

Cereals

Improve yield with
next generation
Endophytic Trichoderma

Wheat
Rye
Barley
Sorghum
Oats
Spelt
Triticale



Exceptional grower feedback is the hallmark of Sabel-X Endophytic Trichoderma!

Unlock your soil's biological potential with Sabel-X

- Increases nutrient & moisture uptake
- Greater tolerance to stress events
- Reduces effect of soil pathogens
- Higher yields

Sabel-X Trichoderma - how they work

They colonise inside the plant within 48 hours of seed germination and immediately begin communicating with the plant.

Sabel-X Trichoderma persist for the life of annual crops, playing a key role in signalling within the plant and to beneficial root zone microbes. This improves crop performance by initiating and interpreting signals from the plant to:

1. Upregulate genes involved in photosynthesis, increasing energy available to the plant by up to 30%. More energy for extra plant growth (& yield) in the form of root exudates to nourish soil microbes, releases previously inaccessible nutrients.
2. Attract beneficial microbes to the plant roots, coordinating the microbial activity to create a healthy root zone, reducing the effect of soil pathogens.

The signals and results produced by Sabel-X Trichoderma are in addition to those produced by the plant alone.

Harness the power of nature

UNLOCK YOUR SOIL'S BIOLOGICAL POTENTIAL



Sabel-X Cereal Results - consistent yield increases

Return on Investment:

Wheat 2014 SA - 8.16 to 1

Barley 2019 WA - 4.11 to 1

Wheat 2020 WA - 2.74 to 1

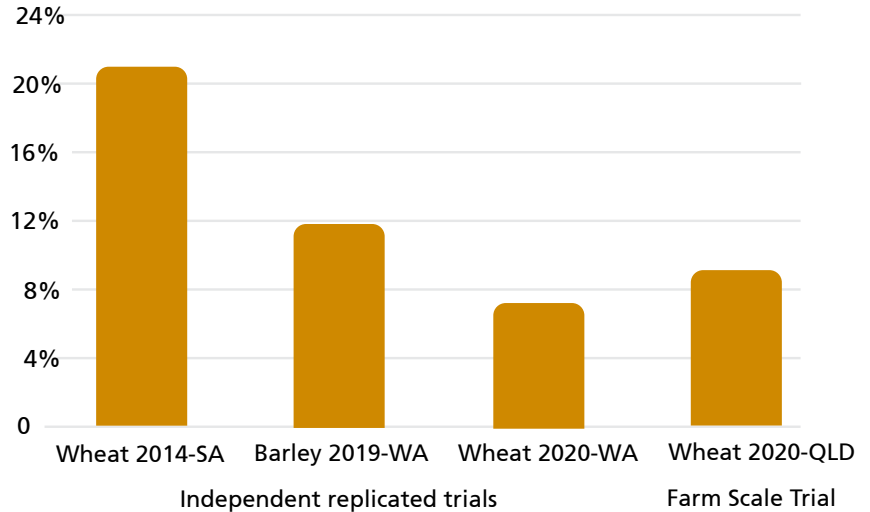
Wheat 2020 QLD - 3.37 to 1

Application rate : Seed Treatment

Wheat, barley, oats, cereal rye, spelt, triticale:
300g/250kg of seed.

Applied as a dry seed treatment prior to planting.

Percentage yield increase - 4 trials



Barley results - WA 2019



Wheat results - WA 2020

Biloela QLD 2020 - Sabel-X treated crop had the worst of the frost and yet still had a 9% yield increase. Prior to frost, trial agronomist reports; "It was clear Sabel-X treated crop was going to yield more". It had a larger canopy with bigger, more robust plants. In walking through the treatments, there was an obvious visual difference with more plant material, making it more difficult to walk through. There was potentially 0.5 tonne extra yield without frost, with the farmer planning to use Sabel-X across all future crops.



1st assessment - 4 weeks
Sabel-X improved root growth



2nd assessment - 9 weeks
Sabel-X improved root and crop growth



Confirmation Endophytic Trichoderma established inside the wheat root system

“
Sabel-X will be part of our program. Prior to frost it was obvious Sabel-X improved growth.”

Information & Advice

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