

***Bacillus cereus* strain BP01 (119802) Fact Sheet**

Summary

Bacillus cereus strain BP01 is a microbial plant regulator that is used on cotton to produce higher quality cotton at lower cost. Use of this plant regulator is not expected to cause adverse effects to humans or the environment, including non-target plants.

I. Description of the Active Ingredient

Bacillus cereus strain BP01 is a bacterium that is found in soils throughout the United States.

II. Use Sites, Target Pests, And Application Methods

- **Use Sites:** Cotton plants.

- **Target pests:** Uniform plant height, decrease in vegetative growth, larger cotton bolls, and others.

- **Application Methods:** *Bacillus cereus* strain BP01 is applied both aerially and by ground spraying. The amount applied depends on the cotton variety and its vigor.

III. Assessing Risks to Human Health

Based on review of toxicology data and other information related to *Bacillus cereus* strain BP01, EPA finds that this microbe is not likely to produce adverse health effects in humans, although some eye and skin irritation might occur among applicators. To protect applicators and others, any allergic reactions to the active ingredient must be reported to EPA.

IV. Assessing Risks to the Environment

Available evidence suggests that *Bacillus cereus* strain BP01 presents minimal risks to non-target organisms. The bacterium is found naturally in soil in the United States. No adverse effects were seen when the bacterium was tested on various plants

V. Regulatory Information

Bacillus cereus strain BP01 was registered (licensed for use) in 1997. In October 1999, there was one registered end-use product.

VI. Producer Information

Micro Flo Company

P.O. Box 5948

Lakeland, FL 33807

VII. Additional Contact Information

Ombudsman, Biopesticides and Pollution Prevention Division (7511P)
Office of Pesticide Programs
Environmental Protection Agency
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