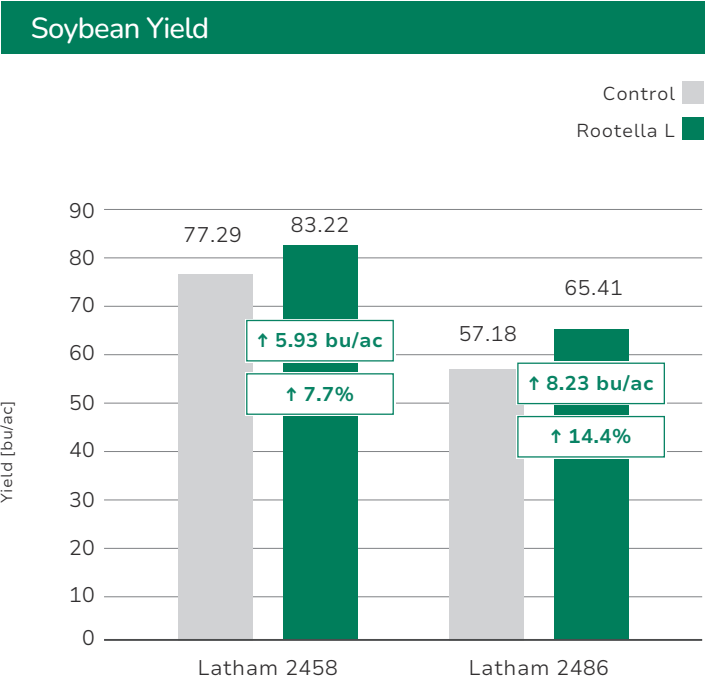


Use Case

Rootella[®] L Performance in Soybeans
(Iowa, 2023)

This use case evaluates the impact of Rootella[®] L mycorrhizal inoculant on soybean yield. The trials were conducted across two locations in Iowa (Dallas County and Story County) during the 2023 season, comparing treated crops against untreated controls using two Latham varieties.



- Trial Specifications
- **Location:** Dallas County and Story County, Iowa, USA
 - **Crop:** Soybean (Glycine max)
 - **Product:** Rootella[®] L
 - **Hybrids Tested:** Latham 2458 and Latham 2486
 - **Trial Design:** Comparative field trials (Rootella L vs. Control)

Key Results

* Integrating Rootella L into soybean management provides a biological insurance policy that can unlock double-digit growth percentages and substantial bushel gains in favorable conditions.

Analysis & Conclusion

The 2023 Iowa soybean trials highlight the localized and variety-specific advantages of Rootella[®] L.



High-End Yield Potential

In Dallas County, Rootella[®] L pushed Latham 2458 yields toward the 85 bu/ac mark, a significant achievement for the region.



Stress Mitigation & Efficiency

The 14.4% yield increase in Story County for Latham 2486 suggests that Rootella[®] L significantly improved nutrient and water uptake efficiency, allowing the plant to better express its genetic potential.



Strategic Application

The results indicate that while response can vary by variety and soil condition, the peak advantages (ranging from 5.9 to 8.2 bu/ac) offer a massive economic benefit to soybean producers.