

ARCHER ACID

Organic acid pH regulator, desalinator and soil conditioner

A concentrated organic-acid complex used to lower irrigation-water pH, manage carbonate deposits and support desalination of saline or sodic soils. It is designed for fertigation systems and hard alkaline waters.

Catalogue reference: page 74 | Rev.05 professional technical presentation

What the product is designed to do

- Reduces irrigation-water pH and supports EC/salinity management.
- Helps dissolve carbonate scale and reduce emitter blockage.
- Improves availability of macro- and micronutrients in alkaline conditions.
- Supports soil porosity, root development and fertiliser efficiency.
- Designed to replace aggressive mineral-acid handling in routine agricultural programmes, subject to local assessment.

Declared technical profile

Parameter	Specification
Polymaleic acid	28% w/v

Physical form: Liquid acid complex

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

Recommended application programme

- General drip application: 15-20 L/ha; up to 50 L/ha in severe salinity.
- Water treatment without analysis: approximately 15-75 mL per 1,000 L, adjusted to measured pH/alkalinity.
- Soil application without salinity analysis: 20-50 L/ha.
- Use calibrated pH/EC measurements and inject through acid-compatible equipment.

Correct mixing and application

Add product to water slowly; never add water into concentrated product. Do not mix directly with hypochlorites, strong alkalis or incompatible concentrated fertilisers. Use acid-resistant PPE and equipment.

- 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