

# Stressal®

## OSMOTIC REGULATOR

### What is it? What is it for?

**StresSal®** is an osmotic regulator to enhance stress tolerance due to salinity. The application of **StresSal®** causes the activation of certain physiological processes that minimize the negative effects that excess salinity causes on plants (loss of productivity, greater water consumption, etc.).

**StresSal®** provides compatible solutes that are easily accumulated by the plants, thereby re-establishing the functional balance of the plants in a saline medium. **StresSal®** acts as a regulator by reducing the osmotic potential of the plant and facilitating absorption of more water and nutrients.

### Benefits

- Improves plant hydration.
- Increases plant biomass.
- Increases crop tolerance to salt stress.
- Acts directly on the plant.
- Quick response and visual effects.



### CROPS

**StresSal®** can be applied to any type of crop affected by salinity: leaf vegetables, fruit vegetables, berries, stone fruits, pome fruits, citrus, nuts, olive trees, wine or table grapes, tropical fruits, industrial and extensive crops.



### DOSE AND APPLICATIONS

Root application: 10 – 15 L/ha diluted in abundant water (between 0.25 and 2.5 mL of product per litre of irrigation water).

**StresSal®** should be applied to the soil in crops and/or areas most affected by salinity.



### MOMENT OF APPLICATION

Perform several applications (between 3 and 6 per crop cycle) at times where there is greater intensity of crop salt stress:

In case of irrigation with low quality water (irrigation with water from salinized wells, etc.).

In case of a very limited water supply due to a situation of drought/restrictions.



### GUARANTEED ANALYSIS

	(W/W)	(W/V)
Free L-α-amino acids (*)	6.0%	8.5%
Total Nitrogen (N)	9.5%	13.5%
Calcium (CaO)	10%	14.2%

(\*) The formula contains each and every one of the biologically active free amino acids: ASP, SER, GLU, GLY, HIS, ARG, THR, ALA, PRO, CIS, TYR, VAL, MET, LYS, ILE, LEU, PHE, TRP.