MUGAVERO

SINSAL®

With M.A.S.® TECHNOLOGY

Microrganismi Agricoltura Sostenibile

***Sinsal** is an innovative formulation, to be applied by fertigation, containing organic and inorganic components suitable for correcting the salinity of the soil.*

The organic component is composed of halophilic bacteria and organic acids, while the inorganic component is composed of calcium, sulfur and microelements.

Halophilic bacteria balance the osmotic pressure of the circulating solution by improving the absorption of the plant.

Sinsal promotes the well-being and development of the plant by mobilising the micronutrients present in the soil and improving its structure.

SOIL

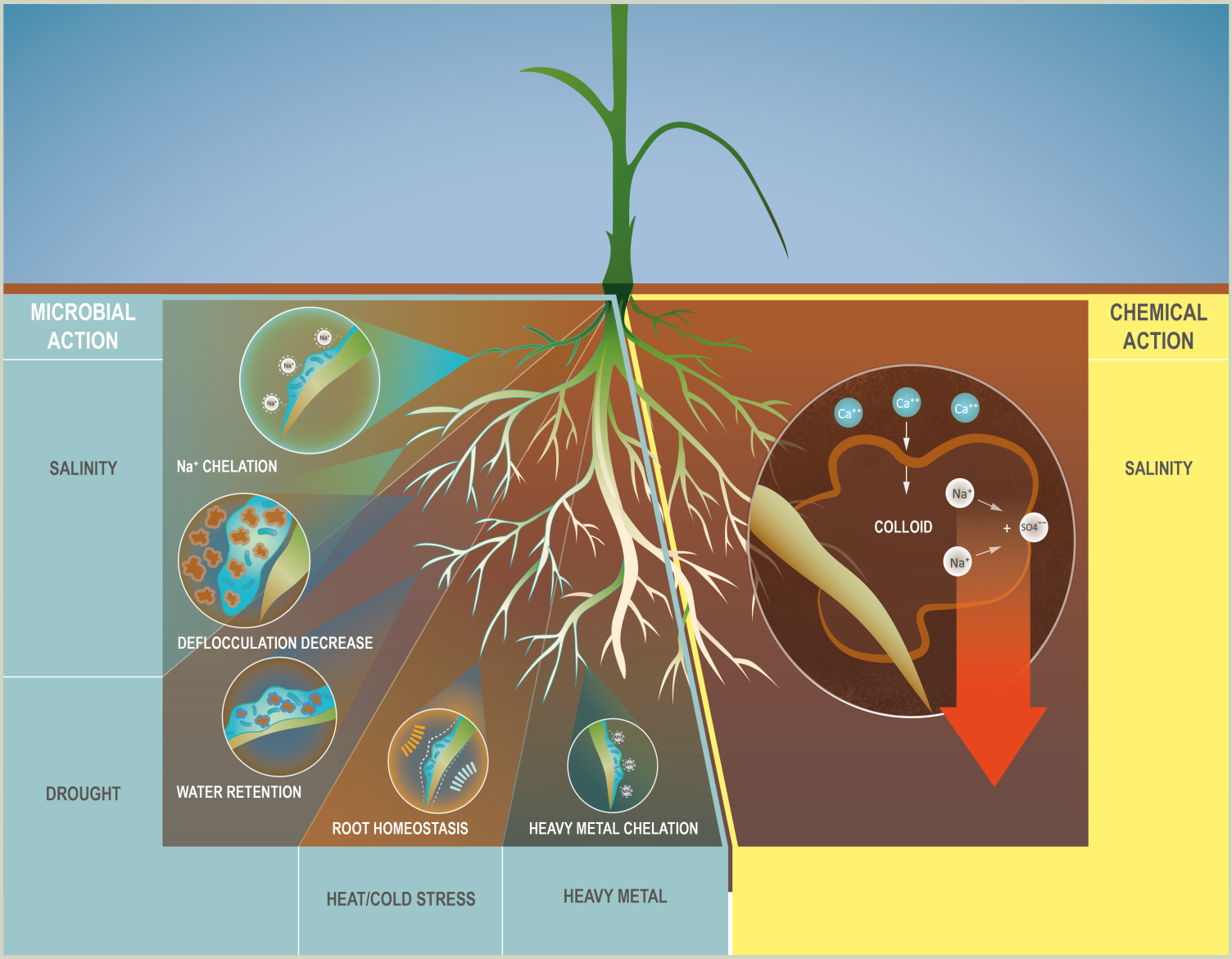
- Lowers salinity
- It promotes the flocculation of colloids
- It enhances the structure

PLANT

- It reduces physiopathies from sodium accumulation

Sinsal, thanks to the acidifying power of sulfur, removes and makes the sodium accumulated in the colloids of the soil insoluble, replacing it with calcium.

Accumulation of salts in the soil



PLANT GROWTH-PROMOTING RHIZOBACTERIA (PGPR)

- NITROGEN SETTING
- PHOSPHATES SOLUBILISATION
- SIDEROPHORES PRODUCTION
- ACC DEAMINASIC ACTIVITY
- AUXIN PRODUCTION

M.A.S. TECHNOLOGY Microrganismi Agricoltura Sostenibile

CALCIUM AND SULPHUR ENRICHED FORMULATION PROMOTES THE SUBSTITUTION OF Na^{+} WITH Ca^{++} IN CLAY-HUMIC COMPLEXES AND INCREASES SOLUBILITY AND LEACHING OF SODIUM AS Na_2SO_4

KEY

BACTERIA · EPS · SOIL AGGREGATE · WATER · HEAT STRESS · COLD STRESS

The **M.A.S.® Technology** (Microrganismi Agricoltura Sostenibile), which through the applications of beneficial microorganisms, allows to integrate agricultural production systems making them more sustainable, helping to improve soil health and the quality of food products.

DOSES AND METHOD OF USE

CROPS	FERTIGATION l/ha
Fruit	5 - 10
Horticultural	5 - 10

5/20 L

Eco-sustainable packaging

Fertigation

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www.mugavero.it
info@mugavero.it
+ 39 091 8533100