BIOCULT

Put life back into the soil



BIOCULT BIOSTIMULANT

Biocult® is a biological biostimulant that combines three species of arbuscular mycorrhizal fungi (AMF) with five strains of Trichoderma asperellum to create a robust root-zone microbial community. The mycorrhizal fungi form a symbiotic association with crop roots, extending the root system through a network of fungal hyphae that enhances the uptake of water, phosphorus, and other essential nutrients. The Trichoderma asperellum strains complement this activity by rapidly colonizing the rhizosphere, stimulating root growth, improving nutrient acquisition, and supporting a healthier soil microbial environment. Together, these beneficial microorganisms function as natural biostimulants that promote stronger, more efficient root systems and improved plant performance throughout the growing season.

For Canadian fruit and vegetable production, Biocult can help crops establish more quickly, improve nutrient-use efficiency, and better tolerate environmental stresses commonly encountered during the season, including drought, temperature fluctuations, and transplant shock. The combined activity of mycorrhizae and Trichoderma supports enhanced root development, improved soil exploration, and greater access to water and nutrients, which can contribute to increased plant vigor, crop quality, and marketable yield in crops such as strawberries, grapes, apples, tomatoes, peppers, cucumbers, onions, and potatoes. In addition, the beneficial fungi help create a more resilient root environment through competitive interactions with soilborne pathogens and by stimulating natural plant defense responses, making Biocult a valuable component of sustainable and integrated crop management programs.

Active Ingredients:

Glomus mosseae - 400 spores/g
Claroideoglomus etunicatum - 400 spores/g
Rhizophagus irregularis - 400 spores/g
Trichoderma asperellum 1x10 sfu/g

Key Crops:

Tomatoes, peppers, cucurbits, potatoes, ginseng, apples, grapes, lettuce, strawberry, greenhouse fruit and vegetables, ornamentals

Key Targets:

Crop quality, drought, nutrient deficiencies, salt stress, soil health

Group:

Biostimulant

Packaging Size:

8 x 200g

Belchim Canada
GROWING TOGETHER

CROP	RATE	ADDITIONAL INFORMATION
Root and Tuber Vegetables	200 g/ha	Carrots: Apply after sowing through irrigation Potatoes and Ginseng: Apply in-furrow, use 100L water/ha.
Bulb Vegetables	200 g/ha	Apply after transplanting through irrigation.
Leafy Vegetables	200 g/ha	Apply after transplanting through irrigation.
Legume Vegetables	100 g/ha	Apply as a seed treatment, in-furrow, use 100L water/ha, or at emergence. Note: Compatible with Rhizobium inoculants.
Fruiting Vegetables & Cucurbits	200 g/ha	Apply after transplanting through irrigation.
Berries	200 g/ha	Apply after transplanting through irrigation.
Cereal Grains	100 g/ha	Apply in furrow, use 100L water /ha.
Oilseeds	100 g/ha	Apply in furrow, use 100L water /ha.
Ornamentals	200 g/ha	Apply after transplanting through irrigation.
TRANSPLANTED CROP	**RATE**	**ADDITIONAL INFORMATION**
Pome and Stone Fruit: Tree Transplants	200g per 600 plants	Dissolve the 200g of Biocult Mycorrhizae WS in 30L of water. Apply 50ml of the suspension per plant, directly over the roots before closing the planting hole Note: Keep suspension in constant agitation.
Berries: Grape Transplants	200g per 1200 plants	Dissolve the 200g of Biocult Mycorrhizae WS in 30L of water. Apply 25ml of the suspension per plant, directly over the roots before closing the planting hole Note: Keep suspension in constant agitation.
Ornamentals: Shrub Transplants	200g per 1200 plants	Dissolve the 200g of Biocult Mycorrhizae WS in 30L of water. Apply 25ml of the suspension per plant, directly over the roots before closing the planting hole Note: Keep suspension in constant agitation.
ESTABLISHED CROPS	**RATE**	**ADDITIONAL INFORMATION**
Berries	200 g/ha	Apply through irrigation at the start of a new growing season.
Ornamentals	200 g/ha	Apply after transplanting through irrigation
Pome and Stone Fruit	200 g/ha	Apply through irrigation at the start of a new growing season.
Always read and follow the label.		

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