

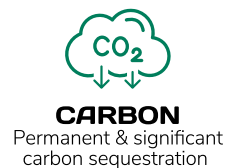
Plant Stress? Rootella[®]'s Got You Covered

Growers today face increasing challenges - from droughts and heatwaves to poor soils and disease pressure. These stresses weaken plants and reduce yields. At Groundwork BioAg, we understand that **working with nature is the only way to ensure that nature works with you**. That's why resilience starts underground - with Rootella[®] mycorrhizal inoculants that strengthen crops from the root up. By enhancing nutrient uptake, water efficiency, and stress tolerance, Rootella helps plants thrive, even in the toughest conditions.

Rootella Lets Your Ground Work

Rootella mycorrhizal inoculants mitigate plant stress. Rootella mycorrhizal inoculants include a range of highly concentrated seed treatment formulations based on naturally robust strains of mycorrhizae. Known as the Queen of Biologicals, mycorrhizae are fungi-root symbioses that extend the plant root zone by 10-100x and improve plant nutrient and water absorption.

Broad Scope of Benefits



Built for Resilience. Proven Under Stress.

Rootella helps plants withstand the toughest growing conditions by addressing two key stress factors:

Soil Stress

Poor soils - whether depleted, acidic, or alkaline - limit nutrient availability. Rootella overcomes these barriers by unlocking bound phosphorus, improving rhizobia performance, and enhancing nitrogen uptake. Even in low-quality soils, Rootella ensures nutrients reach the plant when and where they're needed.

Water Stress

Whether it's drought, runoff, or flooding, water extremes challenge plant survival. Rootella increases root surface area and improves soil's sponge-like capacity, helping plants absorb and retain water more efficiently. The result: stronger performance and higher yields under variable water conditions.



Application Methods & Rates

Rootella is available in **multiple easy-to-use formulations** that fit smoothly into all normal seed treatment protocols or as an overtreat on pretreated seeds.

Product	Rootella®	Rootella® T	Rootella® F	Rootella Forte®	Rootella® X	Rootella® L
Concentrations	2,500 propagules/g	2,500 propagules/g	20,800 propagules/g	41,600 propagules/g	167,000 propagules/g	167,000 propagules/ml
Form	Flakes	Grow Packs	Sticky Fine Powder	Fine Powder	Wettable Powder	Liquid
Application Rate	0.1-0.4 g/ seedling *Broadcasting: 70.55 oz/ac, 2kg/ac, 5kg/ha 1.25kg cubic meter of media	1-2 grow packs in the planting hole	1.7-4.3 oz/ac 50-120 g/ac 120-300 g/ha	0.85-2.15 oz/ac 25-60 g/ac 60-150 g/ha	0.2 oz/ac 6 g/ac 15 g/ha	0.2 fl oz/ac 6 ml/ac 15 ml/ha
Application Method	Mixing in Growing Media & Broadcasting	Tree Planting/ Transplanting	Planter Box Treatment & Dusting	Planter Box Treatment & Dusting	Professional Seed Treatment, In-Furrow	Professional Seed Treatment, In-Furrow
Crops	Field vegetables	Orchards	Row & Field Crops	Row & Field Crops	Row & Field Crops	Row & Field Crops

Rootella Builds Crop Resilience in Stress Conditions



Soybean under drought conditions - 20 days without rain

- Mycorrhiza treated plot (89 ac) showed **no** signs of stress
- Mycorrhiza increased yield from 50.9 to 62.8 bu/ac, a 21.6% improvement under drought stress

Groundwork BioAg, a leading bioagriculture company, produces highly concentrated mycorrhizal inoculants for commercial agriculture. Designed to integrate smoothly into all cultivation methods, our inoculants are easy to apply and adaptable to the range of farmer needs. Our products boost soil fertility and permanently sequester carbon, allowing farmers to benefit from higher yields, fertilizer reduction, increased plant resilience, and carbon revenue.

Get in touch with our Sales Team: info@groundworkbioag.com



Groundwork BioAg, Ltd.
+1-833-544-1011 (US)
+972-77-502-0806 (IL)
info@groundworkbioag.com



GM240210 02/24

www.groundworkbioag.com

LET YOUR GROUND WORK™