

BACSTIM™ 100



Reg. No. M 0039 - Act 36 of 1947

BACSTIM™ 100 is a biological product that works with the crop's root system to increase nutrient uptake, leading to higher biomass production above and below the ground.

Typical analysis

Description: Biological root stimulant	
Package volume	20 L & Bulk
Contains 5 strains of <i>Bacillus spp.</i>	
Total concentration of 2 x 10 ⁹ CFU/ml (2 billion CFU/ml)	
2 strains of <i>Bacillus licheniformis</i>	
2 strains of <i>Brevibacillus laterosporus</i>	
1 strain of <i>Bacillus amyloliquefaciens</i>	
pH at 0.1%	5.50
pH at 1%	5.03
SG in g/ml	0.98
EC at 1% in mS/cm	0.01
Colour and form	Light brown liquid
Application	Soil
Function	Root stimulant
Additional information:	Contains bacterial spores

Directions for use

Use only as directed.

Soil application

The application rate must take into account plant size and plant population. If in doubt, contact an Omnia agriculturist for assistance.

Agitate well before use as natural settling of spores may occur. BACSTIM™ 100 may be applied directly in the furrow or with irrigation water. Do not exceed the recommended application rates. Avoid heavy irrigation for 2 - 3 days after application to allow time for root colonisation.

BACSTIM™ 100 can be mixed with tap water. Where possible, apply BACSTIM™ 100 separately. When mixing with other chemicals for the first time, dissolve BACSTIM™ 100 at the desired dilution

before adding other chemicals.

Compatibility

BACSTIM™ 100 is compatible with most fertilizers, herbicides, pesticides and fungicides,

but once mixed with other products, it should be applied within four to six hours. Test compatibility by checking the final solution for signs of a chemical reaction.

CROP	DOSAGE	TIMING	PLACEMENT	
Row crops	1 L/ha	At planting	In furrow as close as possible to seed	
Vegetables	2 x 1 L/ha	At planting	In furrow as close as possible to seed	
		One month later		
Tree crops	3 x 1 L/ha	At first root flush	In furrow close to seed or transparent roots	
		Mid spring		Via fertigation in shallow irrigation to target active root zone
		Late spring		
Vine crops	3 x 1 L/ha	Budburst	Via fertigation in shallow irrigation to target active root zone	
		20 cm shoot growth		
		Flowering		

Precautions

- Store the product in its original container, with the lid tightly closed, in a cool dry place.
- Store away from children, pets, livestock and foodstuff.
- Wash hands after application and before meals.

Warnings:

Harmful if swallowed. Avoid contact with skin. In case of contact with eyes, rinse immediately with plenty of water and seek medical help.

- Do not apply to drought stressed plants
- The product should be stored safely
- It is important to monitor crops and to adjust nutrient inputs according to specific crop demands
- Pollution of water sources should be avoided
- Keep out of reach of children and animals