PREMIER TECH

AGTIV®

DESIGNED BY NATURE. PERFECTED BY SCIENCE.

2025

AGRICULTURE CATALOG

AGTIV® RELIABLE INOCULANTS

		ACTIVE INGREDIENT(S)	ORGANIC	APPLICATION MODE: GRANULAR IN-FURROW	APPLICATION MODE: MIXING WITH SEEDS	APPLICATION MODE: LIQUID IN-FURROW	APPLICATION MODE: LIQUID ON SEED	FORMULATION
PEA, LENTIL & FABA BEAN	**AGTIV® THRIVE™ P** PEA & LENTIL **F:** Powder (peat) **S:** 4.7 kg (10.3 lb) pail – 2.4 kg (5.3 lb) pail **C:** Pea & faba bean: Pail 4.7 kg: **16 ha (40 acres)** – Pail 2.4 kg: **8 ha (20 acres)** Lentil: Pail 4.7 kg: **24 ha (60 acres)**	M R	✓		●			Powder
	AGTIV® THRIVE™ G PEA & LENTIL **F:** Granules (peat) **S:** 18.2 kg (40 lb) bag – 364 kg (800 lb) tote bag **C:** Pea, lentil & faba bean: Bag: **4 ha (10 acres)** – Tote bag: **80 ha (200 acres)**	M R	✓	●				Granular
	AGTIV® THRIVE™ PEA & LENTIL **F:** Liquid **S:** Combo box: 8 L (8 kg) bag-in-box + 4 x 950 ml (4 x 32 fl. oz) bottles **C:** Pea, lentil & faba bean: **32 ha (80 acres)**	M R	✓			●		Liquid
	AGTIV® FUEL™ P PEA & LENTIL **F:** Powder (peat) **S:** 4.7 kg (10.3 lb) pail **C:** Pea & faba bean: **16 ha (40 acres)** Lentil: **24 ha (60 acres)**	R	✓		●			Powder
	AGTIV® FUEL™ G PEA & LENTIL **F:** Granules (peat) **S:** 18.2 kg (40 lb) bag – 364 kg (800 lb) tote bag **C:** Pea, lentil & faba bean: Bag: **4 ha (10 acres)** – Tote bag: **80 ha (200 acres)**	R	✓	●				Granular
	AGTIV® FUEL™ L PEA & LENTIL ✪ **F:** Liquid **S:** 8 L (8 kg) bag-in-box **C:** Pea, lentil & faba bean: **32 ha (80 acres)** or **6530 kg of seeds (240 bu)**	R	✓			●	●	Liquid
SOYBEAN	**AGTIV® THRIVE™ P** SOYBEAN **F:** Powder (peat) **S:** 4.7 kg (10.3 lb) pail **C:** Soybean: **16 ha (40 acres)**	M R	✓		●			Powder
	AGTIV® THRIVE™ G SOYBEAN **F:** Granules (peat) **S:** 18.2 kg (40 lb) bag – 364 kg (800 lb) tote bag **C:** Soybean: Bag: **4 ha (10 acres)** – Tote bag: **80 ha (200 acres)**	M R	*	●				Granular
	AGTIV® THRIVE™ 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: **16 ha (40 acres)**	M R	✓			●		Liquid
	AGTIV® FUEL™ G SOYBEAN **F:** Granules (peat) **S:** 18.2 kg (40 lb) bag – 364 kg (800 lb) tote bag **C:** Soybean: Bag: **4 ha (10 acres)** – Tote bag: **80 ha (200 acres)**	R	*	●				Granular
	AGTIV® FUEL™ L SOYBEAN ✪ **F:** Liquid **S:** 8 L (8 kg) bag-in-box **C:** Soybean: **16 ha (40 acres)** or **5680 kg of seeds (250 units)**	R	✓			●	●	Liquid
	AGTIV® ENRICH™ SOYBEAN ✪ **F:** Liquid **S:** Combo box: 8 L (8 kg) (*Bradyrhizobium*) bag-in-box + 300 ml (*Bacillus*) bottle **C:** Soybean: **16 ha (40 acres)** or **5680 kg of seeds (250 units)**	R B	✓			●	●	Liquid

		ACTIVE INGREDIENT(S)	ORGANIC	APPLICATION MODE: GRANULAR IN-FURROW	APPLICATION MODE: MIXING WITH SEEDS	APPLICATION MODE: LIQUID IN-FURROW	APPLICATION MODE: LIQUID ON SEED	FORMULATION
CANOLA & CEREAL	**AGTIV® IGNITE™ L** **F:** Liquid **S:** 11 L (11 kg) bag-in-box **C:** Canola: **454 kg (1000 lb) or 81 ha (200 acres) of seeds** Cereal: **9165 kg (20 205 lb) or 81 ha (200 acres) of seeds**	S	*				●	Liquid
CHICKPEA	**AGTIV® THRIVE™ P** CHICKPEA **F:** Powder (peat) **S:** 4.7 kg (10.3 lb) pail **C:** Chickpea: **16 ha (40 acres)**	M R	✓		●			Powder
	AGTIV® THRIVE™ G CHICKPEA **F:** Granules (peat) **S:** 18.2 kg (40 lb) bag – 364 kg (800 lb) tote bag **C:** Chickpea: Bag: **4 ha (10 acres)** – Tote bag: **80 ha (200 acres)**	M R	✓	●				Granular
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.	M	✓		●			Powder
	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.	M	✓	●				Granular
	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	M	✓			●		Liquid
POTATO	**AGTIV® REACH™ L** POTATO **F:** Liquid (spores in suspension) **S:** Case of 2 x 950 ml (2 x 32 fl. oz) bottles **C:** Potato: **8 ha (20 acres)** per case	M	✓			●	●	Liquid
	AGTIV® REACH™ P POTATO **F:** Powder **S:** Case of 2 x 300 g (2 x 10.5 oz) bag **C:** Potato: **16 ha (40 acres)** per case	M	*			●	●	Powder
	AGTIV® STIMULATE™ L POTATO **F:** Liquid **S:** 8 L (8 kg) bag-in-box **C:** Potato: **8 ha (20 acres)**	B	✓			●	●	Liquid

See last page for complete product recommendations.

ACTIVE INGREDIENTS

- **M** **MYCORRHIZAE** — PTB297 Technology
- **R** **RHIZOBIUM** — PTB160 Technology (pea & lentil); PTB162 Technology (soybean); PTB161 Technology (chickpea)
- **B** **BACILLUS** — PTB180 Technology; PTB185 Technology
- **S** **SERENDIPITA** — PTB299 Technology

LEGEND

- **F:** Formulation
- **S:** Size
- **C:** Crop/Coverage
- ✪ Eligible with EXTENDER™ L for AGTIV® inoculants
- ✓ For organic use
- * Non eligible for organic use. Contact us for more details.

FORMULATIONS

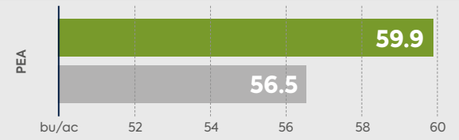
Liquid | Granular | Powder

Learn more at PTAGTIV.COM/en/products

PEA & LENTIL

- Early P uptake
- Increased nodulation
- Better pod fill

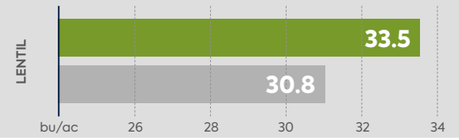
3.4 bu/ac | **6.0%**



AGTIV® THRIVE™ PEA & LENTIL
COMPETITORS

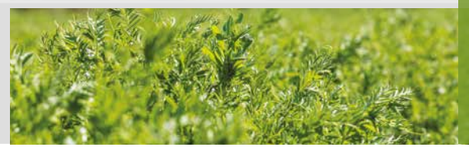
Average yield increase
27 sites over 12 years, Canada

2.7 bu/ac | **8.8%**



AGTIV® THRIVE™ PEA & LENTIL
COMPETITORS

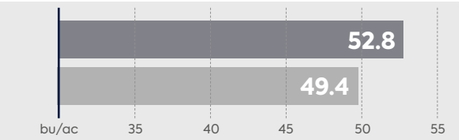
Average yield increase
66 sites over 14 years, Canada



SOYBEAN

- More nodules and larger leaves
- Quicker row closure
- Fuller pods

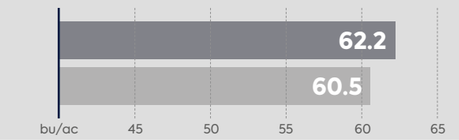
3.4 bu/ac | **6.9%**



AGTIV® THRIVE™ SOYBEAN
COMPETITORS

Average yield increase
89 sites over 9 years, Canada and Europe

1.7 bu/ac | **2.8%**



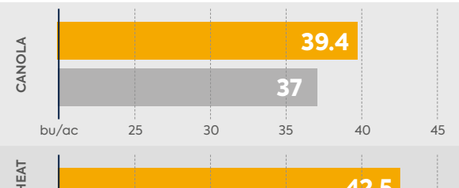
AGTIV® ENRICH™ SOYBEAN
COMPETITORS AVERAGE

Average yield increase
7 third-party trials over 3 years, Canada

CANOLA, DURUM WHEAT, SPRING WHEAT & BARLEY

- Mitigated abiotic stresses
- Increased photosynthesis rate
- Better establishment, growth and yield

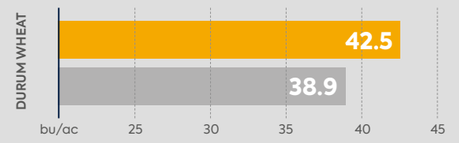
2.4 bu/ac | **6.5%**



AGTIV® IGNITE™
UNTREATED

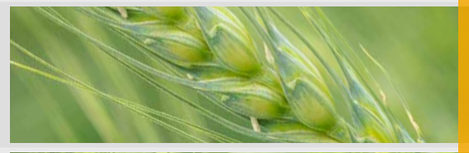
Average yield increase
32 sites over 6 years, Canada

3.6 bu/ac | **9.3%**

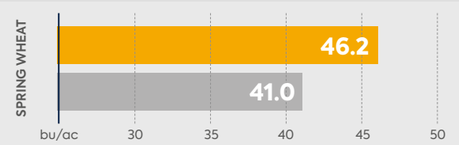


AGTIV® IGNITE™
UNTREATED

Average yield increase
10 sites over 3 years, Canada



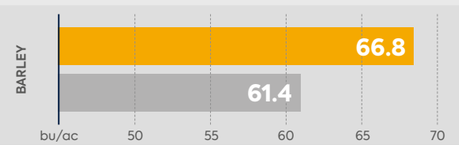
5.2 bu/ac | **12.7%**



AGTIV® IGNITE™
UNTREATED

Average yield increase
2 sites over 1 year, Canada

5.4 bu/ac | **8.8%**



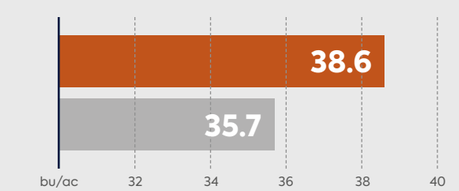
AGTIV® IGNITE™
UNTREATED

Average yield increase
3 sites over 1 year, Canada

CHICKPEA

- Bigger root system
- More branching
- More pods

2.9 bu/ac | **8.1%**



AGTIV® THRIVE™ CHICKPEA
COMPETITORS

Average yield increase
5 sites over 5 years, Canada

PEA LENTIL & FABA BEAN

ON-FARM MIXING WITH SEEDS

AGTIV® THRIVE™ P
PEA & LENTIL

COVERS 40/60 acres

ACTIVE INGREDIENTS:

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

R **RHIZOBIUM** – PTB160 Technology
Rhizobium leguminosarum biovar *viciae:* 1.6 x 10^9 active 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	**Pea & faba bean:** 16 ha (40 acres) **Lentil:** 24 ha (60 acres)	710303
2.4 kg (5.3 lb) – pail	**Pea & faba bean:** 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

COVERS 10/200 acres

ACTIVE INGREDIENTS:

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

R **RHIZOBIUM** – PTB160 Technology
Rhizobium leguminosarum biovar *viciae:* 1.3 x 10^8 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^3)

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

COVERS 80 acres

ACTIVE INGREDIENTS:

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

R **RHIZOBIUM** – PTB160 Technology
Rhizobium leguminosarum biovar *viciae:* 6 x 10^9 viable cells/g

INERT INGREDIENT: Water
PARTICLE SIZE: < 0.2 mm (70 mesh) – PTB297 Technology
< 0.1 mm (150 mesh) – PTB160 Technology
Contains non-soluble particles

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**.
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

COVERS 40/60 acres

ACTIVE INGREDIENT:

R **RHIZOBIUM** – PTB160 Technology
Rhizobium leguminosarum biovar *viciae:* 1.6 x 10^9 active 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	**Pea & faba bean:** 16 ha (40 acres) **Lentil:** 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

COVERS 10/200 acres

ACTIVE INGREDIENT:

R **RHIZOBIUM** – PTB160 Technology
Rhizobium leguminosarum biovar *viciae:* 1.3 x 10^8 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^3)

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

TREATS 240 bu

ACTIVE INGREDIENT:

R **RHIZOBIUM** – PTB160 Technology
Rhizobium leguminosarum biovar *viciae:* 6 x 10^9 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

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).

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**.

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

SOYBEAN

ON-FARM MIXING WITH SEEDS

AGTIV® THRIVE™ P
SOYBEAN

COVERS 40 acres

ACTIVE INGREDIENTS:

M **MYCORRHIZAE** – PTB297 Technology
Rhizophagus irregularis: 2 750 viable spores/g

R **RHIZOBIUM** – PTB162 Technology
Bradyrhizobium japonicum: 2.5 x 10^9 active 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

COVERS 10/200 acres

ACTIVE INGREDIENTS:

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

R **RHIZOBIUM** – PTB162 Technology
Bradyrhizobium japonicum: 1.1 x 10^8 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^3)

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

COVERS 40 acres

ACTIVE INGREDIENTS:

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

R **RHIZOBIUM** – PTB162 Technology
Bradyrhizobium japonicum: 8 x 10^9 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

COVERS 10/200 acres

ACTIVE INGREDIENT:

R **RHIZOBIUM** – PTB162 Technology
Bradyrhizobium japonicum: 1.1 x 10^8 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^3)

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

TREATS 250 units

ACTIVE INGREDIENT:

R **RHIZOBIUM** – PTB162 Technology
Bradyrhizobium japonicum: 8 x 10^9 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

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).

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**.

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

COMBO LIQUID FOR IN-FURROW OR ON SEED

AGTIV® ENRICH™
SOYBEAN

TREATS 250 units

ACTIVE INGREDIENTS:

B **BACILLUS** – PTB180 Technology
Bacillus pumilus: 3 x 10^9 viable spores/g

R **RHIZOBIUM** – PTB162 Technology
Bradyrhizobium japonicum: 8 x 10^9 viable cells/g

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 B*acillus* in the application tank. Apply at a rate of 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 — Mix the content of the bladder and the bottle in the mix tank. Dilute the inoculants in the required volume of clean, non-chlorinated water according to the product label. Apply in the furrow, directly on the seed, at a rate of 518.75 ml/ha (207.5 ml/acre).

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

LIQUID ON SEED

AGTIV® IGNITE™ L

COVERS 200 acres

ACTIVE INGREDIENT:

S **SERENDIPITA** – PTB299 Technology
Serendipita indica (formerly known as *Piriformospora indica*)
2 x10^6 viable spores/g

INERT INGREDIENT: Water
PARTICLE SIZE: < 1 mm (18 mesh)
Contains non-soluble particles

SIZE	COVERS	CODE
11 L (11 kg)	**Canola & brassicaceas:** 454 kg of seeds (1000 lb)	714114
bag-in-box	**Wheat & cereals:** 9165 kg of seeds (20 205 lb)	

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 thoroughly the 11 liters bladder and add it completely to the applicator's tank.**

For wheat and other cereals, 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.

CANOLA & CEREAL
(DURUM WHEAT, SPRING WHEAT AND BARLEY)

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

GET THE INFO YOU NEED AT **PTAGTIV.COM**

EDUCATION
Agronomic articles
Case studies
PTAGTIV.COM/**en/blog**

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Brochures, crop guides, labels, organic certificates and SDS.
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RESULTS
Efficacy report
Field observations
PTAGTIV.COM/**en/results**

PROGRAMS
Liquid injection kit and fridge program
PTAGTIV.COM/**en/program**

COMPATIBILITY
Pesticide compatibility lists
Liquid fertilizer compatibility lists
PTAGTIV.COM/**en/compatibility**

CHICKPEA

ON-FARM MIXING WITH SEEDS

AGTIV® THRIVE™ P
CHICKPEA

COVERS 40 acres

ACTIVE INGREDIENTS:

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

R **RHIZOBIUM** – PTB161 Technology
Mesorhizobium onobrychidis: 7.0 x 10^8 active 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

COVERS 10/200 acres

ACTIVE INGREDIENTS:

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

R **RHIZOBIUM** – PTB161 Technology
Mesorhizobium onobrychidis: 1.6 x 10^8 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^3)

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).

AGTIV®

BIOLOGICAL ACTIVE INGREDIENTS

For more than 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 B*acillus*, 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.

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

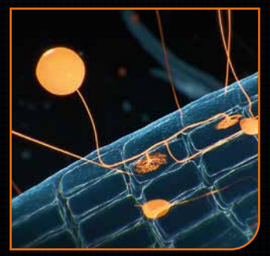
AGTIV® REACH™

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



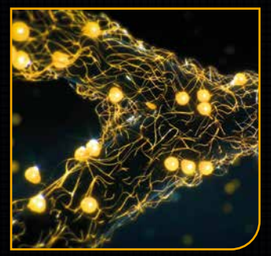
AGTIV® IGNITE™

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**

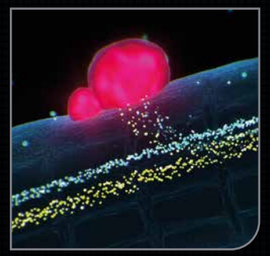
R RHIZOBIUM

PTB160 Technology
(pea & lentil) *Rhizobium leguminosarum* biovar *viciae*

PTB162 Technology (soybean)
Bradyrhizobium japonicum

PTB161 Technology (chickpea)
Mesorhizobium onobrychidis

- Increases nodulation
- Fixes nitrogen
- Provides nutrients to pulses



AGTIV® STIMULATE™

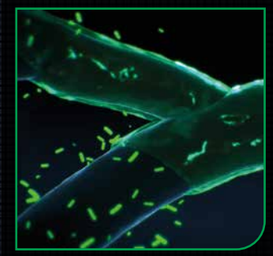
AGTIV® STIMULATE™ REINFORCES PLANTS WITH A HEALTHY ROOT ZONE THANKS TO **BACILLUS**

B BACILLUS

PTB180 Technology,
Bacillus pumilus

PTB185 Technology,
Bacillus inaquosorum

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



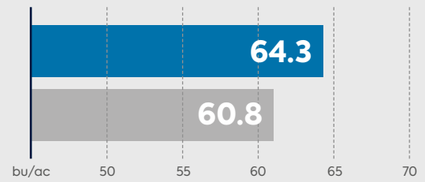
Learn more at

PTAGTIV.COM**/en/technologies**

DURUM WHEAT

- Expanded root system
- Enhanced nutrient and water uptake
- More robust and vigorous plants

3.5 bu/ac
5.8%



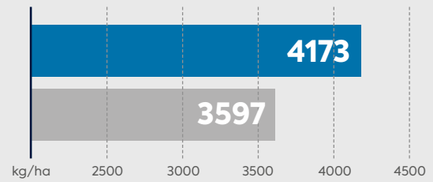
AGTIV® REACH™
UNTREATED

Average yield increase
14 sites over 8 years,
North America

FORAGE

- Increased plant establishment and survival
- Better growth
- Increased crop yield

576 kg/ha
16.0%



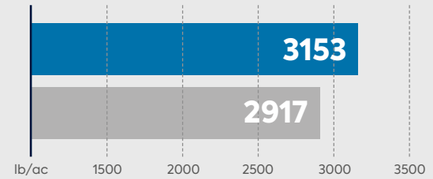
AGTIV® REACH™ P
UNTREATED

Average yield increase
47 sites over 2 years,
Canada

DRY BEAN

- Stronger plants
- Bigger branches and greener leaves
- More yield per plant

236 lb/ac
8.1%



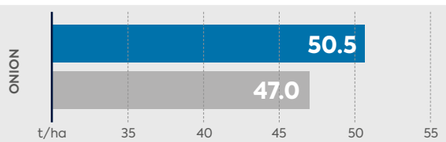
AGTIV® REACH™
UNTREATED

Average yield increase
15 sites over 10 years,
North America

ONION & CARROT

- More developed root system
- Quicker plant establishment
- Increased marketable yields

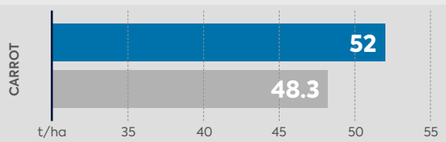
3.5 t/ha
7.4%



AGTIV® REACH™
UNTREATED

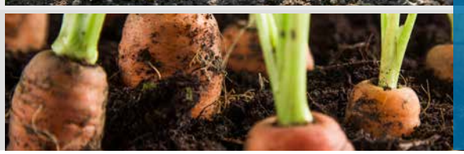
Average yield increase
17 sites over 10 years,
Canada and Europe

3.7 t/ha
7.7%



AGTIV® REACH™
UNTREATED

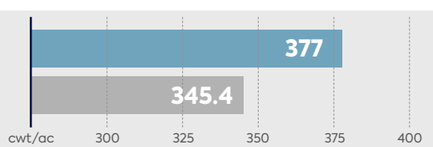
11 sites over 6 years,
North America



POTATO

- Faster germination
- Improved crop yield, quality and uniformity

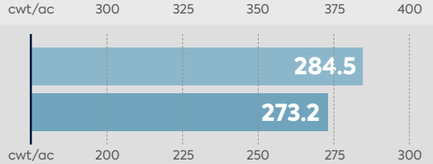
31.6 cwt/ac
9.1%



AGTIV® REACH™
POTATO
UNTREATED

Average yield increase
1197 sites over 13 years,
North America and Europe

+11.3 cwt/ac



AGTIV® REACH™ POTATO
+ AGTIV® STIMULATE™ POTATO
AGTIV® REACH™ POTATO

14 third-party trials over
3 years, North America

FIELD CROPS

ON-FARM MIXING WITH SEEDS

AGTIV® REACH™ P

COVERS 80 acres

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	**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

COVERS 10/200 acres

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/ft^3)

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

COVERS 40 acres

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 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.

SPECIALTY 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 recommended quantity of product into the growing media. For application chart, visit 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	37.50	1.320	78.9

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

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 10^9 viable spores/g

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).

IN-FURROW APPLICATION OR SEED-PIECE TREATMENT

AGTIV® REACH™ L POTATO

COVERS 20 acres

ACTIVE INGREDIENT:

M **MYCORRHIZAE** – PTB297 Technology
Rhizophagus irregularis: 10 500 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	8 ha (20 acres)	711004

DIRECTIONS FOR USE

IN-FURROW APPLICATION — Dilute the product in the required volume of clean, non-chlorinated water. Refer to the application charts available at 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.

SEED-PIECE TREATMENT — 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.

IN-FURROW APPLICATION OR SEED-PIECE TREATMENT

AGTIV® REACH™ P POTATO

COVERS 40 acres

ACTIVE INGREDIENT:

M **MYCORRHIZAE** – PTB297 Technology
Rhizophagus irregularis: 67 000 viable spores/g

INERT INGREDIENT: Diatomaceous earth
PARTICLE SIZE: < 0.2 mm (70 mesh)

SIZE	COVERS	CODE (case)
2 x 300 g (2 x 10.5 oz) – pouches	16 ha (40 acres)	711104

DIRECTIONS FOR USE

Pour the content of a 300 g pouch into 5.7 liters of clean and non-chlorinated water. **Mix well and maintain under agitation during application.** Apply directly on seed pieces into furrow.

SEE RECOMMENDATIONS BELOW.

IN-FURROW APPLICATION

AGTIV® STIMULATE™ L POTATO

COVERS 20 acres

ACTIVE INGREDIENT:

B **BACILLUS** – PTB185 Technology
Bacillus inaquosorum: 2 x 10^9 viable spores/g

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

SIZE	COVERS	CODE
8 L (8 kg) – bag-in-box	8 ha (20 acres)	711021

DIRECTIONS FOR USE

Apply inoculant in the furrow, directly on the seed pieces, at a rate of 1000 ml/ha (400 ml/acre).

SEE RECOMMENDATIONS BELOW.

POTATO

IN-FURROW APPLICATION

RECOMMENDATIONS

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.
- 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.

SEED-PIECE TREATMENT

RECOMMENDATIONS

MILESTONE TREATER:

- Validate that the atomizing head and the mixing paddles correspond to the approved specifications.
  Visit 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.

CELEBRATING DECADES OF **INNOVATION** AND **VALUE**

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**

PRODUCTION

In 2000, Premier Tech set up a world-first endomycorrhizal inoculum plant, developing a new mycoreactor process for industrial scale production. Backed by 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

PREMIER TECH

RENOWN **BRANDS**

AGTIV® PRO-MIX® C-I-L® wilson® ALASKAN®

RECOMMENDATIONS CHART

RECOMMENDATIONS

	SOYBEAN						PEA, LENTIL & 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 POTATO	AGTIV® STIMULATE™ L POTATO	AGTIV® REACH™ P	AGTIV® REACH™ G	AGTIV® REACH™ L	AGTIV® THRIVE™ P CHICKPEA	AGTIV® THRIVE™ G CHICKPEA
Use **EXTENDER™ L** for AGTIV® inoculants for longer shelf life					⊛	⊛					⊛										
APPLICATION																					
After coating, seed within	8h				30 days	30 days	8h				30 days	30 days	180 days	48h	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)	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)	2-12°C (36-54°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)	8°C (46°F)	12°C (54°F)	20°C (68°F)	35°C (95°F)	35°C (95°F)	8°C (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														•	•				•		

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PREMIER TECH

PT Growers and Consumers

World Headquarters
1 avenue Premier
Campus Premier Tech
Rivière-du-Loup (Québec)
G5R 6C1 CANADA

F. 418 862-6642

PTAGTIV.COM
1 866 454-5867
info@ptagtiv.com

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