

The AGTIV logo is rendered in a bold, blue, sans-serif font. A registered trademark symbol (®) is located at the bottom right of the letter 'V'. The logo is centered horizontally and positioned in the upper half of the image, set against a background of a cloudy sky.

AGTIV[®]

A dark blue rectangular bar with a slight 3D effect, containing the text 'FIELD CROPS GUIDE 2026' in white. The bar is positioned horizontally across the middle of the image, overlapping the field and sky.

FIELD CROPS GUIDE 2026



DESIGNED BY NATURE. PERFECTED BY SCIENCE.



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AGTIV®

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BENEFITS FOR FIELD CROPS

AGTIV REACH® creates the expansion of the root network by hyphae to reach further and uptake more nutrients and water, increasing resistance to stresses.

AGTIV REACH® ensures your plants are **stronger, healthier** and **more vigorous**.



EFFECTIVE ON FIELD CROPS

AGTIV[®]

DRY BEANS

Ontario (Canada)



Ontario (Canada)



FORAGES

Quebec (Canada)



Quebec (Canada)



Quebec (Canada)



Quebec (Canada)





FIELD & SPECIALTY CROPS

AGTIV REACH® P

F: Powder (peat)
 S: Case of 4 x 800 g (4 x 1.75 lb) pails
 C: Cereal, flax & dry bean: **32 ha (80 acres)** per case
 Alfalfa, mix forages & grass: **16 ha (40 acres)** per case
 Vegetables, berries & garlic: see page "Specialty Crops" for details.

AGTIV REACH® G

F: Granules (peat)
 S: 6 kg (13.2 lb) pail – 18.2 kg (40 lb) bag – 364 kg (800 lb) tote bag
 C: Cereal, flax & dry bean: Bag: **4 ha (10 acres)** – Tote bag: **80 ha (200 acres)**
 Alfalfa, mix forages & grass: Bag: **45 kg of seeds (99 lb)** – Tote bag: **720 kg of seeds (1584 lb)**
 Vegetables, herbs, berries & fruit trees: see page "Specialty Crops" for details.

AGTIV REACH® L

F: Liquid (spores in suspension)
 S: Case of 2 x 950 ml (2 x 32 fl. oz) bottles
 C: Cereal, flax & bean: **16 ha (40 acres)** per case

ACTIVE INGREDIENT(S)	APPLICATION MODE					FORMULATION
	ORGANIC	GRANULAR IN-FURROW	MIXING WITH SEEDS	LIQUID IN-FURROW	LIQUID ON SEED	
AGTIV REACH® P	M	✓	●			●●●●●
AGTIV REACH® G	M	✓	●			●●●
AGTIV REACH® L	M	✓		●		●



AGTIV REACH®

ON-FARM MIXING WITH SEEDS

AGTIV REACH® P



ACTIVE INGREDIENT:

M MYCORRHIZAE – PTB297 Technology
Rhizophagus irregularis: 8000 viable spores/g

COVERS
80
acres

INERT INGREDIENT:

Peat

PARTICLE SIZE: < 1 mm (18 mesh)

BULK DENSITY: 400 g/L (1 lb/US dry qt)

SIZE	COVERS	CODE
4 x 800 g (4 x 1.75 lb) – pails	Cereal, flax & dry bean: 32 ha (80 acres) Alfalfa, mix forages & grass: 16 ha (40 acres)	712324

DIRECTIONS FOR USE

Mix evenly with seeds at the bottom of the grain auger while filling drill, or directly in the drill box. Ensure uniform seed coverage is obtained.

Cereals, flax & dry beans: apply at 100 g/ha (40 g or 1.4 oz/acre).

Alfalfa, mix forages & grass: apply at 200 g/ha (80 g or 2.8 oz/acre).

GRANULAR IN-FURROW

AGTIV REACH® G



ACTIVE INGREDIENT:

M MYCORRHIZAE – PTB297 Technology
Rhizophagus irregularis: 178 viable spores/g

COVERS
10/200
acres

INERT INGREDIENT:

Peat

PARTICLE SIZE: 0.5 mm to 2.5 mm (8 - 30 mesh)

BULK DENSITY: 600 g/L (37.4 lb/ft³)

SIZE	COVERS	CODE
18.2 kg (40 lb) – bag	4 ha (10 acres)	712101
364 kg (800 lb) – tote bag	80 ha (200 acres)	712102

DIRECTIONS FOR USE

Apply in the seed row at a rate of 4.5 kg/ha (4 lb/acre).

LIQUID FOR IN-FURROW

AGTIV REACH® L



ACTIVE INGREDIENT:

M MYCORRHIZAE – PTB297 Technology
Rhizophagus irregularis: 6400 viable spores/g

COVERS
40
acres

INERT INGREDIENT:

Water

PARTICLE SIZE: < 0.2 mm (70 mesh)

Contains non-soluble particles

SIZE	COVERS (1 case)	CODE (case)
2 x 950 ml (2 x 32 fl. oz) – bottles	16 ha (40 acres)	712204

DIRECTIONS FOR USE

One 950 ml bottle covers 8 ha (20 acres). Dilute the product in the required volume of clean, non-chlorinated water, according to the product label. Shake the bottle well before use and maintain a constant agitation in the tank during application to avoid settling and clogging. Apply directly in the seed row.

LIQUID INJECTION — To apply using the AGTIV® Liquid Injection Kit, prepare the product mixture and adjust the Dosatron® injection rate following the application chart and video at PTAGTIV.COM/en/liquid-injection-kit. If the mixture does not contain pesticides or fertilizers, it can be emptied, refrigerated and used within 24 hours.

TANK MIX — Refer to PTAGTIV.COM/en/REACH-L for application details.



PROGRAM

AGTIV[®] LIQUID INJECTION KIT

AGTIV[®]

- The AGTIV[®] Liquid Injection Kit is designed to apply the AGTIV[®] liquid products.
- The kit must be installed on the existing in-furrow liquid system of the planter as shown in the application videos.
- The mycorrhizae must be injected directly in the furrow close to the seeds.
- **GOAL:** To facilitate the use and application of the AGTIV[®] with maximum accuracy and without affecting the mycorrhizae spores and in-furrow equipment.



YIELD INCREASE

AGTIV[®]



BARLEY



7.1 bu/ac
8.4%

AGTIV[®] REACH[™]
30 sites over 12 years,
Canada and Europe



DRY BEAN



258 lb/ac
9.0%

AGTIV[®] REACH[™]
16 sites over 11 years, North America



DURUM WHEAT



3.5 bu/ac
5.8%

AGTIV[®] REACH[™]
14 sites over 12 years, North America



FORAGES



514 lb/ac
16.0%

AGTIV[®] REACH[™] P
47 sites over 2 years, Canada



CLICK TILES FOR DETAILS

AGTIV REACH® COMPATIBILITY

Single action mycorrhizae products **REACH** into the soil and help uptake more nutrients and water.

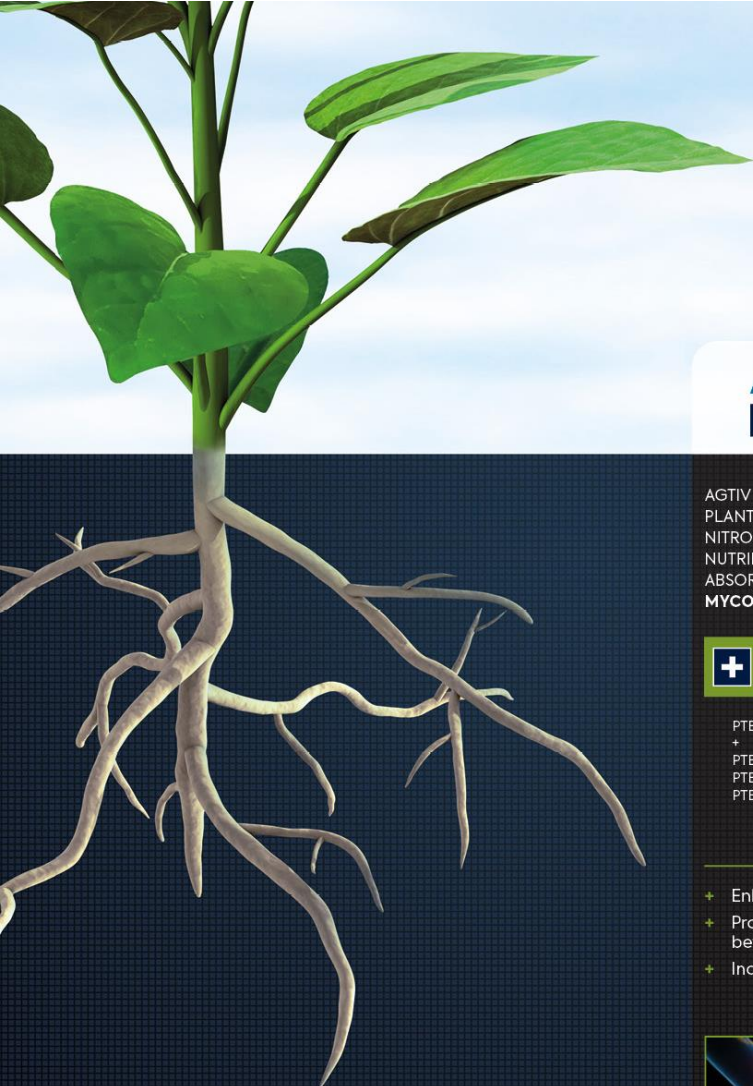
Mycorrhizae inoculant is compatible with most pesticides and liquid fertilizers.

CLICK BELOW FOR ALL DETAILS

PESTICIDES

**LIQUID
FERTILIZER
IN-FURROW**

**LIQUID
FERTILIZER
ON SEED**



AGTIV[®]

TECHNOLOGIES

MORE THAN
40
years
OF EXPERTISE IN
ACTIVE INGREDIENTS

AGTIV[®] THRIVE.

AGTIV THRIVE[®] POWERS PLANTS BY BOOSTING NITROGEN FIXATION, NUTRIENT AND WATER ABSORPTION THANKS TO **MYCORRHIZAE & RHIZOBIUM**

+ MYCORRHIZAE + RHIZOBIUM

PTB297 Technology + PTB160 (pea & lentil) PTB162 (soybean) PTB161 (chickpea)

- + Enhances P uptake
- + Provides more energy for better nitrogen fixation
- + Increases photosynthesis



AGTIV[®] ENRICH.

AGTIV ENRICH[®] STRENGTHENS LEGUME NITROGEN FIXATION AND PROVIDES A VIGOROUS ROOT SYSTEM THANKS TO **RHIZOBIUM & BACILLUS**

+ RHIZOBIUM + BACILLUS

PTB162 Technology + PTB180 Technology

- + Increases nodulation and nitrogen fixation
- + Improves rooting environment
- + Enhances plant vigor and productivity



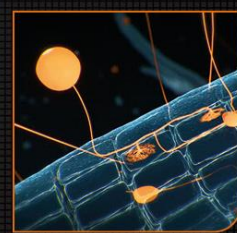
AGTIV[®] REACH.

AGTIV REACH[®] HELPS PLANTS REACH AND ABSORB MORE NUTRIENTS AND WATER THANKS TO **MYCORRHIZAE**

M MYCORRHIZAE

PTB297 Technology, *Rhizophagus irregularis* (formerly known as *Glomus intraradices*)

- + Expands root system
- + Enhances nutrient and water uptake
- + Promotes plant robustness and vigor



AGTIV[®] IGNITE.

AGTIV IGNITE[®] IMPROVES PHOTOSYNTHESIS AND MITIGATES IMPACT OF ENVIRONMENTAL STRESSES THANKS TO **SERENDIPITA**

S SERENDIPITA

PTB299 Technology, *Serendipita indica*

- + Mitigates abiotic stresses
- + Increases photosynthesis rate
- + Enhances plant establishment, growth and yield



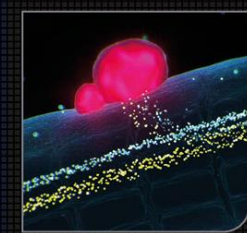
AGTIV[®] FUEL.

AGTIV FUEL[®] FEEDS LEGUMES BY FIXING ATMOSPHERIC NITROGEN THANKS TO **RHIZOBIUM**

R RHIZOBIUM

PTB160 Technology (pea & lentil) *Rhizobium leguminosarum biovar viciae* PTB162 Technology (soybean) *Bradyrhizobium japonicum* PTB161 Technology (chickpea) *Mesorhizobium ciceri*

- + Increases nodulation
- + Fixes nitrogen
- + Provides nutrients to pulses



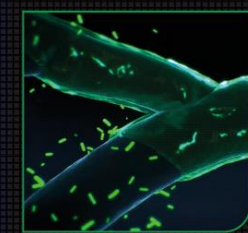
AGTIV[®] STIMULATE.

AGTIV STIMULATE[®] REINFORCES PLANTS WITH A HEALTHY ROOT ZONE THANKS TO **BACILLUS**

B BACILLUS

PTB180 Technology, *Bacillus pumilus* PTB185 Technology, *Bacillus inaquosorum*

- + Stimulates rooting environment
- + Improves plant establishment
- + Increases plant vigor and productivity



Learn more at

[PTAGTIV.COM/en/technologies](https://ptagtiv.com/en/technologies)

CLICK ON A PICTURE TO SEE THE TECHNOLOGY IN ACTION

Since entering the agriculture market 15 years ago, we are constantly widening our AGTIV® inoculant offering to suit and benefit more crops.

While staying true to the AGTIV® brand's three pillars:

NATURE, **SCIENCE** and **PERFORMANCE**, we are introducing new product names reflecting the actions of our inoculants for plants.

AGTIV® FUEL
Single action **rhizobium** products FUEL legumes by fixing nitrogen for better growth.

AGTIV® THRIVE
Dual action **mycorrhizae** and **rhizobium** products make plants THRIVE by increasing nutrient uptake.

AGTIV® ENRICH
Dual action **rhizobium** and **Bacillus** collaborate to ENRICH the plant's nitrogen fixation with a healthy root system.

AGTIV® STIMULATE
Single action **Bacillus** products STIMULATE the plant to grow more efficiently with a healthy root zone.

AGTIV® IGNITE
Single action **Serendipita** products IGNITE plant growth and chlorophyll content for better yields.

AGTIV® REACH
Single action **mycorrhizae** products REACH into the soil and help uptake more nutrients and water.

AGTIV®

**DESIGNED BY NATURE.
PERFECTED BY SCIENCE.**

Born from **nature** and perfected by **science**, AGTIV® is an innovative technology brand made of high-quality and proven natural active ingredients that deliver superior **performance** for agricultural producers.

Discover more at

PTAGTIV.COM/brand

ONLINE TOOLS



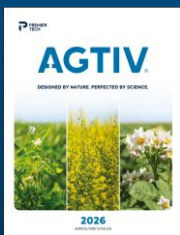
LABELS



EFFICACY REPORT



APPLICATION VIDEOS



BROCHURES



SOCIAL MEDIA

AND MUCH MORE

[Safety data sheets](#), [organic certificates](#)

