

Use Case

Corn Trial – Matto Grosso (2018)



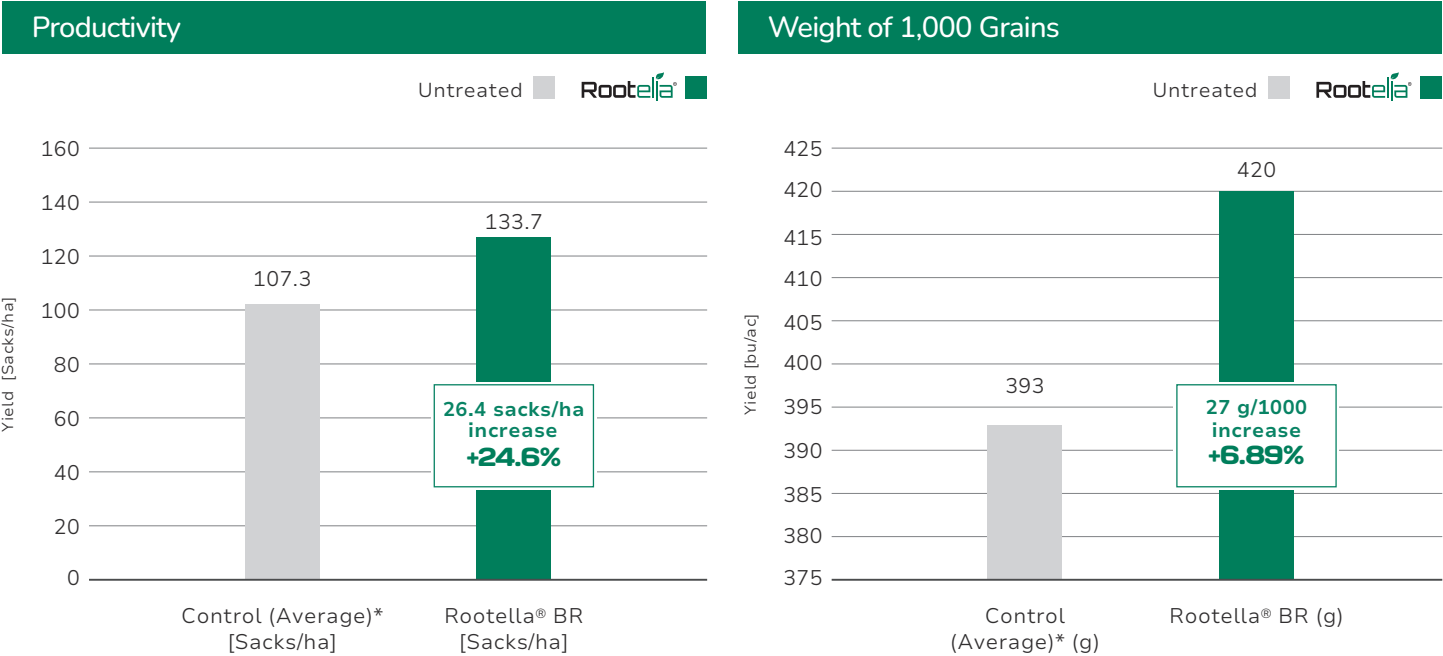
Addressing the Challenges of Large-Scale Corn Production

Rootella® offers a vital biological solution for Brazilian corn growers facing rising phosphorus costs and high yield demands. By establishing an extended hyphal network, mycorrhiza enhances the crop's natural resilience and nutrient uptake. Trials in Brazil provide robust evidence that **Rootella delivers consistent yield increases and significant fertilizer efficiency for large-scale production.**



Corn: Mato Grosso (2018)

A trial was conducted in partnership with Agrocatt at the Rio Alegre farm in Deciolândia, Mato Grosso. The final harvest results confirmed a significant performance advantage for the Rootella BR plot:



*Control data represents the average of two adjacent untreated plots.

- Rootella treated plots showed visibly better root and stalk growth at 15, 32, 49, and 66 days post-planting compared to the control.
- End-of-season measurements of 1000-grain weight at 172 days post-planting and final harvest results at 187 days post-planting confirmed a significant performance advantage for the Rootella® BR plot, demonstrating the product's value at a commercial scale.

Conclusion: Sustainable Profitability

The Brazilian trials provide overwhelming evidence of Rootella's value in a high-stakes commercial environment. That supports the core value of **Increased Profitability** for growers (delivering a commercial advantage of 26.4 Sacks/ha in the field). Rootella provides a scientifically backed and commercially proven tool for achieving high yields while improving the sustainability and efficiency of fertilizer use in Brazilian corn production.