

***Beauveria bassiana* strain GHA (128924) Fact Sheet**

Summary

Beauveria bassiana strain GHA is a fungus that is used as a pesticide for controlling many kinds of insects. The active ingredient can be used on all food crops and many non-food crops at various outdoor and indoor sites. Residues of the pesticide are not expected to remain on treated food or feed. Available information indicates that use of the pesticide is not expected to have adverse effects on people or the environment.

I. Description of the Active Ingredient

Many strains of *Beauveria bassiana* are found worldwide in the soil. They control insects by growing on them, secreting enzymes that weaken the insect's outer coat, and then getting inside the insect and continuing to grow, eventually killing the infected pest.

II. Use Sites, Target Pests, And Application Methods

- **Use Sites:** Various outdoor and indoor sites, such as rangeland, improved pastures, forests, commercial landscapes and interiorscapes, greenhouses, homes. Crops include turf, ornamentals, and all food and feed uses.
- **Target pests:** Adults and larvae of many kinds of insects, including whiteflies, aphids, weevils, borers, grasshoppers, and diamondback moth.
- **Application Methods:** The product is sprayed on growing plants using hand, ground or aerial equipment; it can also be applied through irrigation systems on large agricultural fields.

III. Assessing Risks to Human Health

There are no expected health risks to humans who apply this fungus as a pesticide or who eat crops treated with the fungus. Special precautions are specified for pesticide handlers and for field workers who need to enter treated fields within certain short intervals after pesticide application. These workers must wear respiratory equipment and protective clothing as described on the product labels.

IV. Assessing Risks to the Environment

Tests show that the fungus is not toxic to mammals, birds or plants. There is a potential for the pesticide products to harm bees, so the products must not be applied near beehives or where bees are actively hunting for food. If the pesticide products are used as labeled, no harmful environmental effects are expected.

V. Regulatory Information

Pesticide products containing *Beauveria bassiana* strain GHA have been approved since 1995 for use on all food and feed crops and for certain non-food uses. As of November 1999, there were seven approved pesticide products containing this active ingredient.

VI. Producer Information

Mycotech Corp.
P.O. Box 4109
Butte, MT 59701

VII. Additional Contact Information

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