



F000106

# SP-1™

## BioFertilizer

**GUARANTEED ANALYSIS:**

Bacillus amyloliquefaciens . . . . .	7x10 <sup>5</sup> cfu/ml
Bacillus licheniformis . . . . .	2x10 <sup>6</sup> cfu/ml
Bacillus megaterium . . . . .	7x10 <sup>5</sup> cfu/ml
Bacillus pumilus . . . . .	1x10 <sup>6</sup> cfu/ml
Bacillus subtilis . . . . .	7x10 <sup>5</sup> cfu/ml
Bacillus sp . . . . .	2x10 <sup>6</sup> cfu/ml
Water based culture medium . . . . .	.99%

**PRODUCT DESCRIPTION:**

SP-1™ is a diverse mix of microbes known to build soil biology. The SP-1™ formula supplies bacteria, fungi, and algae to the soil and includes carbon substrates, vitamins and minerals to support the growth of microbial life.

The microbes in SP-1™ prefer aerobic conditions and thrive in the upper portion of the soil near the plant roots. Microbial activity near the roots of your crops is ideal to:

- Fix nitrogen, solubilize phosphorus, and cycle nutrients to become more plant available
- Immobilize nutrients and retain them in the rhizosphere, the narrow region of the soil where the plant’s root comes into direct contact with the soil.

**STORAGE & HANDLING:**

SP-1™ should be stored in clean containers that are vented. Do not mix with fertilizers until day of application. Not for use on stored seeds.

**ORGANIC GROWER CONSIDERATIONS:**

This product is intended for use according to an approved organic system plan.

It is each certified organic grower’s responsibility to get approval from his/her certifying agency before using this product. Because of differences among the various certifying agencies, and differences between NOP/EU/JAS/COR ingredient lists, Douglas Plant Health cannot guarantee that our products will be allowed by your certifier on your farm.

Recommended Agricultural Application Rates	
Application	Rate
Soil Broadcast	2 - 12 gallons per acre
In-Furrow	1 - 3 gallons per acre
Foliar	0.5 - 2 gallons per acre
Seed Piece or Bulb Treatment	Mix 1:1 with water and spray the seed piece or bulb
Root Dip Application	Mix 1:1 with water and thoroughly soak roots prior to transplant