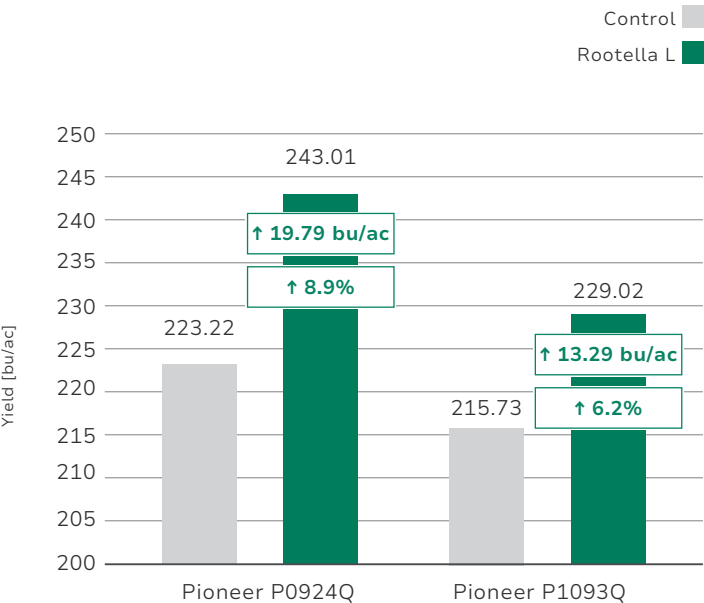


Use Case

Rootella[®] L Performance in Corn
(Jasper County, IA, 2023)

This use case evaluates the efficacy of Rootella[®] L mycorrhizal inoculant on corn yield performance in Jasper County, Iowa. The trial compared treated plots against untreated controls across two high-performing Pioneer hybrids during the 2023 growing season.

Corn Yield



Trial Specifications

- **Location:** Jasper County, Iowa, USA
- **Crop:** Corn (*Zea mays*)
- **Product:** Rootella[®] L
- **Hybrids Tested:** Pioneer P0924Q and Pioneer P1093Q
- **Trial Design:** Comparative field trial (Rootella L vs. Control)

Key Results

The application of Rootella[®] L delivered substantial yield increases in Jasper County, pushing both hybrids well above the 225 bu/ac threshold and demonstrating significant gains over the untreated controls.

Analysis & Conclusion

The Jasper County trial further validates the performance of Rootella[®] L in high-yield corn environments.

Exceptional Yield Peaks

Achieving over 243 bu/ac with hybrid P0924Q showcases the product's ability to help plants maximize their genetic potential in productive Iowa soils.

Consistent Response

Both Pioneer hybrids showed positive responses, with an average yield advantage of 16.54 bu/ac across the site.

Economic Impact

The nearly 20-bushel advantage for P0924Q represents a massive boost in revenue per acre, significantly exceeding the cost of application and providing a robust return on investment for the grower.

By fostering a more efficient root system, Rootella[®] L ensures that corn crops can better access soil nutrients and moisture, leading to the variable but consistently positive performance observed in this trial.