

# RHIZOBIUM INOCULANT

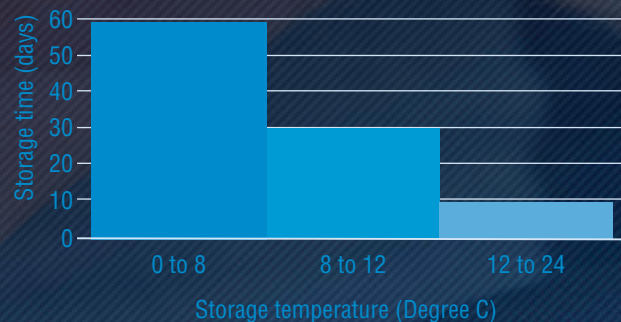
## ON SEED APPLICATION

You can now treat your pea, lentil, faba bean, and soybean seeds with AGTIV® rhizobium liquid and powder inoculant.



### STORAGE TIME VERSUS TEMPERATURE FOR OPTIMUM NODULATION

In testing conditions, we established optimum nodulation when treated seeds are stored at a specified temperature according to storage length. Follow the manufacturer's recommendations for handling, application and storage before seeding.



LIQUID ON SEED



## AGTIV® RHIZO • Liquid for PULSES

**ACTIVE INGREDIENT:**

**R** RHIZOBIAL INOCULUM – 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 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).

**RECOMMENDATIONS** (for AGTIV® RHIZO • Liquid for PULSES and for AGTIV® BRADY • Liquid for SOYBEAN )

Refer to the list of compatible pesticides and liquid fertilizers at [PTAGTIV.COM/en/compatibility](http://PTAGTIV.COM/en/compatibility). Ensure the tank and the liquid application system are clean and free of chemical residues. Shake well before use and maintain a constant agitation in the tank during application. Calibrate the application system to deliver the correct amount of inoculant. Ensure the temperature of the diluted tank mix doesn't exceed 22°C (72°F).

LIQUID ON SEED



## AGTIV® BRADY • Liquid for SOYBEAN

**ACTIVE INGREDIENT:**

**R** RHIZOBIAL INOCULUM – 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: 5 680 kg of seeds (250 units)	710604

**DIRECTIONS FOR USE**

**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).



## ON-FARM MIXING WITH SEEDS

## AGTIV® ON SEED™ – RHIZO • Powder for PULSES

**ACTIVE INGREDIENT:**

**R** RHIZOBIAL INOCULUM – 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.

**RECOMMENDATIONS**

Avoid using the product with wet equipment. At seeding time, calibrate the seeder with the treated seeds. Do not freeze or expose to temperatures above 25°C (77°F). Store the product at constant temperature at all times. When seeding, ensure full seed-soil contact to minimize any desiccation of the inoculant. Optimum on-seed viability for 30 days when treated seeds are stored below 12°C (54°F).



**DID YOU KNOW?**

You can help your plants reach water and nutrients faster by using **MYCORRHIZAE** with **RHIZOBIUM**.

Learn more on how these two organisms collaborate with plants: [PTAGTIV.COM/TRIPARTITE](http://PTAGTIV.COM/TRIPARTITE)

