



AgroBioTechNZ
microbial solutions

AgroAzzo

AgroAzzo is a premium Azotobacter bio-inoculant designed to enhance plant growth and nitrogen fixation in crops. It contains a high concentration of Azotobacter chroococcum, which is beneficial bacteria known for their ability to fix atmospheric nitrogen and convert it into a form that can be readily absorbed by plants.

Enhanced Nutrient Availability

AgroAzzo's Azotobacter strain supplements the soil with biologically available nitrogen, providing a consistent and sustainable source of nutrition for plants.

Reduced Environmental Impact

Unlike chemical fertilizers that can leach into water bodies and harm ecosystems, AgroAzzo generates biological N over sustained period of crop growth resulting in lower requirements of chemical N. This contributes to decreasing N runoff and pollution.

Improved Soil health

The presence of Azotobacter fosters a thriving microbial community in the soil, contributing to improved soil structure, water retention, and nutrient cycling.

Crop Yield and Quality

Plants receiving a consistent supply of nitrogen from AgroAzzo tend to exhibit better growth, increased yield, and enhanced nutritional content.

Active Ingredients:

Azotobacter chroococcum

Contain no less than 10^8 CFU/ml

Application Rates

Seed Treatment: 0.5-1L per 100Kg of Seed

In-furrow: 2L/ha

Soil Drench: 3-5L/ha



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www.agrobiotechnz.nz

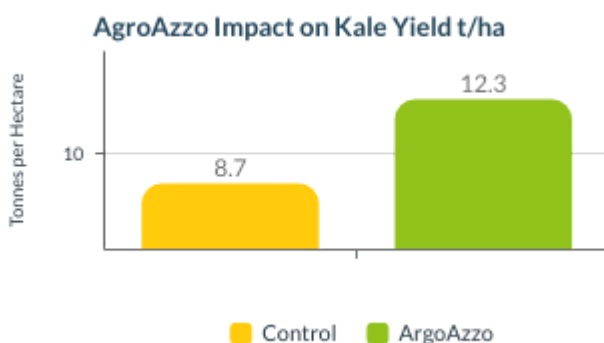
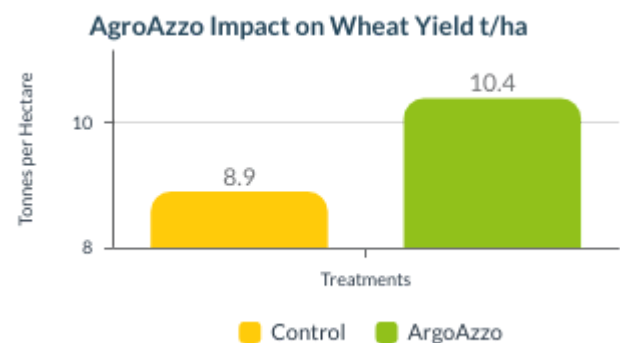


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Results

Canterbury Wheat Trial

This replicated field trial was designed to determine the effectiveness of AgroAzzo against an untreated control on Wheat in Aylesbury, Canterbury. The results showed that AgroAzzo performed very well against a fertilised control generating a significant yield advantage. The Yield increase was 1.5 tonnes which generated significant profits for the grower.



Canterbury Kale Trial

This replicated trial was conducted in Canterbury, New Zealand on Coleor, Kale. The result showed a significant result was gained when AgroAzzo was applied over a fertilised control. The AgroAzzo treatment gave a 3.6t increase in yield.

Independent Fodder Beet Trial

This independent trial run by PastureFirst in Canterbury, NZ was a plot replicated field trial conducted between November 2023 and June 2024. The results showed AgroAzzo significantly improved yield over the control. In addition to total yield AgroAzzo significantly improved both Bulb and Top Yield.

