



Registration number for
conventional fertilizers

0025488/19

Killer Frost

PROTECTIVE AGAINST FROST DAMAGE

SIMPLE MINERAL FERTILISER POTASSIUM SALT SOLUTION B.T.C.

Main features:

KILLER FROST is a physiological fertilizer with anti-freeze function, designed to protect the most delicate plant organs such as buds, flowers and small fruits from damage caused by frost. Its formulation combines potassium and propanediol to provide targeted protection, minimizing the physiological losses associated with freezing. Its effectiveness depends on the sensitivity of the plant and its nutritional status, being particularly useful in potassium-deficient soils.

Mechanism of action

KILLER FROST harnesses the ability of potassium to regulate osmotic pressure within cells, lowering the lymph freezing point and preventing the formation of ice crystals that damage cell membranes. Propanediol enhances potassium absorption, accelerating the protection process. This combination reduces electrolyte losses and improves enzyme efficiency, making plants more resistant to frost and limiting structural damage caused by low temperatures.

COMPOSITION

Potassium Oxide 10%
water soluble

Glyceric mixture

C.P CHARACTERISTICS

pH 10.5 +/- 0.5
Density 1.1 +/- 0.5
Color Colourless
Smell Characteristic
Solubility Completed

FORMULATION

Liquid

CLASSIFICATION

No one

PACKAGING

Bottle 1 L
Tank 5 L
Tank 10 L
Tank 20 L

APPLICATION



INSTRUCTIONS FOR USE

- Horticultural crops in open field and greenhouse: 5-8 L/ha
- Nursery (plants in container): 500-800 ml/1000 m²
- Fresh-cut salads: 500-800 ml/1000 m²
- Strawberries: 500-800 ml/1000 m²
- Fresh and aromatic herbs: 500-800 ml/1000 m²
- Fruit [pome fruit (apple, pear, etc.), stone fruit (apricot, peach, cherry, etc.), Actinidia (kiwi)]: 5-8 L/ha
- Grapes/olive tree: 5-8 L/ha
- The volume of water to be used is approximately 400-600 L/ha
- Shake well before use
- Apply the product evenly
- It is advisable to test some plants for varietal tests before treating the whole surface
- Reapply the product if necessary

Made in Italy