

BIO-REMEDY

Botanical matrine/oxymatrine crop-support formulation

A multi-herb botanical formulation, including Sophora flavescens-derived matrine/oxymatrine components, positioned for integrated management of mites, thrips and similar small pests while also supplying organic crop-support components.

Catalogue reference: page 82 | Rev.05 professional technical presentation

What the product is designed to do

- Botanical contact, stomach and systemic activity described in the catalogue.
- Supports management of red/white spider mites, thrips and related pests.
- Provides organic matter, humic components and polysaccharides alongside botanical actives.
- Supports crop resilience under drought, frost and disease pressure.
- Can be used in soil and foliar programmes where legally authorised.

Declared technical profile

Parameter	Specification
Total mixed herb extract	40% w/v
Organic matter	28% w/v
Oxymatrine	21% w/v
Total humic acid	9% w/v
Organic polysaccharide	21% w/v

Physical form: Liquid botanical extract

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

Recommended application programme

- Foliar: 50-100 mL per 100 L water.
- Soil/fertigation: 5-10 kg or L/ha according to commercial density and label.
- Apply when required to fruit trees, vines, vegetables, hydroponics, field crops, ornamentals and nursery plants.
- Ensure thorough spray coverage and repeat only within the locally authorised programme.

Correct mixing and application

Botanical pesticide claims may trigger local registration requirements. Do not use or market as a pesticide without authorisation. Conduct compatibility and crop-safety tests; avoid strong oxidisers and extreme pH.

- 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: 1 L, 5 L, 10 L and 20 L commercial 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