

# PREVENTOR OF ABIOTIC DAMAGE LOW TEMPERATURES AND COLD

### **PRODUCT DESCRIPTION**

ColdStop; is a cold and frost preventer of abiotic damage based on powder organic acids and glycine betaine, that protects crops from abiotic stress effects, caused by low temperatures during periods of high susceptibility and the corresponding set of symptoms.

Apply foliar or irrigation as a translucent film, which dries and washes easily, leaving no residue, allowing use on all crops.

Among its attributes: this reduced the symptoms of cold damage, reducing water stress associated with low-temperature stress, achieving healthiest plants, fruits of better quality, reduction in fruit drop, yield potential conservation and quality associated with an improvement in the ability of the plant to cope with stress, besides achieving better crop plant protection.

### CHEMICAL COMPOSITION ( W / W )

780 g / kg of natural plant organic acids, glycine betaine

#### **HEAVY METALS**

Free of heavy metals





### **PHYSICAL**

Appearance	Color	Odor
Powder	White	Virtually Odorless

## RECOMMENDATIONS FOR USE

Crop	Dosage	Recommendations for Use
Pome, Stone Fruit, Nuts, Almonds, Olives, grapevines Citrus, European Hazel, Olives	500 gr /(volume of water applied ) Ex: 500 gr/1000 L of water per ha)  Tomatoes, peppers (capsicum), cucurbits (melons, squash, cucumbers etc), Leafy vegetables (lettuce, chard, spinach, etc.), Cruciferous vegetables (broccoli, cabbage, cauliflower, mustard, etc.), Betas (beet), Allium (onion, garlic, chives etc.), potatoes. Apply 500 g product per hectare ColdStop™, Starting immediately after transplantation 2 leaf size on (supporting the reduction of cold and water stress in post-transplant).  Applications should be repeated	Pome, all varieties, starting applications to adverse weather conditions or low temperatures preventer with fruit in early stages of development, ideally post- first stage of fruits, applications 4-5, in the season.
Berries , Strawberries, Raspberries, Blueberries Vegetables, Nurseries Plants ornamental		Citrus, Olives, European hazel, Berries. First application at the beginning of cold spell, second and subsequent applications.  500 gr / application volume ( L ) Ex: (350 L / ha) , with intervals of 14-21 days from fruit curd Blueberries.
	every 7-14 - days at the same dose 500 g / ha. Since the emergency	Crops, solicit recommendations or





Crops, Corn, Wheat, Rape, Beet, Etc	period to 4-6 true leaves  500 gr / water volume applied per hectare per application.	revise technical department product label or data sheet  From fresh fruit curd (3 mm), 4-6 separate applications every 14 days, to overcome periods of susceptibility
Table-grapes		at low temperatures and cold.  The product could also be used during periods of bloom with agronomic consulting team.

These are recommendations only, and it is your responsibility to consult with a professional NUTRIPROVE SA or distributor for the correct application of this product. The minimum period between one application and another should be 7 days.

**IMPORTANT:** Requires the use of surfactants to achieve a better distribution on the blade, nonionic surfactants are recommended or organo- silicone. Recommended applications, slightly acidic pH to neutral (pH 5.5 to 7.0).

### **PRECAUTIONS FOR USE**

- 1. When handling the product must wear gloves, masks, goggles and appropriate clothing. Avoid contact with skin and eyes if so wash with water. If ingested or inhaled seek medical care immediately.
- 2. The product should be stored in its original packaging, with your respective label, in a cool, dry and closed.
- 3. Do not eat, drink or smoke when using this product.
- 4. To avoid contamination remove the packaging after making a triple wash.
- 5. In extreme weather conditions of rain use window allowing 4 hours without rainfall
- 6. After handling the product wash hands, face, or any exposed area.
- 7. Do not store or transport near food or clothing.
- 8. To get a good job, you should: a) Read the instructions for use b) Shake vigorously in the pool of application. c) Use the





- appropriate water volume depending on the dose stated on the label. .
- 9. ColdStop is compatible with most pesticides. Are recommended compatibility tests before?
- 10. Keep out of reach of children.

### Any questions please contact the Technical Department.

The company guarantees the composition and content of this product, as well as quality within the due date. The storage and application is the sole responsibility of the user and the company assumes no liability for any damages of any nature arising from its improper use, handling or storage.

The seller makes no warranty expressed or implied use recommendations since their application should be determined in each particular case by a professional. Buyer assumes absolutely all risk of use and handling, proceed or not according to the recommendations of the SPC.

You must require security seal label all containers to prevent adulterated or manipulated by others.



