*Auxiliary for crop production — food grade (E330)*

# Citric acid monohydrate

**$C_6H_8O_7 \cdot H_2O$**

CAS no. 5949-29-1 | M = 210.14 g/mol | Purity ≥ 99.5 %

EDAPRO
strengthens plants - revitalises the soil

## APPLICATION

Guide values. The amount needed depends strongly on the hardness and starting pH of the water — measure the pH before and after adding and set the rate for your farm.

- **Acidify spray mixes / prevent alkaline hydrolysis: 15–50 g per 100 l of water**, target pH 5.0–6.5. With hard water or after adding boron up to 200–300 g per 100 l. **Always** add citric acid to the water **first**, dissolve it completely, only then add plant protection products or foliar fertiliser.
- **Remove lime deposits from leaves: 0.3 % (300 g per 100 l of water)**, leave for 30 minutes, then rinse with clean water.
- **Descale irrigation and drip systems: 100 ml of stock solution (50 %) per litre of water**. Stock solution: dissolve 25 kg in water and top up to 37.5 l. Fill the lines at very low pressure, leave for several hours or overnight, then flush thoroughly with clean water.
- **As a chelating agent** to improve the availability of trace nutrients in foliar fertiliser solutions: 10–30 g per 100 l of water.

**Do not acidify** for products that need a high pH (e.g. sulfonylureas), and not below pH 6 for auxin herbicides. Do not mix with products containing chlorine. Test tolerance on a few plants before the first large-scale application. Neither a fertiliser nor a plant protection product.

## PRODUCT

White crystalline powder, odourless, readily soluble in water. For acidifying spray mixes, cleaning irrigation systems and as a chelating agent.

**Storage:** Store dry, cool and in the original packaging. Protect from moisture.

## SAFETY



**Signal word: Warning**
GHS07

**H319** Causes serious eye irritation.
**H335** May cause respiratory irritation.

**Emergency:** Tox Info Suisse, tel. 145 (24 h)

**For professional users only.**

**P261** Avoid breathing dust. **P264** Wash hands thoroughly after handling. **P271** Use only outdoors or in a well-ventilated area. **P280** Wear eye protection. **P304+P340** IF INHALED: Remove person to fresh air and keep comfortable for breathing. **P305+P351+P338** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. **P337+P313** If eye irritation persists: Get medical advice/attention. **P403+P233** Store in a well-ventilated place. Keep container tightly closed.

**Supplier:**
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**Manufacturer:**
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**Batch / contents:**
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