

- Specification Sheet -

BIOFROST

Biofrost is a microbial solution which in combination with its nutritious natural substrate protects plants from low temperatures and frost. It contains beneficial microorganisms that are normally found in the leaves, shoots and rhizosphere of most plant species that thrive in low temperatures.

PROPERTIES AND USES:

- Protects the fruits, flowers and shoots from frost.
- Increases plants' resistance to snow and frost.
- Allows plant tissues to function under low temperature conditions.
- Enhances the plants' potential to recover quickly from stress caused by cold.
- Reduces the possibility of total loss of production from prolonged cold.
- Reduces fruit degradation due to pathogen infections after frost.
- It is an ecological product that does not disturb the balance of the ecosystem.
- Does not affect beneficial insects.
- Does not contain pathogens as it is prepared under sterile conditions.

APPLICATION:

It is suitable for all crops and especially pome fruits, stone fruits, citrus fruits and other fruit trees, grapevine, olive, vegetables, strawberry, asparagus, potato, ornamentals, aromatics, herbs and other crops sensitive to cold.

It is applied by foliar spray on the entire leaf surface, on the shoots, on the flowers and on the fruits.

Apply 3-5 days before the expected frost. In addition, one application after the end of the cold and the removal of ice from the fruits, flowers and shoots helps in the plants' rapid recovery.

To prepare the spray solution, dissolve the required amount of product in 3/4 of the volume of water with simultaneous stirring and then make up to the final volume of solution with water.

Applications should be repeated when between the last spray and the upcoming new frost more than 20 days have passed.

Apply within 24 hours of diluting the product.

Application Rate: 7.5-10 L/ha. Standard dilution ratio 1:150-200. In any case, the volume of water used depends on the type of crop.

STANDARD ANALYSIS

Beneficial microorganisms: 1×10^9 cfu*/ml
(cfu: colony forming units)

PHYSICAL PROPERTIES:

Appearance: Colourless liquid
Density: $1,0 \text{ g/cm}^3$
pH: 6,9-7,1