

CANOLA

Next generation Endophytic Trichoderma

Improve yield & vigour

Low input cost

Significant ROI

Apply as a dry
seed treatment

Compatible with
fungicide treated
seed

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



INDEPENDENT TRIAL RESULTS 2018/19

WA Trials

Hyden in crop rainfall 2018 - 198mm

The trial was deliberately nutrient stressed to test plant resilience. A late start, soft finish, & frost contributed to a low regional average.

Dumbleyung in crop rainfall 2019—195mm

Late start, dry finish - low regional average

Control Yields in both trials were consistent with regional averages for the season.

Rates: 60g per 25kg of seed

Return on Investment:

Cost

Approximately \$2 per kg seed

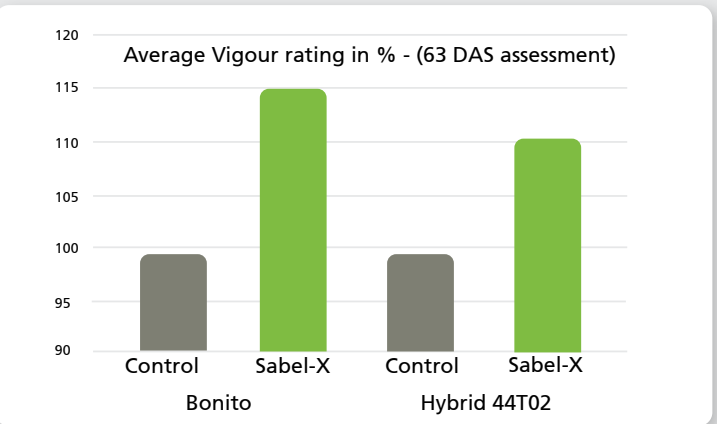
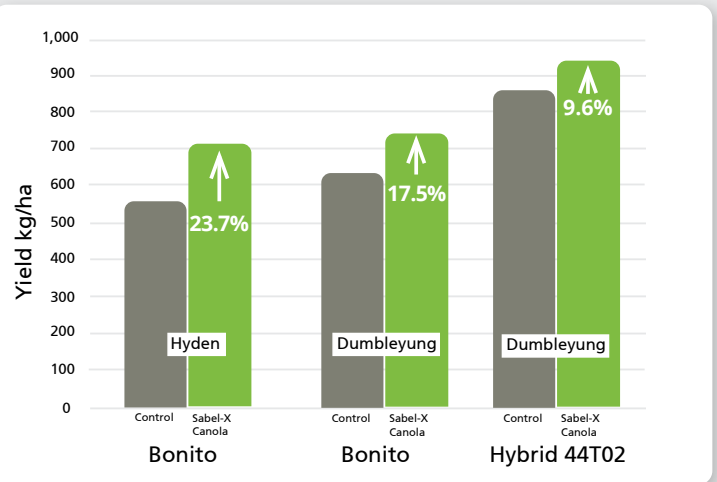
ROI

OP ROI Range: 7.1 - 14.6

TT (Hybrid) ROI: 6 times

ROI based on trial results

Canola price \$580/tonne



FARM SCALE CASE STUDY BORDERTOWN SA 2020

Bordertown SA - variety Hyola 575CL

Seeding rate: 3kg/ha

Rainfall: 340mm

Treatment area: 7-8 ha which is equivalent to 20kg Canola seed.

Historically the trial area productivity has been consistent with the rest of the paddock.

Return on Investment 39:1

Average yield Increase: 500kg/ha

Return: \$275/ha (assuming \$550/ha)

Treatment Cost: \$6.95/ha

December 2020 - Harvest Comments

Sabel-X treated crop:

- Noticeably thicker, self thatching, with a denser canopy and less lodging resulting in less wind damage
- Harvester had 1.5 passes before emptying the bin while the untreated section had 2 passes



Average yield - 1.5t/ha

Sabel-X treated yield - 2t/ha

Grower comment - "I wish I had treated the whole paddock with Sabel-X!"

4/02/21

Information & Advice

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