packs.

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