

BACTIVATE

GUARD

Bactivate Guard increases a plant's natural resistance by activating the plant's own defence system (Systemic Acquired Resistance or SAR). It can aid complete recovery following a stress event and acts as a key plant 'protection' mechanism.

Bactivate Guard can be applied either prior to or following a stress event. It contains carbohydrates which serve as a source of energy to the plant to support the energy required for the plant to defend itself against biotic factors (pests and diseases) and abiotic factors (drought, frost, physical damage).

Suitable for any plants/crops prone to drought and/or frost conditions, as well as pests and disease.

It contains essential chelated nutritional elements, two of which are associated with photosynthesis (Magnesium and Potassium), and therefore plant energy. The other two are associated with cell integrity (Calcium and Boron) which assist in plant recovery.

Bactivate Guard provides the energy, nutrients and boost of antioxidant production needed to increase photosynthesis, strengthen cell walls and increase abiotic stress tolerance. All of which are vital for successful frost-damage protection and recovery.

Bactivate Guard can be applied at any growth stage in a spray program and is best used in conjunction with Bioptiv's recommended Bactivate Program.



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Product Analysis

Bactivate Guard is an organic liquid nutrient complex.

Item	Content
Calcium (Ca)	26.4 g/kg
Magnesium (Mg)	8.4 g/kg
Potassium (K)	45 g/kg
Boron (B)	2.375 g/kg

Application Rates

Bactivate Guard should not be added with any sulphur or phosphite based products. Please seek advice from your Bioptiv specialist re application rates for your specific crop/needs.

Crop	Application Rate	Application Method
Apple, Pears	200-300ml / 100L water to a maximum of 3 litres / ha	Apply 3-4 applications from 50% flowering and repeat at 21 day intervals. <u>For use on pears, do not combine with other foliar feeds or adjuvants.</u>
Citrus	200-300ml / 100L water to a maximum of 3 litres / ha	Apply 3-4 applications from 100% petal drop and repeat at 28 day intervals.
Cucurbits (Pumpkins, Melons, Watermelons & Cucumbers)	500ml / 100L water to a maximum of 4 litres / ha	Apply at flowering and repeat at 21 day intervals.
Lettuce, Cauliflower, Cabbage, Chinese Cabbage	500ml / 100L water to a maximum of 3 litres / ha	Begin applications prior to onset of head formation and repeat at 14 to 21 day intervals.
Peaches, Nectarines, Plums, Apricots, Almonds, Olives	200-300ml / 100L water to a maximum of 3 litres / ha	Apply 3-4 applications from 75% petal drop and repeat at 21 to 28 day intervals. If weather conditions favour bacterial infections, additional applications can be considered.
Potatoes	500ml / 100L water to a maximum of 4 litres / ha	Apply at tuber initiation and repeat every 21 to 28 days.
Tomatoes, Capsicums, Beans, Peas, Onions	500ml / 100L water to a maximum of 4 litres / ha	Begin prior to fruit set and repeat at 14 to 21 day intervals.



For more information on Bioptiv's Bactivate Program and our range of supplementary products, please contact: sales@bioptiv.com.au or your preferred Bioptiv Distributor.

www.bioptiv.com.au