

COMPANION[®]

DRY SUPER CONCENTRATE

ACTIVE INGREDIENT:

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

* Not less than 1.65 X 10¹⁰ Colony Forming Units (CFU) per gram

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

- Companion Dry Super Concentrate contains Bacillus subtilis GB03 for use on greenhouse, nursery, ornamental, and food crops grown indoors and out
- 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 pathogens
- Produces denser, whiter, and more vigorous root system
- Helps plants more quickly overcome damage from transplant shock or disease outbreaks
- Stimulates quicker and more abundant seed germination
- Significantly increases fresh shoot weights, root density, flowering, and fruiting

FOR INCORPORATION INTO GROWING MEDIA:

FOR GREENHOUSE AND NURSERY MIXES:

Mix Companion Dry Super Concentrate at a rate of 1/2 pound per cubic yard (yd³) of loose planting mix (300 grams per m³). Companion Dry Super Concentrate 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 Super Concentrate 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 Super Concentrate	Truckload Quantities
25 lbs. 11.4 kg	50 cubic yards 38 m ³
40 lbs. 18.3 kg	80 cubic yards 61 m ³
50 lbs. 22.8 kg	100 cubic yards 76 m ³

20 Lbs. of Concentrate Blends 40 Cubic Yards Of Planting Mix!

The table below can be used to determine how much Companion Dry Super Concentrate to mix based upon crop and area to be treated.

Crop Type	Rate
Flowers, Bedding Plants, and Ornamentals	.5 lbs. / cubic yard soil mix 300 g / m ³ soil mix
Fruiting Vegetables	2.5 lbs. / acre 3 kg / hectare .5 lbs. / cubic yard soil mix 300 g / m ³ soil mix
Herbs, Spices, and Mints	2.5 lbs. / acre 3 kg / hectare .5 lbs. / cubic yard soil mix 300 g / m ³ soil mix
Hydroponics Crops	.5 lbs. / cubic yard soil mix 300 g / m ³ soil mix
Leafy Vegetables and Cole Crops	2.5 lbs. / acre 3 kg / hectare .5 lbs. / cubic yard soil mix 300 g / m ³ soil mix
Pome Fruit, Stone Fruit, and Nut Trees	2.5 lbs. / acre 3 kg / hectare .5 lbs. / cubic yard soil mix 300 g / m ³ soil mix
Shadehouse and Outdoor Nursery Crops	2.5 lbs. / acre 3 kg / hectare

The table below can be used to determine how much Companion Dry Super Concentrate to mix based upon planting 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	324	160
4 in 100 mm	.6	162	320
6 in 150 mm	1	108	480
8 in 200 mm	1.25	82	640
10 in 250 mm	1.5	64	800
12 in 300 mm	1.85	54	960



Manufactured By:
GROWTH PRODUCTS, LTD.
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 White Plains, NY 10602
 Questions? Call (800) 648-7626
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Net Contents: 5 Lbs. 20 Lbs.

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

Mix Companion Dry Super Concentrate at a rate of 1/2 pound per cubic yard (300 grams per m³). Allow potting medium that has been sterilized to cool to 110° F (43°C) or lower before adding Companion Super Dry Concentrate. Plants without established roots can be planted immediately after mixing with Companion Dry Super Concentrate.

NURSERY APPLICATIONS AND CONTAINERIZED PLANTS:

For nursery plantings incorporate Companion Dry Super Concentrate into the soil or soilless media at the rate of 1/2 pound per cubic yard (300 grams per m³). Use Companion Dry during the planting, sizing-up, and transplanting procedures at the rate listed in the following table. Companion Dry Super Concentrate 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 teaspoons per pot)
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:

Companion Dry Super Concentrate may be used in soilless media in hydroponic systems that utilize rockwool, soilless bags (peat, vermiculite, perlite), and NFT (nutritive film techniques). Companion Dry Super Concentrate should be thoroughly incorporated with soilless mix at a rate of 1/2 pound per cubic yard (300 grams per m³).

BULBS:

Pre-blend Companion Dry Super Concentrate into your soil mix at the time of bulb planting or cold storage. Mix at a rate of 1/2 pound Companion Dry Super Concentrate per cubic yard (300 grams per m³). Bulbs may be dusted with Companion Dry Super Concentrate before planting or cold storage and may be pot or case cooled. Dust with 1/4 lb (115 grams) Companion Dry Super Concentrate per 100 pounds (45 kg) of bulbs. If replanting bulbs after cold storage, incorporate Companion Dry Super Concentrate into media at a rate of 1/2 pound per cubic yard (300 grams per m³). Follow up with a treatment of Companion Liquid Fungicide 3 - 4 weeks after placement in greenhouse.

IN-FURROW SOIL TREATMENTS:

Apply Companion Dry Super Concentrate at seeding at a rate of 1 1/3 pounds per acre (1.5 kg / hectare). For best results, apply Companion Dry Super Concentrate mixed with a carrier and using a metering device, such as a Gandy applicator or equiva-

lent, mounted to deliver granules into the furrow just behind the furrow opener. Can be applied to establish crops as a side dressing at a rate of 1 1/3 pounds per acre. Companion Dry Super Concentrate can be used on a broad range of vegetable crops, such as (but not limited to) tomatoes, peppers, cucurbits, lettuce, beans, potatoes, celery, and field grown herbs.

TREES, SHRUBS, AND TRANSPLANTS:

Apply Companion Dry Super Concentrate to the planting hole at a rate of 2 - 4 ounces (60 - 120 grams) and incorporate into the planting soil or soil mix.

FOLLOW UP MAINTENANCE:

For optimum disease protection, and continued vigorous and healthy plant growth, follow up with applications of Companion Liquid Biological Fungicide 3 - 4 weeks after planting. Companion Liquid Biological Fungicide can be easily used with any type of irrigation equipment such as sprinkler, flood (basin) or drip (trickle) irrigation systems without concern for clogging or abrasion. Companion Liquid is compatible with technical materials and chemical fungicides. It works to prevent and suppress diseases such as Rhizoctonia, Pythium, Fusarium, Phytophthora, Sclerotinia, and Anthracnose.

WARRANTY

This material conforms to the description on the label and is reasonably fit for the purposes referred to in the directions for use. Timing and method of application, weather, watering practices, nature of soil, disease problem, condition of the crop, and incompatibility with other influencing factors in the use of this product are beyond the control of the seller. Buyer assumes all risks of use, storage, or handling of this material not in strict accordance with directions given herein. NO OTHER EXPRESS OR IMPLIED WARRANTY OF THE FITNESS OR MERCHANTABILITY IS MADE.



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