

# AGTIV<sup>®</sup>

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

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

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

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

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

**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](https://PTAGTIV.COM/brand)





AGTIV<sup>®</sup>

RELIABLE  
INOCULANTS

PEA, LENTIL & FABA BEAN

AGTIV <sup>®</sup> THRIVE <sup>™</sup> P PEA & LENTIL (previously named AGTIV <sup>®</sup> PULSES • Powder)						
F: Powder (peat) S: 4.7 kg (10.3 lb) pail – 2.4 kg (5.3 lb) pail C: Peas & faba beans: Pail 4.7 kg: <b>16 ha (40 acres)</b> – Pail 2.4 kg: <b>8 ha (20 acres)</b> Lentils: Pail 4.7 kg: <b>24 ha (60 acres)</b>	M R	✓	●			●●●●●●●●
AGTIV <sup>®</sup> THRIVE <sup>™</sup> G PEA & LENTIL (previously named AGTIV <sup>®</sup> PULSES • Granular)						
F: Granules (peat) S: 18.2 kg (40 lb) bag – 364 kg (800 lb) tote bag C: Peas, lentils & faba beans: Bag: <b>4 ha (10 acres)</b> – Tote bag: <b>80 ha (200 acres)</b>	M R	✓	●			●●●●●●●●
AGTIV <sup>®</sup> THRIVE <sup>™</sup> PEA & LENTIL (previously named AGTIV <sup>®</sup> COMBO • Liquid for PULSES)						
F: Liquid S: Combo box: 8 L (8 kg) bag-in-box + 4 x 950 ml (4 x 32 fl. oz) bottles C: Peas, lentils & faba beans: <b>32 ha (80 acres)</b>	M R	✓		●		●●●●●●●●
AGTIV <sup>®</sup> FUEL <sup>™</sup> P PEA & LENTIL (previously named AGTIV <sup>®</sup> ON SEED <sup>™</sup> RHIZO • Powder)						
F: Powder (peat) S: 4.7 kg (10.3 lb) pail C: Peas & faba beans: <b>16 ha (40 acres)</b> – Lentils: <b>24 ha (60 acres)</b>	R	✓	●			●●●●●●●●
AGTIV <sup>®</sup> FUEL <sup>™</sup> G PEA & LENTIL (previously named AGTIV <sup>®</sup> RHIZO • Granular for PULSES)						
F: Granules (peat) S: 18.2 kg (40 lb) bag – 364 kg (800 lb) tote bag C: Peas, lentils & faba beans: Bag: <b>4 ha (10 acres)</b> – Tote bag: <b>80 ha (200 acres)</b>	R	✓	●			●●●●●●●●
AGTIV <sup>®</sup> FUEL <sup>™</sup> L PEA & LENTIL ⚡ (previously named AGTIV <sup>®</sup> RHIZO • Liquid for PULSES)						
F: Liquid S: 8 L (8 kg) bag-in-box C: Peas, lentils & faba beans: <b>32 ha (80 acres)</b> or <b>6530 kg of seeds (240 bu)</b>	R	✓		●	●	●●●●●●●●

SOYBEAN

AGTIV <sup>®</sup> THRIVE <sup>™</sup> P SOYBEAN (previously named AGTIV <sup>®</sup> SOYBEAN • Powder)						
F: Powder (peat) S: 4.7 kg (10.3 lb) pail C: Soybean: <b>16 ha (40 acres)</b>	M R	✓	●			●●●●●●●●
AGTIV <sup>®</sup> THRIVE <sup>™</sup> G SOYBEAN (previously named AGTIV <sup>®</sup> SOYBEAN • Granular)						
F: Granules (peat) S: 18.2 kg (40 lb) bag – 364 kg (800 lb) tote bag C: Soybean: Bag: <b>4 ha (10 acres)</b> – Tote bag: <b>80 ha (200 acres)</b>	M R	*	●			●●●●●●●●
AGTIV <sup>®</sup> THRIVE <sup>™</sup> SOYBEAN (previously named AGTIV <sup>®</sup> COMBO • Liquid for SOYBEAN)						
F: Liquid S: Combo box: 8 L (8 kg) bag-in-box + 2 x 950 ml (2 x 32 fl. oz) bottles C: Soybean: <b>16 ha (40 acres)</b>	M R	✓		●		●●●●●●●●
AGTIV <sup>®</sup> FUEL <sup>™</sup> G SOYBEAN (previously named AGTIV <sup>®</sup> BRADY • Granular for SOYBEAN)						
F: Granules (peat) S: 18.2 kg (40 lb) bag – 364 kg (800 lb) tote bag C: Soybean: Bag: <b>4 ha (10 acres)</b> – Tote bag: <b>80 ha (200 acres)</b>	R	*	●			●●●●●●●●
AGTIV <sup>®</sup> FUEL <sup>™</sup> L SOYBEAN ⚡ (previously named AGTIV <sup>®</sup> BRADY • Liquid for SOYBEAN)						
F: Liquid S: 8 L (8 kg) bag-in-box C: Soybean: <b>16 ha (40 acres)</b> or <b>5680 kg of seeds (250 units)</b>	R	✓		●	●	●●●●●●●●
AGTIV <sup>®</sup> ENRICH <sup>™</sup> SOYBEAN ⚡ (previously named AGTIV <sup>®</sup> BB COMBO • Liquid for SOYBEAN)						
F: Liquid S: Combo box: 8 L (8 kg) ( <i>Bradyrhizobium</i> ) bag-in-box + 300 ml ( <i>Bacillus</i> ) bottle C: Soybean: <b>16 ha (40 acres)</b> or <b>5680 kg of seeds (250 units)</b>	R B	✓		●	●	●●●●●●●●

The newly named products will be on the market in 2023.

Learn more at  
PTAGTIV.COM/en/products



CANOLA  
& CEREAL

AGTIV <sup>®</sup> IGNITE <sup>™</sup> L (previously named AGTIV <sup>®</sup> IGNITE • L for Brassicaceae)						
F: Liquid S: 11 L (11 kg) bag-in-box C: Canola: <b>454 kg (1000 lb) or 81 ha (200 acres) of seeds</b> Cereals: <b>9165 kg (20 205 lb) or 81 ha (200 acres) of seeds</b>	S	*			●	●●●●●●●●

CHICKPEA

AGTIV <sup>®</sup> THRIVE <sup>™</sup> P CHICKPEA (previously named AGTIV <sup>®</sup> CHICKPEA • Powder)						
F: Powder (peat) S: 4.7 kg (10.3 lb) pail C: Chickpea: <b>16 ha (40 acres)</b>	M R	✓		●		●●●●●●●●
AGTIV <sup>®</sup> THRIVE <sup>™</sup> G CHICKPEA (previously named AGTIV <sup>®</sup> CHICKPEA • Granular)						
F: Granules (peat) S: 18.2 kg (40 lb) bag – 364 kg (800 lb) tote bag C: Chickpea: Bag: <b>4 ha (10 acres)</b> – Tote bag: <b>80 ha (200 acres)</b>	M R	✓	●			●●●●●●●●

FIELD & SPECIALTY CROPS

AGTIV <sup>®</sup> REACH <sup>™</sup> P (previously named AGTIV <sup>®</sup> FIELD CROPS – O • Powder, AGTIV <sup>®</sup> FIELD CROPS• Powder, AGTIV <sup>®</sup> FORAGES • Powder & AGTIV <sup>®</sup> SPECIALTY CROPS • Powder)						
F: Powder (peat) S: Case of 4 x 800 g (4 x 1.75 lb) pails C: Cereals, flax & dry beans: <b>32 ha (80 acres)</b> per case Alfalfa, mix forages & grass: <b>16 ha (40 acres)</b> per case Vegetables, berries & garlic: see page “Specialty Crops” for details.	M	✓		●		●●●●●●●●
AGTIV <sup>®</sup> REACH <sup>™</sup> G (previously named AGTIV <sup>®</sup> FIELD CROPS • Granular & AGTIV <sup>®</sup> SPECIALTY CROPS • Granular)						
F: Granules (peat) S: 6 kg (13.2 lb) pail – 18.2 kg (40 lb) bag – 364 kg (800 lb) tote bag C: Cereals, flax & dry beans: Bag: <b>4 ha (10 acres)</b> – Tote bag: <b>80 ha (200 acres)</b> Alfalfa, mix forages & grass: Bag: <b>45 kg of seeds (99 lb)</b> – Tote bag: <b>720 kg of seeds (1584 lb)</b> Vegetables, herbs, berries & fruit trees: see page “Specialty Crops” for details.	M	*	●			●●●●●●●●
AGTIV <sup>®</sup> REACH <sup>™</sup> L (previously named AGTIV <sup>®</sup> FIELD CROPS • Liquid)						
F: Liquid (spores in suspension) S: Case of 2 x 950 ml (2 x 32 fl. oz) bottles C: Cereals, flax & beans: <b>16 ha (40 acres)</b> per case	M	✓		●		●●●●●●●●

POTATO

AGTIV <sup>®</sup> REACH <sup>™</sup> L POTATO (previously named AGTIV <sup>®</sup> POTATO • Liquid)						
F: Liquid (spores in suspension) S: Case of 2 x 950 ml (2 x 32 fl. oz) bottles C: Potato: <b>8 ha (20 acres)</b> per case	M	✓		●	●	●●●●●●●●

See last page for complete product recommendations.

ACTIVE INGREDIENTS			LEGEND	
<b>M</b> MYCORRHIZAE PTB297 Technology	<b>B</b> BACILLUS PTB180 Technology	F: Formulation S: Size C: Crop/Coverage	⚡ Eligible with EXTENDER <sup>™</sup> L for AGTIV <sup>®</sup> inoculants ✓ For organic use * Non eligible for organic use. Contact us for more details.	
<b>R</b> RHIZOBIUM PTB160 Technology (pea & lentil) PTB162 Technology (soybean) <i>Mesorhizobium ciceri</i> (chickpea)	<b>S</b> SERENDIPITA PTB299 Technology			
FORMULATIONS				
			● Liquid	●● Granular
				●●● Powder







**10.1%** 2.7 bu/ac

Average yield increase  
64 sites over 11 years, Canada

**LENTILS**



**6.3%** 3.6 bu/ac

Average yield increase  
22 sites over 9 years, Canada

**PEAS**



**6.5%** 3.8 bu/ac

Average yield increase  
12 sites over 7 years, North America

**DURUM WHEAT**



**9%** 252 lb/ac

Average yield increase  
12 sites over 5 years, Canada

**DRY BEANS**



**7.7%** 3.4 bu/ac

Average yield increase  
87 sites over 7 years, Canada and Europe

**SOYBEAN**



**6.5%** 2.5 bu/ac

Average yield increase  
20 sites over 4 years, Canada

**CANOLA**



**10%** 31.6 cwt/ac

Average yield increase  
1172 sites over 11 years, North America and Europe

**POTATO**



**10.5%** 7.3 bu/ac

Average yield increase  
28 sites over 6 years, Canada and Europe

**BARLEY**





# PEA LENTIL & FABABEAN



## ON-FARM MIXING WITH SEEDS

### AGTIV® THRIVE™ P PEA & LENTIL



#### ACTIVE INGREDIENTS:

- M** MYCORRHIZAE – PTB297 Technology  
*Rhizophagus irregularis*: 2750 viable spores/g
- R** RHIZOBIUM – PTB160 Technology  
*Rhizobium leguminosarum* biovar *viciae*: 1.6 x 10<sup>9</sup> viable cells/g

INERT INGREDIENT: Peat

PARTICLE SIZE: < 1 mm (18 mesh)

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

SIZE	COVERS	CODE
4.7 kg (10.3 lb) – pail	Peas & faba beans: 16 ha (40 acres) Lentils: 24 ha (60 acres)	710303
2.4 kg (5.3 lb) – pail	Peas & faba beans: 8 ha (20 acres)	710313

#### DIRECTIONS FOR USE

**DRY APPLICATION** — 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. Peas & faba beans: apply at 300 g/ha (120 g or 4.2 oz/acre). Lentils: apply at 200 g/ha (80 g or 2.8 oz/acre).

**SLURRY APPLICATION** — Pour one 4.7 kg pail in a clean container. Gradually add 8-10 liters of clean, non-chlorinated water and stir well (for one 2.4 kg pail, add only 4 - 5 liters of water). Add more water if the slurry is too thick. Pour onto the seeds and mix thoroughly to ensure even coating.

## GRANULAR IN-FURROW

### AGTIV® THRIVE™ G PEA & LENTIL



#### ACTIVE INGREDIENTS:

- M** MYCORRHIZAE – PTB297 Technology  
*Rhizophagus irregularis*: 178 viable spores/g
- R** RHIZOBIUM – PTB160 Technology  
*Rhizobium leguminosarum* biovar *viciae*: 1.3 x 10<sup>8</sup> viable cells/g

INERT INGREDIENT: Peat

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

BULK DENSITY: 600 g/L (37.4 lb/ft<sup>3</sup>)

SIZE	COVERS	CODE
18.2 kg (40 lb) – bag	4 ha (10 acres)	710101
364 kg (800 lb) – tote bag	80 ha (200 acres)	710102

#### DIRECTIONS FOR USE

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

## COMBO LIQUID FOR IN-FURROW

### AGTIV® THRIVE™ PEA & LENTIL



#### ACTIVE INGREDIENTS:

- M** MYCORRHIZAE – PTB297 Technology  
*Rhizophagus irregularis*: 6400 viable spores/g in liquid suspension
- R** RHIZOBIUM – PTB160 Technology  
*Rhizobium leguminosarum* biovar *viciae*: 6 x 10<sup>9</sup> viable cells/g

INERT INGREDIENT: Water

PARTICLE SIZE: < 0.2 mm (70 mesh) – PTB297 Technology

< 0.1 mm (150 mesh) – PTB160 Technology

SIZE	COVERS	CODE
Combo box: 4 x 950 ml (4 x 32 fl. oz) – bottles 8 L (8 kg) – bag-in-box	32 ha (80 acres)	710214

#### DIRECTIONS FOR USE

This product should be applied using the AGTIV® Liquid Injection Kit. To apply, pour 4 x 950 ml bottles of Mycorrhizae and one 8 L bladder of Rhizobium in the tank and adjust the Dosatron® injection rate following the application chart and video at [PTAGTIV.COM/en/liquid-injection-kit](https://PTAGTIV.COM/en/liquid-injection-kit).

Apply directly in the seed row at a rate of 118.75 ml/ha (47.5 ml/acre) for Mycorrhizae and 250 ml/ha (100 ml/acre) for Rhizobium, for a total of 368.75 ml/ha (147.5 ml/acre). If the mixture does not contain pesticides or fertilizers, it can be emptied, refrigerated and used within 24 hours.

## ON-FARM MIXING WITH SEEDS

### AGTIV® FUEL™ P PEA & LENTIL



#### ACTIVE INGREDIENT:

- R** RHIZOBIUM – PTB160 Technology  
*Rhizobium leguminosarum* biovar *viciae*: 1.6 x 10<sup>9</sup> viable cells/g

INERT INGREDIENT: Peat

PARTICLE SIZE: < 1 mm (18 mesh)

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

SIZE	COVERS	CODE
4.7 kg (10.3 lb) – pail	Peas & faba beans: 16 ha (40 acres) Lentils: 24 ha (60 acres)	710403

#### DIRECTIONS FOR USE

**DRY APPLICATION** — 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. Peas & faba beans: apply at 300 g/ha (120 g or 4.2 oz/acre). Lentils: apply at 200 g/ha (80 g or 2.8 oz/acre).

**SLURRY APPLICATION** — Pour one 4.7 kg pail in a clean container. Gradually add 8 - 10 litres of clean, non-chlorinated water and stir well. Add more water if the slurry is too thick. Pour onto the seeds and mix thoroughly to ensure even coating.

## GRANULAR IN-FURROW

### AGTIV® FUEL™ G PEA & LENTIL



#### ACTIVE INGREDIENT:

- R** RHIZOBIUM – PTB160 Technology  
*Rhizobium leguminosarum* biovar *viciae*: 1.3 x 10<sup>8</sup> viable cells/g

INERT INGREDIENT: Peat

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

BULK DENSITY: 600 g/L (37.4 lb/ft<sup>3</sup>)

SIZE	COVERS	CODE
18.2 kg (40 lb) – bag	4 ha (10 acres)	710111
364 kg (800 lb) – tote bag	80 ha (200 acres)	710112

#### DIRECTIONS FOR USE

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

## LIQUID FOR IN-FURROW OR ON SEED

### AGTIV® FUEL™ L PEA & LENTIL



#### ACTIVE INGREDIENT:

- R** RHIZOBIUM – PTB160 Technology  
*Rhizobium leguminosarum* biovar *viciae*: 6 x 10<sup>9</sup> viable cells/g

PARTICLE SIZE: < 0.1 mm (150 mesh) Contains non-soluble particles

SIZE	COVERS	CODE
8 L (8 kg) – bag-in-box	In-furrow: 32 ha (80 acres) On seed: 6530 kg of seeds (240 bu)	710204

#### DIRECTIONS FOR USE

**LIQUID IN-FURROW** — Apply directly in the seed row at a rate of 250 ml/ha (100 ml/acre). This product should be applied using the AGTIV® Liquid Injection Kit. To apply, prepare the product mixture and adjust the Dosatron® injection rate following the application chart and video at [PTAGTIV.COM/en/liquid-injection-kit](https://PTAGTIV.COM/en/liquid-injection-kit).

**LIQUID ON SEED** — Shake well before use and apply directly to the seed. Apply 33 ml per 27 kg seeds, ensure full coverage. Optimum on-seed viability for 30 days when treated seeds are stored below 12°C (54°F).

✱ Use EXTENDER™ L for AGTIV® inoculants for longer shelf life.





ON-FARM MIXING WITH SEEDS

AGTIV® THRIVE™ P  
SOYBEAN



ACTIVE INGREDIENTS:

- M** MYCORRHIZAE – PTB297 Technology  
*Rhizophagus irregularis*: 2 750 viable spores/g
- R** RHIZOBIUM – PTB162 Technology  
*Bradyrhizobium japonicum*: 2.5 x 10<sup>9</sup> viable cells/g

INERT INGREDIENT: Peat

PARTICLE SIZE: < 1 mm (18 mesh)

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

SIZE	COVERS	CODE
4.7 kg (10.3 lb) – pail	16 ha (40 acres)	710703

DIRECTIONS FOR USE

**DRY APPLICATION** — 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. Apply at 300 g/ha (120 g or 4.2 oz/acre).

**SLURRY APPLICATION** — Pour one 4.7 kg pail in a clean container. Gradually add 8 - 10 litres of clean, non-chlorinated water and stir well. Add more water if the slurry is too thick. Pour onto the seeds and mix thoroughly to ensure even coating.

GRANULAR IN-FURROW

AGTIV® THRIVE™ G  
SOYBEAN



ACTIVE INGREDIENTS:

- M** MYCORRHIZAE – PTB297 Technology  
*Rhizophagus irregularis*: 178 viable spores/g
- R** RHIZOBIUM – PTB162 Technology  
*Bradyrhizobium japonicum*: 1.1 x 10<sup>8</sup> viable cells/g

INERT INGREDIENT: Peat

PARTICLE SIZE: 0.3 mm to 2 mm (10 - 50 mesh)

BULK DENSITY: 650 g/L (41 lb/ft<sup>3</sup>)

SIZE	COVERS	CODE
18.2 kg (40 lb) – bag	4 ha (10 acres)	710501
364 kg (800 lb) – tote bag	80 ha (200 acres)	710502

DIRECTIONS FOR USE

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

COMBO LIQUID FOR IN-FURROW

AGTIV® THRIVE™  
SOYBEAN



ACTIVE INGREDIENTS:

- M** MYCORRHIZAE – PTB297 Technology  
*Rhizophagus irregularis*: 6400 viable spores/g in liquid suspension
- R** RHIZOBIUM – PTB162 Technology  
*Bradyrhizobium japonicum*: 8 x 10<sup>8</sup> viable cells/g

INERT INGREDIENT: Water

PARTICLE SIZE: < 0.2 mm (70 mesh) – PTB297 Technology  
< 0.1 mm (150 mesh) – PTB162 Technology  
Contains non-soluble particles

SIZE	COVERS	CODE
Combo box: 2 x 950 ml (2 x 32 fl. oz) – bottles 8 L (8 kg) – bag-in-box	16 ha (40 acres)	710614

DIRECTIONS FOR USE

This product should be applied using the AGTIV® Liquid Injection Kit. To apply, pour 2 x 950 ml bottles of Mycorrhizae and one 8 L bladder of Rhizobium in the tank and adjust the Dosatron® injection rate following the application chart and video at PTAGTIV.COM/en/liquid-injection-kit.

Apply directly in the seed row at a rate of 118.75 ml/ha (47.5 ml/acre) for Mycorrhizae and 500 ml/ha (200 ml/acre) for Rhizobium, for a total of 618.75 ml/ha (247.5 ml/acre). If the mixture does not contain pesticides or fertilizers, it can be emptied, refrigerated and used within 24 hours.

GRANULAR IN-FURROW

AGTIV® FUEL™ G  
SOYBEAN



ACTIVE INGREDIENT:

- R** RHIZOBIUM – PTB162 Technology  
*Bradyrhizobium japonicum*: 1.9 x 10<sup>8</sup> viable cells/g

INERT INGREDIENT: Peat

PARTICLE SIZE: 0.3 mm to 2 mm (10 - 50 mesh)

BULK DENSITY: 650 g/L (41 lb/ft<sup>3</sup>)

SIZE	COVERS	CODE
18.2 kg (40 lb) – bag	4 ha (10 acres)	710511
364 kg (800 lb) – tote bag	80 ha (200 acres)	710512

DIRECTIONS FOR USE

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

LIQUID FOR IN-FURROW OR ON SEED

AGTIV® FUEL™ L  
SOYBEAN



ACTIVE INGREDIENT:

- R** RHIZOBIUM – PTB162 Technology  
*Bradyrhizobium japonicum*: 8 x 10<sup>9</sup> viable cells/g

PARTICLE SIZE: < 0.1 mm (150 mesh)

Contains non-soluble particles

SIZE	COVERS	CODE
8 L (8 kg) – bag-in-box	In-furrow: 16 ha (40 acres) On seed: 5680 kg of seeds (250 units)	710604

DIRECTIONS FOR USE

**LIQUID IN-FURROW** — Apply directly in the seed row at a rate of 500 ml/ha (200 ml/acre). This product should be applied using the AGTIV® Liquid Injection Kit. To apply, prepare the product mixture and adjust the Dosatron® injection rate following the application chart and video at PTAGTIV.COM/en/liquid-injection-kit.

**LIQUID ON SEED** — Shake well before use and apply directly to the seed. Apply 64 ml per 45.5 kg of seeds, ensure full coverage. Optimum on-seed viability for 30 days when treated seeds are stored below 12°C (54°F).

★ Use EXTENDER™ L for AGTIV® inoculants for longer shelf life.

COMBO LIQUID FOR IN-FURROW OR ON SEED

AGTIV® ENRICH™  
SOYBEAN



ACTIVE INGREDIENTS:

- B** BACILLUS – PTB180 Technology  
*Bacillus pumilus*: 3 x 10<sup>9</sup> viable spores/ml
- R** RHIZOBIUM – PTB162 Technology  
*Bradyrhizobium japonicum*: 8 x 10<sup>8</sup> viable cells/g

INERT INGREDIENT: Water

PARTICLE SIZE: < 0.1 mm (150 mesh)  
Contains non-soluble particles

SIZE	COVERS	CODE
Combo box: 8 L (8 kg) – bag-in-box 300 ml – bottle	In-furrow: 16 ha (40 acres) On seed: 5680 kg of seeds (250 units)	710814

DIRECTIONS FOR USE

**ON SEED:** Mix the bladder of *Bradyrhizobium* and the bottle of *Bacillus* in the application tank. *Bradyrhizobium*: A bladder of 8 liters can treat up to 5680 kg of soybean seeds. Apply at a rate of 64 ml/45.5 kg of seeds.

*Bacillus*: Apply at a rate of 2.4 ml/45.5 kg of soybean seeds. Total volume applied for the combo is 66.4 ml/45.5 kg of seeds. Agitate constantly during application to keep bacteria in suspension. Optimum on-seed viability for 30 days when treated seeds are stored below 12°C (54°F).

**IN-FURROW:** A bladder of 8 liters and a bottle of 300 ml covers 16 ha (40 acres). Apply inoculant in the furrow, directly on the seed, at a rate of 500 ml/ha (200 ml/acre) for the *Bradyrhizobium* and 18.75 ml/ha (7.5 ml/acre) for the *Bacillus*, to reach a total of 518.75 ml/ha (207.5 ml/acre). Dilute the inoculant in the required volume of clean, non-chlorinated water.

★ Use EXTENDER™ L for AGTIV® inoculants for longer shelf life.







LIQUID ON SEED

AGTIV® IGNITE™ L



ACTIVE INGREDIENT:

**S** SERENDIPITA – PTB299 Technology  
*Serendipita indica* (formerly known as *Piriformospora indica*)  
2 x10<sup>8</sup> viable spores/g in liquid suspension

INERT INGREDIENT: Water

PARTICLE SIZE: < 1 mm (18 mesh)

Contains non-soluble particles

SIZE	COVERS	CODE
11 L (11 kg) – bag-in-box	Canola: 454 kg of seeds (1000 lb) Cereals: 9165 kg of seeds (20 205 lb)	714114

DIRECTIONS FOR USE

Ensure the seed treating equipment has been properly cleaned and calibrated and that applicator's tank is clean. Remove any filters on the treating system that are smaller than 1 mm (18 mesh) to prevent clogging. Shake the 11 liters (bag-in-box) well and add it completely to the applicator's tank.

For canola and other Brassicaceae, one bladder of 11 liters can treat up to 454 kg (1000 lb) or 81 ha (200 acres) of seeds.

For wheat and other cereals, one bladder of 11 liters can treat up to 9165 kg (20 205 lb) or 81 ha (200 acres) of seeds. It is recommended to dilute in non-chlorinated water to reach a total volume of liquid to add between 12 to 20 ml/kg of seeds.

- Spray on seeds and ensure full coverage.
- Product must be stored below 12°C (54°F). Do not freeze product.

# CANOLA & CEREAL



## GET THE INFO YOU NEED AT PTAGTIV.COM

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Labels, SDS, organic certificates,  
application videos, charts and  
rate calculators

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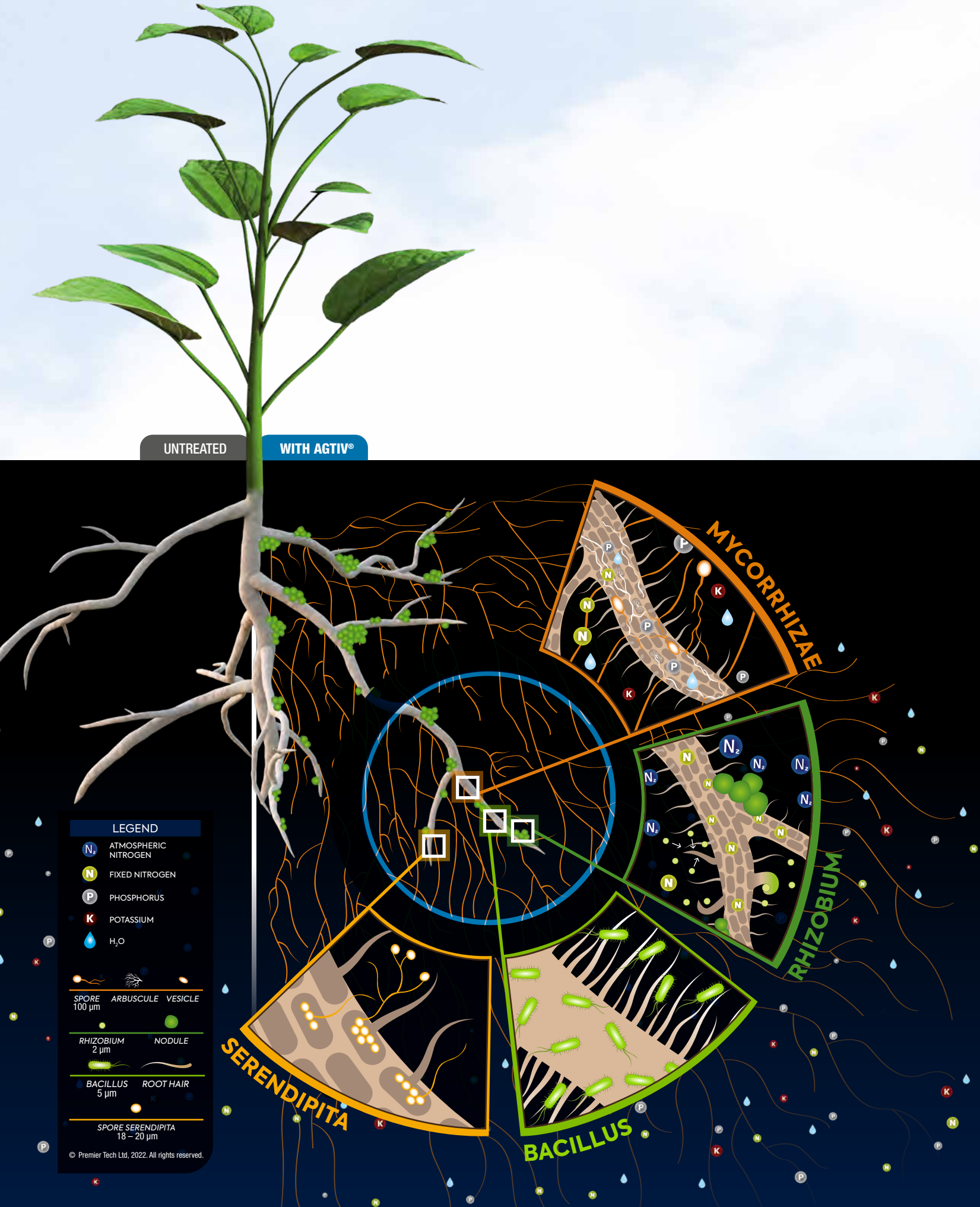


# AGTIV<sup>®</sup> BIOLOGICAL ACTIVE INGREDIENTS

For nearly 100 years, Premier Tech has been growing along with producers. Being a world leader in the industrial production of mycorrhizal inoculants has inspired us to go further in our search for natural technologies. Since then, we have introduced the benefits of *Bacillus*, rhizobium, and Serendipita to the agricultural market. Furthermore, we have combined these powerful technologies to improve the quality and the yield of crops for the benefit of our clients.

Learn more at 

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



**M**

## MYCORRHIZAE

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

**Mycorrhizae are beneficial associations between a mycorrhizal fungus and roots.** The mycorrhizal spores germinate in the soil and produce filaments (hyphae) which enter into root cells. This association allows the formation of an intra and extra-radical network of filaments that explore the soil and access more nutrients and water, and transfer them to the plant.

- ✓ EXPAND ROOT SYSTEM GROWTH
- ✓ ENHANCE NUTRIENT & WATER UPTAKE
- ✓ INCREASE TOLERANCE TO STRESSES
- ✓ IMPROVE SOIL STRUCTURE

**R**

## RHIZOBIUM

**PTB160** Technology (pulses), *Rhizobium leguminosarum* biovar *viciae*

**PTB162** Technology (soybean), *Bradyrhizobium japonicum*

*Mesorhizobium ciceri* (chickpea)

**Rhizobium bacteria live and thrive in symbiosis in root nodules produced by the plant.** They are responsible for fixing the atmospheric nitrogen and making it available for the plant.

- ✓ FIX NITROGEN & MAKE IT AVAILABLE TO THE PLANT

**B**

## BACILLUS

**PTB180** Technology, *Bacillus pumilus*

**Bacillus is a bacteria that provides a healthy root zone which leads to better yields. As a root colonizer, it stimulates the plant to grow more efficiently.** Selected for its beneficial action of growth stimulation.

- ✓ IMPROVES ROOTING ENVIRONMENT & PLANT ESTABLISHMENT
- ✓ INCREASES PLANT VIGOR & PERFORMANCE

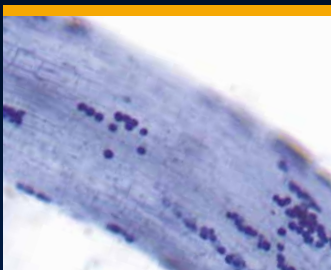
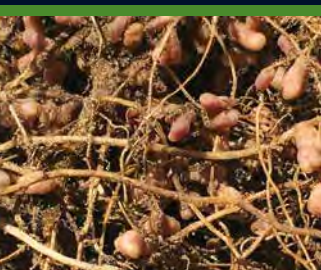
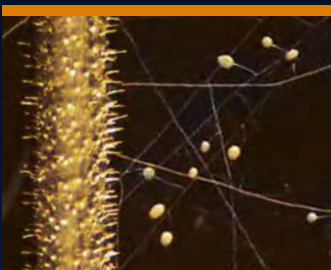
**S**

## SERENDIPITA

**PTB299** Technology, *Serendipita indica* (formerly known as *Piriformospora indica*)

**The beneficial fungus *Serendipita indica*, a natural microorganism, forms an association with roots of many plants such as canola and cereals. It induces some of the plant gene expression and promotes phytohormone production.**

- ✓ MITIGATES ABIOTIC STRESSES
- ✓ INCREASES CHLOROPHYLL CONTENT
- ✓ BETTER PLANT ESTABLISHMENT, GROWTH AND YIELD







# CHICKPEA



## ON-FARM MIXING WITH SEEDS

### AGTIV® THRIVE™ P CHICKPEA



ACTIVE INGREDIENTS:

**M** MYCORRHIZAE – PTB297 Technology  
*Rhizophagus irregularis*: 2750 viable spores/g

**R** RHIZOBIUM  
*Mesorhizobium ciceri*: 7.0 x 10<sup>8</sup> viable cells/g

INERT INGREDIENT: Peat

PARTICLE SIZE: < 1 mm (18 mesh)

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

SIZE	COVERS	CODE
4.7 kg (10.3 lb) – pail	16 ha (40 acres)	713103

#### DIRECTIONS FOR USE

**DRY APPLICATION** — 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. Apply at 300 g/ha (120 g or 4.2 oz/acre).

**SLURRY APPLICATION** — Pour one 4.7 kg pail in a clean container. Gradually add 8 - 10 litres of clean, non-chlorinated water and stir well. Add more water if the slurry is too thick. Pour onto the seeds and mix thoroughly to ensure even coating.

## GRANULAR IN-FURROW

### AGTIV® THRIVE™ G CHICKPEA



ACTIVE INGREDIENTS:

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

**R** RHIZOBIUM  
*Mesorhizobium ciceri*: 1.6 x 10<sup>8</sup> viable cells/g

INERT INGREDIENT: Peat

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

BULK DENSITY: 600 g/L (37.4 lb/ft<sup>3</sup>)

SIZE	COVERS	CODE
18.2 kg (40 lb) – bag	4 ha (10 acres)	712901
364 kg (800 lb) – tote bag	80 ha (200 acres)	712902

#### DIRECTIONS FOR USE

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







ON-FARM MIXING WITH SEEDS

AGTIV® REACH™ P



ACTIVE INGREDIENT:

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

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	Cereals, flax & dry beans: 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).

Refer to the list of compatible pesticides at [PTAGTIV.COM/en/compatibility](https://www.ptagtiv.com/en/compatibility).

GRANULAR IN-FURROW

AGTIV® REACH™ G



ACTIVE INGREDIENT:

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

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

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 on 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](https://www.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](https://www.ptagtiv.com/en/REACH-L) for application details.

FIELD CROPS







GRANULAR

AGTIV® REACH™ G



ACTIVE INGREDIENT:

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

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	CODE
6 kg (13.2 lb) – pail	712103

DIRECTIONS FOR USE

**IN-FURROW:** Apply directly in-furrow at a rate of 40 g (1/4 cup) per 100 m row length (0,26 lb/1000 ft).

**INCORPORATION INTO GROWING MEDIA:** Mix thoroughly into the growing media before filling the trays.

Quantity of AGTIV® to use per volume of growing media		
Cell or container volume	Qty of product to add/m³ of media	Qty of product to add/yd³ of media
40-200 ml	3.4 kg (5.6 L)	5.7 lb (18 cups)
200-500 ml	2.2 kg (3.7 L)	3.8 lb (12 cups)
500 ml-1500 ml	1.1 kg (1.9 L)	1.9 lb (6 cups)
1500 ml or more	0.8 kg (1.4 L)	1.4 lb (4.5 cups)

**TRANSPLANTING:** Apply the product at the bottom and on the sides of the planting hole. Product must be in direct contact with roots.

BERRIES	FRUIT TREES
1.7 g (1 tsp)	8 g (1 Tbsp)

ON-FARM MIXING WITH SEEDS

AGTIV® REACH™ P



ACTIVE INGREDIENT:

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

INERT INGREDIENT: Peat

PARTICLE SIZE: < 1 mm (18 mesh)

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

SIZE	CODE
4 x 800 g (4 x 1.75 lb) – pails	712324

DIRECTIONS FOR USE

TRANSPLANTING

**VEGETABLE TRANSPLANTS OR BARE-ROOT BERRIES** — Right before planting, coat the root plugs or the bare roots with the product. A 800 g pail of product can treat up to 117 000 transplants or 21 300 bare roots (according to plant size).

**ASPARAGUS** — Right before planting, coat the bottom of the crown with the product. The recommended quantity is 38 g (80 ml) for 1 000 crowns.

INCORPORATION INTO GROWING MEDIA

Mix the quantity of product into the growing media. For application chart, visit [PTAGTIV.COM/en/REACH-P](https://PTAGTIV.COM/en/REACH-P). For a better homogeneity, it is preferable to premix the recommended quantity of product to a part of the growing media (or one of the dry ingredient used in its composition). For application onto tray surface, contact your local representative for application details depending on your practices.

MIXING WITH SEEDS

At planting time, mix evenly with seeds ([Table 1](#)). Ensure uniform seed coverage is obtained. The product formulation may “bulk up” seeds. It is important to calibrate the planter to ensure correct planting rate is attained. Avoid using AGTIV® with wet equipment. When seeding, ensure full seed-soil contact to minimize any desiccation of the inoculant.

Table 1 – Quantity of AGTIV® to use per 1 000 seeds			
Type of seed	g	oz	ml
Nantes carrot	0.34	0.012	0.7
Market carrot	0.33	0.012	0.7
Spanish onion	0.56	0.020	1.2
Yellow onion	0.41	0.015	0.9
Lettuce	0.42	0.015	0.9
Pea/bean	0.38	0.013	0.8
Cucumber	1.98	0.070	4.2
Squash/pumpkin	4.95	0.170	10.4
Garlic	37.5	1.320	78.9

1 cup equals 240 ml (96 g) of product.

SPECIALTY CROPS



TREATED SEEDS

AGTIV® REACH™  
AGTIV® STIMULATE™



ACTIVE INGREDIENTS:

**M** MYCORRHIZAE – PTB297 Technology  
*Rhizophagus irregularis*: 6 400 viable spores/g

**B** BACILLUS – PTB180 Technology  
*Bacillus pumilus*: 3 x 10⁹ viable spores/ml

**Ask for AGTIV® REACH™ (Mycorrhizae) & AGTIV® STIMULATE™ (Bacillus) combined on your treated seeds**

AGTIV® inoculants are specially designed seed applied technologies integrating biological active ingredients to promote healthy emergence and greater seedling vigor that increases: UNIFORMITY • YIELD • QUALITY.

With the AGTIV® proven technologies, you have access to certified inoculants backed by a close partnership with seed treaters for technology integration, compatibility with other inputs and quality control.

Validate with your representative which active ingredients are currently available for your specialty crops.

The following plant families cannot be colonized (no effect on plant) by the mycorrhizal fungi contained in AGTIV®: *Brassicaceae* (broccoli, cabbages, cauliflower, radish, rutabaga, watercress), *Chenopodiaceae* (beets, spinach), *Ericaceae* (blueberries, cranberries).





AGTIV® REACH™ L POTATO



ACTIVE INGREDIENT:

**M** MYCORRHIZAE – PTB297 Technology  
*Rhizophagus irregularis*: 10 500 viable spores/g in liquid suspension  
(315 000 viable spores/fl. oz)

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	8 ha (20 acres)	711004

IN-FURROW APPLICATION

DIRECTIONS FOR USE

Dilute the product in the required volume of clean, non-chlorinated water. Refer to the application charts available at [PTAGTIV.COM/en/potato](https://PTAGTIV.COM/en/potato). **Shake the bottle well before use and maintain a constant agitation in the tank during application to avoid settling and clogging.** Apply directly on seed pieces into furrow.

See recommendations below based on the application mode:

LIQUID INJECTION:

The AGTIV® Liquid Injection Kit, integrating a Dosatron® pump, is a customized equipment designed for the precise application of AGTIV® liquid products. Easy to install on your existing in-furrow application system, it operates off the main solution flow.

- Ensure the tank and the liquid injection system are clean and free of chemical residues, and agitation system is operational.
- On the planter, remove all cylinder screens by the nozzles or use filters with openings of at least 50 mesh (0.28 mm).
- Prepare your product mixture and adjust the Dosatron® injection rate following the calculation chart and application video at [PTAGTIV.COM/en/liquid-injection-kit](https://PTAGTIV.COM/en/liquid-injection-kit).
- Spray band width should be limited to 7 in (18 cm) or less.
- If the mixture does not contain pesticides or fertilizers, it can be emptied, refrigerated and used within 24 hours.

TANK MIX

- Use filters with openings of at least 50 mesh (0.28 mm).
- Use a diaphragm (or peristaltic) pump for product application.
- Up and down agitation at all times in the tank.
- Spray band width should be limited to 7 in (18 cm) or less.
- Apply within 6 hours after mixing into the liquid tank.
- See the application video at [PTAGTIV.COM/en/potato](https://PTAGTIV.COM/en/potato).

SEED-PIECE TREATMENT

DIRECTIONS FOR USE

In a clean tank, pour the content of **one** 950 ml (32 fl. oz) bottle in the volume of liquid required to treat the amount of seed pieces for 4 hectares (10 acres) of seedbed (110 000 – 170 000 seed pieces). **Shake the bottle well before use and maintain a constant agitation in the tank during application to avoid settling and clogging.** Apply directly on seed pieces. Do not treat seed pieces more than 48 hours before seeding (could activate seed-piece sprouting).

See recommendations below based on the application mode:

MILESTONE TREATER:

- Validate that the atomizing head and the mixing paddles correspond to the approved specifications.  
Visit [PTAGTIV.COM/en/equipment](https://PTAGTIV.COM/en/equipment) for more details or contact your representative.

OTHER MODELS:

- Validate that the atomizing head and the mixing paddles correspond to the approved specifications (ask your representative for more info).
- Use filters with openings of at least 50 mesh (0.28 mm).
- Use a diaphragm (or peristaltic) pump for product application.
- Up and down agitation at all times in the tank.

POTATO





# CELEBRATING DECADES OF INNOVATION AND VALUE

NEARLY

**40**  
*years*  
OF EXPERTISE  
IN ACTIVE  
INGREDIENTS

Established manufacturer and marketer, Premier Tech builds on innovation and collaboration with local partners and growers to offer reliable high-quality inoculants. Every day, in our labs, facilities, and in the field, highly experienced scientists, engineers, and specialists from various domains collaborate to maximize the outcomes of research and turn them into effective products making a difference on your bottom line.

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



## PRODUCTION

In 2000, Premier Tech set up a world-first endomycorrhizal inoculum plant, developing a new mycoreactor process for industrial scale production. Backed by nearly 40 years of expertise in active ingredients, Premier Tech constantly develops and innovates in terms of production of MYCORRHIZAE, RHIZOBIUM, BACILLUS, SERENDIPITA and other active ingredients:

- ✓ No contamination through a strictly controlled and aseptic environment
- ✓ Large-scale manufacturing production
- ✓ Adapted quality control for each step of the production processes, ensuring consistent high-quality inoculum



## FORMULATION

Premier Tech's know-how makes it possible to adapt formulations with multiple active ingredients, concentrations and carriers tailored to different crops and application methods. Because a quality inoculant makes all the difference, our proven formulations are based on these important elements:

- ✓ Carriers compatible with the active ingredients
- ✓ Formulations that guarantee active ingredient viability until use
- ✓ Quality control at several key points ensuring the performance of active ingredients
- ✓ Various formulations tailored for organic production



## APPLICATION

Caring about our clients' crop performance, each recommendation for product use takes into consideration validation by our field experts and by farmers themselves, which ensures:

- ✓ Effective application rates, at the right time and place, with the right inoculant
- ✓ Products adapted to growers' equipment
- ✓ Easy integration into farming practices
- ✓ Validation of compatibility with other agricultural inputs



## SERVICE

The AGTIV® experience combines highly effective value-added products and the access to a team of field experts dedicated to supporting your growth. From our management and research teams to our field specialists, our multidisciplinary team is listening to growers' needs to continuously improve our products and level of service:

- ✓ Technical support for product application, equipment compatibility and field demonstration
- ✓ Proud promoter of science education and knowledge sharing
- ✓ Partnership with agriculture retailers throughout Canada, the United States and Europe



AGTIV®

NEW PRODUCT NAMES

CROPS	PREVIOUS NAME	NEW PRODUCT NAME
PEA, LENTIL AND FABA BEAN	AGTIV® PULSES • Powder	AGTIV® THRIVE™ P PEA & LENTIL
	AGTIV® SPECIALTY CROPS – PEA • Powder	
	AGTIV® PULSES • Granular	AGTIV® THRIVE™ G PEA & LENTIL
	AGTIV® ON SEED™ RHIZO • Powder	AGTIV® FUEL™ P PEA & LENTIL
	AGTIV® RHIZO • Granular	AGTIV® FUEL™ G PEA & LENTIL
	AGTIV® RHIZO • Liquid for PULSES	AGTIV® FUEL™ L PEA & LENTIL
CHICKPEA	COMBO AGTIV® Liquid for PULSES	AGTIV® THRIVE™ PEA & LENTIL
	AGTIV® CHICKPEA • Powder	AGTIV® THRIVE™ P CHICKPEA
	AGTIV® CHICKPEA • Granular	AGTIV® THRIVE™ G CHICKPEA

CROPS	PREVIOUS NAME	NEW PRODUCT NAME
SOYBEAN	AGTIV® SOYBEAN • Powder	AGTIV® THRIVE™ P SOYBEAN
	AGTIV® SOYBEAN • Granular	AGTIV® THRIVE™ G SOYBEAN
	AGTIV® BRADY • Granular	AGTIV® FUEL™ G SOYBEAN
	AGTIV® BRADY • Liquid for SOYBEAN	AGTIV® FUEL™ L SOYBEAN
	AGTIV® BB COMBO • Liquid	AGTIV® ENRICH™ SOYBEAN
	COMBO AGTIV® Liquid for SOYBEAN	AGTIV® THRIVE™ SOYBEAN
CANOLA & CEREAL	AGTIV® IGNITE™ • Liquid	AGTIV® IGNITE™ L
FIELD & SPECIALTY CROPS	AGTIV® FIELD CROPS – O • Powder	AGTIV® REACH™ P
	AGTIV® FIELD CROPS • Powder	
	AGTIV® FORAGES • Powder	
	AGTIV® SPECIALTY CROPS • Powder	AGTIV® REACH™ G
POTATO	AGTIV® FIELD CROPS • Granular	
	AGTIV® SPECIALTY CROPS • Granular	AGTIV® REACH™ L
	AGTIV® FIELD CROPS • Liquid	
POTATO	AGTIV® POTATO • Liquid	AGTIV® REACH™ L POTATO

Learn more at

PTAGTIV.COM/en/brand

RECOMMENDATIONS CHART	CROPS																			
	SOYBEAN							PEA, LENTIL AND FABA BEAN						CANOLA & CEREAL	POTATO	FIELD & SPECIALTY CROPS			CHICKPEA	
	AGTIV® THRIVE™ P SOYBEAN	AGTIV® THRIVE™ G SOYBEAN	AGTIV® THRIVE™ SOYBEAN	AGTIV® FUEL™ G SOYBEAN	AGTIV® FUEL™ L SOYBEAN	AGTIV® ENRICH™ SOYBEAN		AGTIV® THRIVE™ P PEA & LENTIL	AGTIV® THRIVE™ G PEA & LENTIL	AGTIV® THRIVE™ PEA & LENTIL	AGTIV® FUEL™ G PEA & LENTIL	AGTIV® FUEL™ L PEA & LENTIL	AGTIV® FUEL™ P PEA & LENTIL	AGTIV® IGNITE™ L	AGTIV® REACH™ L POTATO	AGTIV® REACH™ P	AGTIV® REACH™ G	AGTIV® REACH™ L	AGTIV® THRIVE™ P CHICKPEA	AGTIV® THRIVE™ G CHICKPEA
Use <b>EXTENDER™ L</b> for AGTIV® inoculants for longer shelf life																				
APPLICATION					*	*						*								
After coating, seed within	8h		30 days		30 days	30 days		8h		30 days		30 days	30 days	180 days	48h	8h			8h	
Apply within 6 hours after mixing into the tank			•		•	•				•		•		•	•			•		
Avoid using the product with wet equipment	•	•		•				•	•		•		•			•	•		•	•
Ensure full seed-soil contact when seeding	•							•					•			•			•	
To avoid flow problems, do not fill tank or seed cart completely		•		•					•		•						•			•
Ensure the tank and the liquid application system are clean and free of chemical residues			•		•	•				•		•		•	•			•		
Shake well before use and during the application			•		•	•				•		•		•	•			•		
Use diaphragm pump for product application (or peristaltic pump)															•			•		
Ensure the temperature of the diluted tank mix doesn't exceed			22°C (72°F)		22°C (72°F)	22°C (72°F)				22°C (72°F)		22°C (72°F)		22°C (72°F)	22°C (72°F)			22°C (72°F)		
CALIBRATION																				
Calibrate the application system to deliver the correct amount of product	•	•	•	•	•	•		•	•	•	•	•	•	•		•	•		•	•
Band width should be limited to 7 in (18 cm) or less															•			•		
On the planter or seeder, make sure to remove all cylinder screens by the orifices or use filters with openings of at least 50 mesh (0.28 mm)															•			•		
COMPATIBILITY																				
Do not mix with fertilizers	•	•	•	•	•	•		•	•	•	•			•		•	•		•	•
Refer to the list of compatible pesticides at PTAGTIV.com/en/compatibility	•		•		•	•		•		•		•	•	•	•	•		•	•	•
Refer to the list of compatible liquid fertilizers at PTAGTIV.com/en/compatibility			•		•	•				•		•			•			•		
STORAGE																				
Product must be refrigerated at															2-8°C (36-46°F)			2-8°C (36-46°F)		
Do not freeze or expose to temperatures above	25°C (77°F)	25°C (77°F)	20°C (68°F)	25°C (77°F)	20°C (68°F)	20°C (68°F)		25°C (77°F)	25°C (77°F)	20°C (68°F)	25°C (77°F)	20°C (68°F)	25°C (77°F)	12°C (54°F)	2-8°C (36-46°F)	35°C (95°F)	35°C (95°F)	2-8°C (36-46°F)	25°C (77°F)	25°C (77°F)
Store the product at constant temperature	•	•		•				•	•		•		•	•	•	•	•	•	•	•
If the mixture does not contain pesticides or fertilizers, it can be emptied, refrigerated and used within 24 hours															•			•		





## PEOPLE AND TECHNOLOGIES MAKING A DIFFERENCE

Making a difference, this is what we are all about at Premier Tech. One team driven by a shared passion to deliver solutions that will better the lives of people, businesses and communities. At Premier Tech, People and Technologies connect in lasting, transformative ways, giving life to products and services that help feed, protect and improve our world. We are committed to creating sustainable solutions that help bring beautiful gardens to life, increase crop yields, improve the efficiency of manufacturing facilities, treat and recycle water, and much more as we keep innovating.



PT Growers and Consumers  
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G5R 6C1 CANADA



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