



Bacstim[®]100

High Performance Biology



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What is Bacstim[®] 100:

Bacstim[®] 100 is a biological inoculum that contains 5 strains of *Bacillus* spp. at a concentration of 2 billion (2×10^9) CFU / ml. It establishes beneficial microbial populations in the soil for a healthier crop. The microbes in Bacstim[®] 100 are spore formers, which means stable product in the drum and resilient in the field.

Content:

2 strains of *Brevibacillus laterosporus* 8×10^8 CFU / ml
2 strains of *Bacillus licheniformis* 8×10^8 CFU / ml
1 strain of *Bacillus amyloliquefaciens* 4×10^8 CFU / ml
Total other ingredients: 98%

Benefits:

- ▶ Produce phytohormones encouraging root growth
- ▶ Improve nutrient mineralization and uptake
- ▶ Improve stress resistance
- ▶ Increase crop biomass and yield

Application rates:

Crop	Dosage	Timing	Placement
Row crops	1 pint / acre	At planting	In furrow as close to seed as possible.
Vegetables	2 x 1 pint / acre	At planting one month later	In furrow as close to seed or transplant roots via fertigation system in shallow irrigation to target active root zone.
Tree crops	3 x 1 pint / acre	At first root flush Mid spring Late Spring	Via fertigation in shallow irrigation to target active root zone.
Grape vines	3 x 1 pint / acre	Budburst 7 - 8 inch shoot growth. Flowering	Via fertigation in shallow irrigation to target active root zone.

Bacstim[®] 100 is recommended to be used along with other Omnia Specialties, Inc. products such as Rhizovator[™] in a crop production program.

Rhizovator[™] is a concentrated humic acid blended with seaweed (*Durvillaea potatorum*). It is designed to feed the microbial community in the soil to promote diversity. Apply 1-2 pint / acre of Bacstim[®] 100 tank-mixed with 1 gal / acre Rhizovator[™] per application.

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