KODIAK® Flowable Biological Fungicide

FOR USE AS A SEED TREATMENT

ACTIVE INGREDIENT:
Bacillus subtilis GB03 (not less that of $5.0 \times 10^{10}$ viable spores per milliliter) ........................................... 1.37%

INERT INGREDIENTS: ................................................................. 98.63%

TOTAL 100.00%

EPA Reg. No. 264-970
EPA Est. 71065-NY-001

KEEP OUT OF REACH OF CHILDREN

CAUTION

See Additional Precautionary Statements

For MEDICAL And TRANSPORTATION Emergencies ONLY Call 24 Hours A Day 1-800-334-7577
For PRODUCT USE Information Call 1-866-99BAYER (1-866-992-2937)

FIRST AID

IF ON SKIN OR CLOTHING:
- Take off contaminated clothing.
- Rinse skin immediately with plenty of water for 15-20 minutes.
- Call a poison control center or doctor for treatment.

IF IN EYES:
- Hold eye open and rinse slowly and gently with water for 15 – 20 minutes.
- Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.
- Call a poison control center or doctor for treatment advice.

In case of emergency call toll free the Bayer CropScience Emergency Response Telephone No. 1-800-334-7577.
Have a product container or label with you when calling a poison control center or doctor, or going for treatment.

PRECAUTIONARY STATEMENTS

CAUTION
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Causes skin irritation. Avoid contact with eyes, skin or clothing. In case of contact, flush affected area with plenty of water. Repeated or prolonged excessive exposure may lead to sensitization of skin and lungs in susceptible individuals. When applying or handling concentrate or in the absence of adequate ventilation, wear a paper dust mask which covers at least one-third of the face. Wash face, hands and arms thoroughly with soap and water after handling and before eating or smoking.

ENVIRONMENTAL HAZARDS

Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high-water mark. Do not contaminate water when disposing of equipment washwater or rinsate. Cover or incorporate spilled seed or seed on soil surface.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your state or Tribe, consult the agency responsible for pesticide regulation.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage and disposal. Do not contaminate water by cleaning of equipment or disposal of wastes.

PRODUCT DISPOSAL

Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL

Triple rinse (or equivalent). Then offer for recycling or reconditioning or puncture and dispose of in a sanitary landfill, or incineration or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.
AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard. Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 4 hours. Exception: If the product is soil-injected or soil-incorporated, the Worker Protection Standard, under certain circumstances, allows workers to enter the treated area if there will be no contact with anything that has been treated. PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is: coveralls, waterproof gloves, and shoes plus socks and protective eyewear.

KODIAK Flowable contains bacteria which colonize the developing root system, suppressing disease organisms such as Fusarium, Rhizoctonia, Alternaria and Aspergillus that attack root systems. When used with a chemical seed treatment, the combination of chemicals and KODIAK Flowable provides protection to the root for a much longer time than with chemicals alone. As the root system develops, the bacteria grow with the roots extending the protection throughout the growing season. As a result of this biological protection, a vigorous root system is established by the plant, which often results in more uniform stands and greater yields.

In addition, KODIAK Flowable has been shown to increase the amount of nodulation by nitrogen-fixing bacteria when used on many legumes. This improvement in nodulation is a result of a healthier root system allowing more sites for nodules to form from naturally-occurring soilborne nitrogen-fixing bacteria.

FOR USE AS A SEED TREATMENT

KODIAK Flowable may be applied as a water-based slurry with other registered seed treatment insecticides and fungicides through standard slurry or mist commercial seed treatment equipment. To mix, first add the chemical insecticides and/or fungicides to the slurry mix with approximately ½ of the required water. Slowly add the KODIAK Flowable to the slurry until a uniform suspension is obtained. Add the remainder of the required water and maintain continuous agitation. Do not store mixed slurries for longer than 72 hours.

APPLICATION RATES

May be used in combination with other registered Bayer CropScience seed treatment fungicides and insecticides. Pre-test for compatibility with other seed treatment products.

COTTON:

For suppression of Rhizoctonia and Fusarium seedling diseases, apply 0.5 fl. oz. per 100 lbs. of seed.

SEED AND POD VEGETABLES (such as) green beans, snap beans, lima beans, kidney beans, navy beans, pinto beans, wax beans pole beans, garden peas, peas and field beans:

For suppression of root diseases caused by Rhizoctonia and Fusarium, apply 0.25 fl. oz. per 100 lbs. of seed. For improvement of nodulation by Bradyrhizobium in fields where appropriate strains are detectable, apply at 0.25 fl. oz. per 100 lbs. of seed.

SOYBEANS:

For suppression of root diseases caused by Rhizoctonia and Fusarium and for improvement of nodulation by Bradyrhizobium, apply 0.25 fl. oz. per 100 lbs. of seed.

WHEAT AND BARLEY:

For suppression of root diseases caused by Rhizoctonia and Fusarium, apply 0.1 – 0.2 fl. oz. per 100 lbs. of seed.

ALL OTHER AGRICULTURAL SEEDS:

For suppression of root diseases caused by Rhizoctonia and Fusarium, apply 0.2 – 1.0 fl. oz. per 100 lbs. of seed. Adjust rate accordingly to provide good coverage. Larger seed, because of reduced surface area, require less product per 100 pounds than smaller seed.

FOR APPLICATIONS OF KODIAK Flowable IN THE FIELD BY THE GROWER:

KODIAK Flowable when packaged in 32 fl. oz. (one-quart) 'Tip-and-Pour' containers are filled to a 16 fl. oz. volume. Prior to applying KODIAK Flowable to cottonseed in a "downstream" application, KODIAK Flowable must be mixed thoroughly with an equal volume (16 fl. oz) of clean tap or well water. Mixing must be done directly in the Tip-and-Pour container. The 50/50 mixture of the KODIAK Flowable and water (now a total of 32 fl. oz.) will treat a total of 64 bags (32 cuwt.) of cottonseed per container. Each time the 'Tip-and-Pour' is inverted, the pouring chamber will have 2.0 fl. oz. of the mixture. To obtain an appropriate amount of KODIAK Flowable to treat 8 bags of cottonseed, two 'tips' must be made to measure the correct amount of KODIAK Flowable.

FOR APPLICATIONS OF KODIAK Flowable TO SEED AND POD VEGETABLES:

KODIAK Flowable when packaged in 32 fl. oz. (one-quart) 'Tip-and-Pour' containers are filled to a 16 fl. oz. volume. Prior to applying KODIAK Flowable to seed and pod vegetables, KODIAK Flowable must be mixed thoroughly with an equal volume (16 fl. oz) of clean tap or well water. Mixing must be done directly in the Tip-and-Pour container. The 50/50 mixture of the KODIAK Flowable and water (now a total of 32 fl. oz.) will treat a total of 64 cuwt. of seed and pod vegetables. One tip of the bottle after mixing with water will provide 2 fl. oz. (a diluted 1 fl. oz. of KODIAK Flowable) that will treat 4 cuwt. of seed and pod vegetables.
IMPORTANT: READ BEFORE USE

Read the entire Directions for Use, Conditions, Disclaimer of Warranties and Limitations of Liability before using this product. If terms are not acceptable, return the unopened product container at once.

By using this product, user or buyer accepts the following Conditions, disclaimer of Warranties and Limitations of Liability.

Treatment of highly mechanically damaged seed, or seed of known low vigor and poor quality, may result in reduced germination and/or reduction of seed and seedling vigor. Treat and conduct germination tests on a small portion of seed before committing the total seed lot to a selected chemical treatment. Due to seed quality conditions beyond the control of Bayer CropScience, no claims are made to guarantee germination of carry-over seed.

CONDITIONS: The directions for use of this product are believed to be adequate and should be followed carefully. However, it is impossible to eliminate all risks associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Bayer CropScience. All such risks shall be assumed by the user or buyer.

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NOTICE TO BUYER

Purchase of this material does not confer any rights under patents governing this product or the use thereof in countries outside of the United States.

NET CONTENTS: 2.5 Gallons

KODIAK is a registered trademark of Bayer

Bayer CropScience

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