



# COMPANION® DRY CONCENTRATE

## BIOLOGICAL FUNGICIDE

*Now Registered*

**ACTIVE INGREDIENT:**

Bacillus subtilis GB03*:	00.03%
OTHER INGREDIENTS:	99.97%
TOTAL:	100.00%

\* Contains not less than 1.65 X 10<sup>7</sup> Colony Forming Units (CFU) per gram

For soil enhancing purposes, Companion® Dry Concentrate also contains: Sucrose, Monosaccharides, Condensed Fermented Plant Extracts, Dextrin, an Organic Sequestrant, and a Wetting Agent.

**Environmental Hazards:** Do not apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean highwater mark. Do not contaminate water when disposing of equipment washwater. Do not apply this product while bees are actively visiting the area. This product has not been evaluated for hazards to non-target insects, fish, aquatic invertebrates and other aquatic organisms.

**User Safety Requirements:** Users should wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

### KEEP OUT OF REACH OF CHILDREN

### CAUTION

#### DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation. 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.

FIRST AID	
<b>If in eyes</b>	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If on skin or clothing</b>	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15 - 20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
Have the product container or label with you when calling a poison control center or doctor, or going for treatment.	
<b>See back panel for additional precautionary statements.</b>	

#### 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 intervals (REI). The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

There is a restricted entry of zero (0) hours for incorporation into growing media and dusting bulbs when used in enclosed environments such as glasshouses and greenhouses.

#### GENERAL INFORMATION:

- Companion Dry Concentrate is a patented biological fungicide containing Bacillus subtilis GB03
- Contains a fortified natural organic carrier designed to act as the food source for the beneficial microorganisms. Includes sugars and a wetting agent
- Quickly colonizes the soil, thereby out-competing soil-borne fungal pathogens
- Prevents damping off and controls root rot pathogens (Fusarium, Pythium, Rhizoctonia, Phytophthora, and Sclerotinia)
- Companion Dry Concentrate Biological Fungicide's beneficial microorganisms help weaken and kill soil pathogens
- Reduces or eliminates the need for chemical fungicides
- Helps avoid chemical fungicide resistance
- Produces denser, whiter, and more vigorous root system
- Helps overcome damage from transplant shock or disease outbreaks faster
- Stimulates quicker and more abundant seed germination
- Follow Up applications with Companion Liquid Biological Fungicide to keep disease suppression going strong.

**Manufactured by:** Growth Products, Ltd.  
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 White Plains, NY 10602  
 Questions? Call toll free (800) 648-7626  
 EPA Registration No. 71065-2  
 EPA Establishment No. 71065-NY-001  
 U.S. Patent Pending  
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Net Contents: 5 lbs.  
 (Net Contents: 20 lbs.)  
 (Net Contents: 50 lbs.)

### PRECAUTIONARY STATEMENTS

**Hazard to humans and domestic animals:** Caution. Causes eye and skin irritation. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling.

**Personal Protective Equipment (PPE):** Applicators and other handlers must wear long-sleeved shirt and long pants, waterproof gloves, and shoes plus socks. Mixer/loaders and applicators must wear a dust/mist-filtering respirator meeting NIOSH standards of at least N-95, R-95, or P-95. Repeated exposure to high concentrations of microbial proteins can cause allergic sensitization. Follow manufacturer's instructions for cleaning / maintaining PPE. Keep and wash PPE separately from other laundry.

## IMPORTANT

Companion Dry Concentrate Biological Fungicide is only registered for use in protected growing environments (e.g. glasshouse or greenhouse), and is **not** registered for use in non-protected environments (e.g. non-contained nurseries or slat houses).

### FOR INCORPORATION INTO GROWING MEDIA FOR GREENHOUSE AND NURSERY MIXES

Mix Companion Dry Concentrate Biological Fungicide at a rate of 1/2 pound per cubic yard (yd<sup>3</sup>) of loose planting mix (300 grams per m<sup>3</sup>). Companion Dry Concentrate Biological Fungicide is effective in all types of mixes including potting, germination, plug and general purpose; it is also compatible with bark-containing mixes. For best results, Companion Dry Concentrate Biological Fungicide must be incorporated thoroughly and distributed uniformly throughout the media during the blending process.

For bulk soil blending, use the following table for mixing rates.

Companion Dry Concentrate	Truckload Quantities of Mix
25 lbs. 22.8 kg	50 cubic yards 38m <sup>3</sup>
40 lbs. 36.6 kg	80 cubic yards 61m <sup>3</sup>
50 lbs. 45.6 kg	100 cubic yards 76m <sup>3</sup>

The table below can be used to determine how much Companion Dry Concentrate Biological Fungicide to use based upon planting or rooting depth and area to be treated.

Planting Depth	Pounds Per 100 Square Feet	Square Feet Per Pound	Grams Per 10 Square Meters
2 in 50 mm	.33 lbs.	324 SF	320 gm
4 in 100 mm	.6 lbs.	162 SF	640 gm
6 in 150 mm	1 lbs.	108 SF	960 gm
8 in 200 mm	1.25 lbs.	82 SF	1280 gm
10 in 250 mm	1.5 lbs.	64 SF	1600 gm
12 in 300 mm	1.85 lbs.	54 SF	1920 gm

### SEEDS, CUTTINGS, AND OTHER NON-ROOTED PLANT MATERIAL

Mix Companion Dry Concentrate Biological Fungicide at a rate of 1/2 pound per cubic yard (300 grams per m<sup>3</sup>). Allow potting medium that has been sterilized to cool to 110° F (43°C) or lower before adding Companion Dry Concentrate Biological Fungicide. Plants without established roots can be planted immediately after mixing with Companion Dry Concentrate Biological Fungicide.

### CONTAINERIZED PLANTS:

For containerized plants incorporate Companion Dry Concentrate Biological Fungicide into the soil or soilless media at the rate of 1/2 pound per cubic yard (300 grams per m<sup>3</sup>). Use Companion Dry during the planting, sizing-up, and transplanting procedures at the rate listed in the following table. Companion Dry Concentrate Biological Fungicide can also be used as topdressing for containerized plants. Follow topdressing with an application of irrigation water to help move Companion Super Dry Concentrate into the soil. Use the following chart to determine the rate per container size.

CONTAINER SIZE	COMPANION DRY CONCENTRATE (NO. OF
1 gal. (4 litre)	3/4 tsp.
2 gal. (8 litre)	1 1/2 tsp.
3 gal. (12 litre)	2 tsp.
4 gal. (16 litre)	3 tsp.
5 gal. (20 litre)	3 3/4 tsp.

### HYDROPONICS

Use Companion Dry Concentrate Biological Fungicide in soilless media in hydroponic systems that utilize rockwool, soilless bags (peat, vermiculite, perlite), and NFT (nutritive film techniques). Thoroughly incorporate Companion Dry Concentrate Biological Fungicide with soilless mix at a rate of 1/2 pounds per cubic yard (300 grams per m<sup>3</sup>).

### BULBS

Pre-blend Companion Dry Concentrate Biological Fungicide into your soil mix at the time of bulb planting or cold storage. Mix at a rate of 1/2 pound Companion Dry Concentrate per cubic yard (300 grams per m<sup>3</sup>).

Dust bulbs with Companion Dry Concentrate Biological Fungicide before planting or cold storage and may be pot or case cooled. Dust with 1/4 pound (115 grams) Companion Dry Concentrate per 100 pounds (45 kg) of bulbs. If replanting bulbs after cold storage, incorporate Companion Dry Concentrate into media at a rate of 1/2 pound per cubic yard (300 grams per m<sup>3</sup>). Follow up with a treatment of Companion Liquid Fungicide 3 weeks after placement in greenhouse.

## STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

**Pesticide Storage:** Store in a dry place out of direct sunlight and away from heat sources. Keep from overheating or freezing.

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

**Container Disposal:** Do not reuse empty container. Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or, if allowed by state and local authorities, by incineration. If burned keep out of smoke.

### Notice - Read carefully conditions of sale and limited warranty statement.

As its sole express warranty, Growth Products, Ltd., warrants that this product conforms to the microbial description on the label and is reasonably fit for purposes stated on the label only when used in accordance with directions and instructions specified on the label, subject to the inherent risks set forth above. Only as permitted by applicable law, in the event of a breach of this limited warranty, Growth Products, Ltd. shall not be liable for consequential damages subject to applicable law. Growth Products, Ltd. neither makes nor authorizes any of its distributors to make any warranty of fitness or merchantability, guaranty or representation, express or implied, concerning this material. Buyer assumes the responsibility to handle, use and store this product in accordance with the safety instructions and use directions contained on the label. Buyer/User purchases this product to the foregoing Conditions of Sale and Limited Warranty, which, subject to applicable law, may be varied only by a written agreement signed by a duly authorized representative of Growth Products, Ltd. If these terms are not acceptable, return all products to the place of purchase, unopened for a full refund.

Manufactured in the USA By:

