

# BACTIVATE

## SEQUEST

Bactivate Sequest acts as a soil 'decompacter'. It reduces sodium at the rhizosphere & provides an essential source of nitrogen & calcium to improve soil structures that are dispersive and sodic.

Bactivate Sequest is a liquid source of calcium, nitrogen and fulvic acid that assists in flocculating the soil and reducing surface crusting.

Oxygen and water penetration into the soil profile are essential for beneficial aerobic microorganisms and optimum soil health; the highly soluble calcium within Bactivate Sequest creates the flocculation effect which generates more macro pores, improving soil aeration and water infiltration.

Bactivate Sequest can be used to break up the soil crust that may form after heavy rainfall, minimising the potential for damage to the germinating plant.

In addition, Bactivate Sequest has the ability to displace sodium and buffer sodium damage in the soil, thereby creating a healthy soil and protecting the plant from excess sodium uptake.

The benefits of Bactivate Sequest include:

- flocculation of the soil which increases water infiltration and aeration of the soil,
- enhanced root growth due to improved aeration of the soil,
- sodium leaching; promoting the displacement of salts like Sodium ( $\text{Na}^+$ ),
- improved microbial activity promoting mineralisation of calcium
- improved plant nutrition (from calcium) promoting root growth and strengthened plant cell walls



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## Product Analysis

Bactivate Sequest is a liquid formula containing Nitrogen, Calcium and Fulvic Acid.

Item	Content
Nitrogen (N)	79g / kg
Calcium (Ca)	144g / kg
Fulvic Acid	7.6g / kg

## Application Rates

Application rates and dosage are designed as a guideline only and are subject to soil test results and the soil condition/crop type.

Soil Type	Application recommendations	Dosage
Sandy soil	Apply at least once.	50 lt / ha
Silty soil	Apply at least twice depending upon the degree of compaction. Up to 6 applications may be required. Evaluate soil after each application. Every successive application should be made after 25mm rain or irrigation.	50 lt / ha
Clay soil	Apply at least twice depending upon the degree of compaction. Up to 6 applications may be required. Evaluate soil after each application. Every successive application should be made after 25mm rain or irrigation.	50 lt / ha



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

[www.bioptiv.com.au](http://www.bioptiv.com.au)