

Harnessing nature's ability to restore personal health & the environment™

SCD Bio Ag® is an all-natural, environmentally safe probiotic additive for farm and garden use containing powerful microbes and their metabolites.

SCD Bio Ag is made using SCD Probiotics Technology and the principles of beneficial microorganism applied science. It is produced through a natural fermentation process, is not chemically synthesized or genetically engineered or modified.

For customized solutions or successful case studies from around the globe, please contact customerservice@SCDProbiotics.com

SCD Bio Ag is listed for use in organic production by the Organic Materials Review Institute.

Many household applications suggest the use of a spray bottle for application. Transfer the desired amount of the SCD Probiotics product into a clean spray bottle and dilute according to instructions.

Tightly close the cap on the original SCD Probiotics bottle (this helps maintain the efficacy of the probiotics inside). Use the diluted amount in the spray bottle within 1-2 days for maximum effectiveness.

SCD Bio Ag is a concentrate and should be diluted as directed below:

Household and Residential Uses

Application:	Dilution Ratio Probiotics : Water	Dilution Example	How to Apply:
Window Boxes and Inside Plants for Healthier Plants	Undiluted	½ Tbsp. per 16 oz. spray bottle or watering container.	Add SCD Bio Ag to watering can or spray bottle. When planting, prepare dilution in spray bottle and mist planting holes and surface of loosened soil before placing and covering seeds. Mist surface. Do not spray blooms.
Yard Compost for Accelerated Composting	1:100	2½ Tbsp. per gallon	Spray first and last week of pile or every 2 weeks as needed. Moisture should not exceed 35%. May cause high temperatures in aerobic piles. Turn as needed.
Lawn and Garden for Pest Control and Soil Fertility	1:1,000	¾ tsp. per gallon	Apply in the spring and fall as a spray or as an additive to watering system
Trees and Flowering Shrubs for Healthier Plants	1:1,000	¾ tsp. per gallon	Spray soil and foliage with dilution for every season. DO NOT spray blooms or they may drop. Prepare soil and let sit for one month before seeding. Add probiotics monthly while watering. Apply to soil when preparing for fall season.

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Agriculture Usages

Application	Dilution Ratio Probiotics : Water	Dilution Example	How To Apply
Agricultural Inoculant for Soil Fertility	Undiluted	1-10 gallons per acre per year	Apply as spray or as additive to irrigation water. May add 1-10 gallons per acre or according to economic feasibility. Maximum total of 60 gallons per acre per year can be applied to healthy soil.
Plant Propagation (from leaf, stem or root cuttings)	Undiluted	¼ tsp. to 16 oz. water in a holding container	To propagate in water: room temperature. Introduce stem, vine or root to diluted mix. When new roots sprout, plant in soil moistened with dilution. To propagate in soil: moisten soil with dilution and insert leaf or stem. Continue watering with dilution as needed.
Crop Residues for Accelerated Decomposition	1:1,000	¾ tsp. per gallon	Apply 1-5 gallons per acre on top of crop residues or before incorporating into soil.
Orchard for Improved Nutritional Uptake	1:1,000	¾ tsp. per gallon	10-60 gallons per acre per season (diluted with water). Do not spray while blooming or blooms may drop.
Seed Soak for Increased Germination	1:1,000	¾ tsp. per gallon	Soak small seeds: 5-10 minutes; Soak medium seeds: 10-20 minutes; Soak large seeds: 20-30 minutes; Continue to spray seeded area monthly during crop growth.
Hydroponic Systems or Improved Nutritional Uptake	1:10,000	¾ tsp. to 10 gallons	Add dilution to system along with nutrient solution.

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