

NATROS



NATROS[®]

Salinity corrector

NATROS is a calcium organic solution with a high cationic exchange capacity. It works as a corrector of soils and saline water, especially rich in sodium. As calcium (complexed by polyhydroxycarboxylic acids) displaces sodium and makes easier its elimination by washing.

The flocculating action of NATROS improves the structure of the soil, increasing the aeration and facilitate the development of the roots.

NATROS can be used to amend the deficiency in calcium assimilation. Calcium increases the resistance of the cellular walls of the plants, raising its resistance to fungi attacks and other pathogens. In addition to this, the presence of a moderate content of nitrogen helps the crop's recuperation.

In acid soils, calcium exchanges itself with hydrogen ions. In this way the pH becomes higher and it improves the retention of the fertilizers.

Dosage and method of application

NATROS can be applied by irrigation system:

- Drip irrigation: 40 - 70 l/ha
- Flood irrigation: 90 - 125 l/ha

Doses and applications by crop

- **CITRUS:** 60-90 l/ha in 3 - 4 applications between spring and autumn.
- **STRAWBERRIES:** 10 - 15 l/ha at the beginning of the planting and 4-5 l/ha per week until harvest.
- **FRUITS:** 75 - 125 l /ha in 3 - 4 irrigations.
- **VEGETABLES AND ORNAMENTAL PLANTS:** 40 - 60 l/ha in 3 - 4 irrigations.
- **BANANA:** 40 - 60 l/ha in 2 - 3 applications during the growth cycle.
- **TOMATOES:** 4 - 7 l/ha per week till first harvest and 3 - 5 l/ha per week till the end of harvest.

Correction of saline water

- Highly saline water (more than 2,5 g/l): 50 – 100 ml/m³
- Saline water(1,5 - 2,5 g/l): 25 - 50 ml/ m³
- Moderate saline water (less than 1,5 g/l): 15 – 25 ml/ m³

TECHNICAL SPECIFICATIONS

NATROS

PRODUCT	Complexed calcium solution for the correction of soils and salt waters.
COMPOSITION	Calcium oxide* (CaO) water soluble and complexed: 10% w/w Nitrogen (N) total: 5% w/w
CHELATING AGENT	Complexed by polyhydroxycarboxylic acids. Stability interval: between pH 3.5 and 9
FORMULATION	Soluble liquid (SL)
ASPECT	Dark brown liquid
pH	2.5 – 3.5
DENSITY (20°C)	1.30 – 1.40 g/ml
SOLUBILITY	Water soluble
DOSE	Irrigation: 40 - 125 l/ha
COMPATIBILITY	Do not mix with alkaline reaction products.
PRECAUTIONS	After the application make a washing irrigation to eliminate the liberated salts.
PACKING	25 litres

LAINCO, S.A.

Pol. Ind. Can Jardí - Avda. Bizet, 8-12 - 08191 Rubí (Barcelona) - SPAIN

Tel. 93 586 20 15 - Fax 93 586 20 16

E-mail: lainco@lainco.es - <http://www.lainco.es>