

UNLOCK YOUR CROP'S GENETIC POTENTIAL

Legumes

Improve yield with next generation
Endophytic Trichoderma

ONLY \$25/HA

SEED TREATMENT

1 APPLICATION ONLY

IMMEDIATE ACTION

SWITCHES ON GENE PATHWAYS

ROBUST MICROBE



What Endophytic Trichoderma do

Sabel-X Trichoderma quickly enter the plant and once inside, produce metabolites that influence the whole plant (by switching on gene pathways) resulting in a positive effect on:

Germination

Photosynthesis

Disease resistance

Yield & Quality

Growth and vigour

Root development

Stress resistance

Water utilisation

The process of switching on gene pathways is a dynamic process and changes depending on the conditions within the plant. New technologies track the "switching on" of these gene pathways.

Why Endophytic Trichoderma Work

Immediate response - inoculates seed within 16-48 hours and starts producing metabolites.

Lives between cells within the plant
- not affected by fungicides

Normally one application - live as long as plant

Weathers tough conditions - not impacted by soil biology, soil pH and other adverse soil conditions - free living Trichoderma live in the soil and are impacted by soil conditions

Micro-encapsulated for compatibility and robustness, even with phosphates and contact fungicides.

Unique - only 12 strains worldwide representing 1% of Trichoderma - 30+ years in the making!

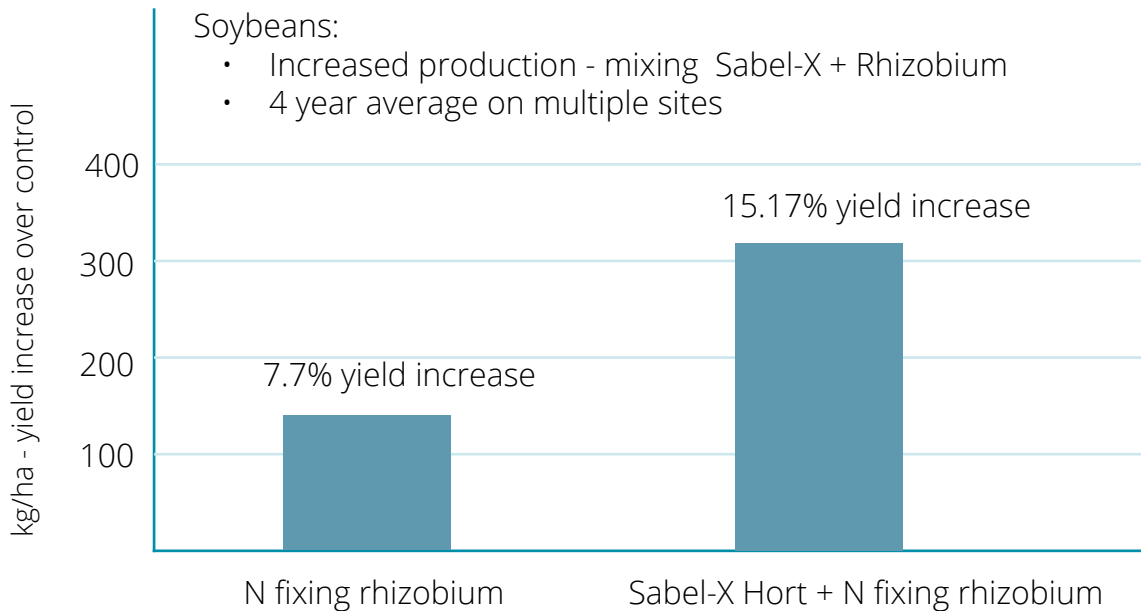
Endophytic Trichoderma | Live inside the plant, not in the soil

Harness the power of nature



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Synergistic effect of mixing Rhizobium and Sabel-X - Average yield advantage 15.2% (4 year average)



Trichoderma - 3 types

There are 3 very different types of Trichoderma with different functions:

Free Living - live in the general soil mass. They break down soil organic matter and help build soil health with long term benefits. They are subject to ph, waterlogging, heat etc and need regular applications.

- Fungicides kill them
- Require multiple applications

Rhizosphere Competent - live in the rhizosphere with strains selected to outcompete fungal pathogens and colonise the plant root system more aggressively.

- Fungicides kill them.
- Require multiple applications

Endophytic Trichoderma - immediately enter the plant and produce metabolites which then induce different plant responses depending on what the plant needs.

- Fungicides do not kill them because Sabel-X Trichoderma live between plant cells.
- One application because Sabel-X Trichoderma lives as long as plant does.

Soil Health Benefits of Sabel-X Endophytic Trichoderma:

Rhizosphere Impact - Even though Endophytic Trichoderma do not live in the rhizosphere, they produce metabolites to trigger responses in the rhizosphere.

They:

- Encourage beneficial fungi and bacteria
- Stimulate root exudates to feed soil microbes
- Accumulate organic matter

Application Rates

Seed Treatment: 30g/25kg seed.

Apply as a dry seed treatment prior to planting.

Information and Advice

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