

Converte Quarterly Newsletter

July 2023



Optimise your fertiliser this spring

'Converte to optimal performance' with Converte biostimulant range this spring. Our Biostimulants (Seed Primer, Plantfood and Foliar) enhance nutrient uptake, promote vigorous root growth, and drive fertiliser efficiency and input cost savings. Recent trials show significant increases in the enzymes that help cycle nutrients,

increases in soil microbes that transfer nutrients to the plant and improvements in plant health and yield. Converte products easily integrate with existing fertiliser programs. Just add 250ml plantfood per hectare into your mixing tank and combine with your existing input program to drive both efficiency and profitability. In broadacre programs the best time to apply Plantfood is 4-6 weeks post sowing.

Find out more about Plantfood



GRDC - Cicada Grains Challenge Program

Converte are 3 months in to the Grains Challenge Program funded by GRDC and hosted by Cicada Innovations in Sydney. The program is taking Ag tech companies through a mentor and coaching program and aiming to add value to the Australian Grain Industry and the

challenges the industry faces in the years ahead. Converte are particularly focused on the program goals of:

Optimising input costs; and

Managing risk to maximise profit and minimise losses.

Check out Cicada Innovations for more information, the home of deep tech in Australia. You can also schedule a meeting with the Converte Managing Director John Ridley at Cicada offices in Sydney.

<https://www.cicadainnovations.com/about>

Learn more about Cicada

Stand out observations on PlantFood in Mendooran, NSW

This farmer has sent us photos of treated pastures and root growth comparisons with the control or non treated area. In radish and oats, each treated with Plantfood you can see:

- Extensive root growth
- Increased plant size and vigour
- Increased evidence of microbial activity on the roots.





ABOVE: Mixed pasture paddocks control and treated, with significant difference in productivity and health in Plantfood treated pasture. Trial areas are in the same paddock.

BELOW: Plants on the right were treated with Plantfood once. Significant growth rate difference is the most obvious observation. More extensive roots indicating better access to nutrients and water, more microbial activity and exudates are also evident. Faster plant growth, accelerated carbon pathways and larger root mass are typical observations with our Seed Primer and Plantfood applications.





Optimise your Spring with Convertite PlantFood here



Convertite Seed Primer

The Convertite Seed Primer is a unique nutrient rich coating for seeds. This product costs only \$1.5 - \$3.0 / ha and has consistently performed delivering higher germination rates, > root mass and surprising yield increases. Can be applied alone or with conventional seed coating. Recent broadacre studies show an ROI of \$105 / hectare. With a Win Ratio of >75% its It's a win win for farmers.

Buy it here



DeBortoli Future Drought Fund Project

Our Future Drought Fund Ideas Grant is now complete. Key findings are the Bio-Restore slow release pellets applied at 100kg /ha in vineyards proved most effective, improving both moisture retention and yield. The pellets are considered most suitable for horticulture and are available initially for small plot trials and demonstrations.

[Read the research findings](#)



PhD on Converte Bio-Stimulant Products is published in peer reviewed journal!

This 4 year PhD study investigated the effects of Converte Seed Primer and Plantfood on soil biology and physicochemical properties in field and glasshouse trials. Thanks to Prof. Brajesh Singh and Jenendra

Wadduwage at Western Sydney University for their persistence and hard work and dedication to this project. Key Findings:

- Plantfood stimulated microbial activity by 40.1% in surface (0–10 cm) and 36.4% in deeper (10–20 cm) soil.
- Soil enzymes associated with carbon, phosphorus and nitrogen cycling were stimulated;
- Application of Plantfood and Seed Primer significantly increased the phosphatase enzyme activity by 26.8%;
- Higher N acetyl β D glucosaminidase enzymatic activity by 56% indicates higher nitrogen cycling and mineralization of N . It also indicates greater decomposition of organic nitrogen into simple, greater plant assimilable forms.
- Plantfood significantly increases retained moisture through the soil profile ranging from 27 - 88% increases;
- A significantly positive treatment effect was observed on both total C and N levels at both 0-10cm and 10-20cm depths.
- The results support the fact that Converte bio-stimulants can enhance crop performance in a single application and this shows significant promise for long term use.

You can read the full peer reviewed paper here:

Biostimulant Peer Reviewed Paper

Converte Field Days and Events

Look out for us at the following field days and events. Come along for show specials and more information on field results, product application and performance.

- NSW - Mudgee Field Days 7 - 8th July
- WA - Dowerin Machinery Field Days- 30-31st August
- WA - Regen Farmers Conference 6-8 September
- Henty Machinery Field Days, Henty NSW 19-21 September
- World Agri Tech - London UK September 26-27



Have you had a call from us recently?

If not, fill out this request and we will contact you to discuss how we can Converte your program to optimal Converte can optimise your program's performance.

[Click here to send an email and request a Converte reconnection](#)

Q. How did the farmer find his wife when she got lost in the paddock?

A. He tractor down!



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