



SAVE CROP®

PREVENTS STRESS CAUSED BY RETURN OF COLD (FROST)
AND HIGH SUMMER TEMPERATURES



STRENGTHS



- INCREASES THE PLANTS' RESISTANCE TO SUDDEN DROPS IN TEMPERATURE (FROSTS AND SPRING COLD RETURNS)
- INCREASES THE PLANTS' RESISTANCE TO HIGH SUMMER TEMPERATURES AND WATER SHORTAGES (SUMMER EVAPOTRANSPIRATION)
- SYNERGISTIC USE WITH **SILICAL** LEADS TO A SUBSTANTIAL IMPROVEMENT IN THE SHELF LIFE OF FRUIT AND VEGETABLES
- DETERMINES IN SPRING/SUMMER CULTIVATION AN **INCREASE IN YIELD/m²** OF LEAF VEGETABLES, FRESHCUT LEAF VEGETABLES, BABY LEAF



PACKAGE

Jerrycans 5L (4x5)
Jerrycans 15L
Tank L 1000



SHAKE BEFORE USE

FEATURES

SAVE CROP is an innovative product from FERTENIA research consisting of natural, organic and mineral substances. Applied by foliar application, it is able to increase the plants' resistance to sudden drops in temperature (frost), and to excessive summer heat that causes water loss and dehydration in the epigeal parts of the plant (**summer evapotranspiration**).

SAVE CROP acts on the one hand by increasing the concentration of certain solutes (proline, betaines and polysaccharides) in the plant with a recognised anti-stress action, and on the other hand by **forming a** colourless, odourless, flexible and elastic **gas-permeable** (antiperspirant) film that significantly reduces water loss through the leaves. **SAVE CROP** also contains plant extracts rich in natural terpenes (terpinolene, D-limonene, alpha and gamma terpinene...) and the disaccharide **TREHALOSE**, an "osmoprotective" sugar.

TREHALOSE plays an important role in giving plants **the ability to survive under extreme conditions of dehydration**. It is also able to deform the structure of the water, avoiding the formation of ice and allowing the plants to resist sudden changes in temperature for longer, thanks also to the presence of specific **CRYOPROTECTORS**, safeguarding the vitality of the plant tissues and ultimately the production.

SAVE CROP has a chemical and mechanical protective action on leaves, flowers, shoots and young plants that lasts approximately 10-15 days; this period varies depending on the climatic conditions (rainfall, relative humidity) of the growth of the treated part, and the differentiation of new vegetation.



DOSES AND METHODS OF USE



CROPS

FOLIAR APPLICATION

Field crops

0,6-1,0 l/hl

(Wine and table grapes, fruit trees, tropical plants, leafy and cut vegetables, aromatic herbs, brassicas, grains, turfgrass, gardening nursery)

Greenhouse crops: Vegetables

0,5-0,8 l/hl

(Strawberry, Pepper, Courgette, Aubergine, Melon, etc., Leafy and Cut Crops - Aromatics - Gardening nursery)

N.B. - On leafy and cut vegetables, reduce the dosage (0.3-0.5 L/hl) during the summer period in greenhouses.

COMPOSITION

PLANT EXTRACTS:	10,0%
Lignin polycarboxylic acids	8,0%
Mono-Disaccharides	10,0%
of which, Trehalose	5,0%
Cryoprotectants	21,0%
Water-soluble calcium oxide [CaO]	6,0%
Water-soluble magnesium oxide (MgO)	4,0%

SAVE CROP on request is available with label CORRECTIVE Ca - Mg - VAT 4%

WARNINGS: SAVE CROP SHOULD BE USED PREVENTIVELY.

It is important that the solution covers the entire surface perfectly, as untreated parts will still be exposed to weather damage. Rainfall immediately after treatment accelerates the washing and degradation process and reduces the effectiveness of the product. It is advisable to make applications at intervals (depending on the type of crop) in order to cover the new vegetation well. Tests carried out at temperatures below -2° C have shown reduced effectiveness.



CHEMICAL-PHYSICAL PROPERTIES

Formulation: **liquid**
Density: **1,315**
pH (sol.1%): **5.0 ±1**
Conductivity (1‰) mS/cm 18°: **0.50**

THE EXPERT ADVISES



AFTER AN IDEAL FROST RESTART WITH **STIMOLO + ALGA LIVE**

IDEALLY USED IN A MIXTURE WITH **ORGANIC ALGAE** (REDUCES FLOWER ABORTIONS CAUSED BY TEMPERATURE CHANGES AND IMPROVES FRUIT SET....)

Experiences of using SAVE CROP:

Results obtained with **SAVE CROP** on Courgette
Angrì (SA) Farm Sorrentino Andrea



PRODUCT TREATED WITH

SAVE CROP®

Obvious frost damage T. between 0 and -2° C



PRODUCT NOT TREATED WITH **SAVE CROP**

Frost damage



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