

BIOFROST

Liquid Microbial Biostimulant for frost protection

SYNTHESIS

Beneficial microorganisms $>1 \times 10^9$ cfu*/ml

*cfu: colony forming units



PRODUCED BY

HUMOFERT



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APPLICATION METHOD

BIOFROST is applied mainly by foliar spray with good spraying of the entire leaf surface, shoots, flowers and fruits. 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.

The product should be applied 3-5 days before 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.

APPLICATION RATE

Foliar application : 7,5-10L per hectare. Standard dilution ratio 1:150-200. In any case, the volume of water used depends on the type of crop.

APPLICATION FREQUENCY

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

RECOMMENDED CROPS

BIOFROST can be applied to 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.

COMPATIBILITY

It is not compatible with bactericides, copper products and most chemical fungicides. In addition, bactericides and copper products should not be applied to the crop 7-10 days before and after the application of **BIOFROST**.



BIOFROST is a biostimulant specifically designed to enhance plants' resistance to frost. It contains beneficial microorganisms that are naturally present on the leaves, shoot and rhizosphere of most plant species that thrive on low temperatures. **BIOFROST**'s nutrient substrate also consists of natural substances that contribute in the protection of plant cells from damages caused by frost.

BENEFITS

- 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.

STORAGE CONDITIONS

Keep it tightly sealed and stored in its original packaging. Store it in a cool place with no humidity. IT SHOULD NOT FREEZE. Keep it away from direct sunlight and any heat source to avoid overheating. Ideally, the product is kept in the refrigerator at a temperature of 4°C. Under these conditions, the product has a self life of at least 1 year from the day of production. After use do not leave the lid open. Empty containers must not be reused.

HANDLING-PRECAUTIONS

In case it gets on skin or clothes, remove the clothes you are wearing and wash your skin well with soap and water. In case it gets in the eyes, remove contacts if present and rinse off with plenty of water. If the irritation persists seek medical advice. Use means of personal protection (mask, uniform, gloves, shoes) when applying the product.

KEEP OUT OF REACH OF CHILDREN