

Rootella®: A Lifesaver for Legumes

Legume yields can be affected by insufficient nutrient availability, suboptimal soil conditions, and weather stress. Groundwork BioAg understands that working with nature is the only way to ensure that nature works with you. Rootella fortifies legume health by restoring the mycorrhizal pathways that underpin crop success.



Rootella Lets Your Ground Work

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. Rootella mycorrhizal inoculants also unlock chemically bound phosphorus, optimizing rhizobia effectiveness and improving nitrogen availability.

Broad Scope of Benefits



FERTILITY
Yield increase
and quality improvement



SAVINGS
Fertilizer and water
requirement reduction



RESILIENCE
Plant durability
under stress conditions

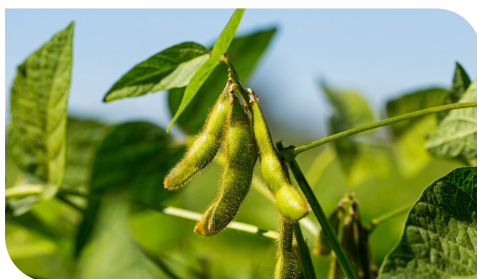
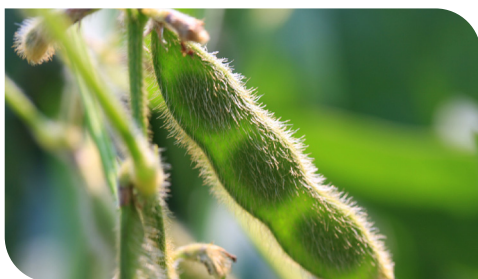


CARBON
Permanent & significant
carbon sequestration

Application Methods & Rates

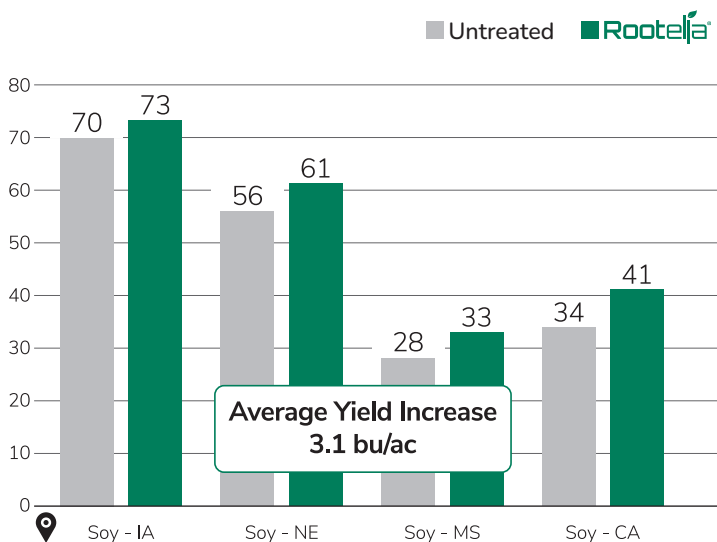
Rootella is available in **multiple easy-to-use formulations** that fit smoothly into all normal seed treatment protocols or as an overtreat on pretreated seeds.

Product	Rootella® F	Rootella® Forte	Rootella® X	Rootella® L
Concentration	20,800 propagules/g	41,600 propagules/g	167,000 propagules/g	167,000 propagules/ml
Form	Fine powder	Fine Powder	Wettable powder	Liquid
Application Rate	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	Planter Box Treatment	Planter Box Treatment	Professional Seed Treatment, In-Furrow	Professional Seed Treatment, In-Furrow



Field-Tested, Farmer-Proven

Average Yield (bu/ac)



“Extremely happy with Rootella this year, we are seeing a 10-12 bushel per acre increase. Increase in our soybean yields.”

Agri Select, KY, USA



Breno Teles, Ativa Biotecnologia, NovaTero BioAg, Brazil



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.

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