

AGTIV[®]



EFFICACY REPORT 2025
DRY BEANS



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AVERAGE YIELD INCREASE

AGTIV[®]
REACH[®]

258 lb/ac

9.0%

289 kg/ha

16 sites over 11 years
North America



Dry bean split field with AGTIV® vs untreated.
Faster plant development, larger plants and quicker row closure on the right.



AGTIV® dry bean plants are bigger with more branches and larger leaves.
With AGTIV®, the root mass is increased with darker green plants
(through more nutrient absorption).



EFFICACY REPORT
SUMMARY – MYCORRHIZAL INOCULANT

► GROWER SPLIT FIELD & PLOT TRIALS

Research partners:

- Growers
- Tall Pines Agricultural Research Ltd

Research sites:

Ontario

Treatments*:

- a) Untreated check;
- b) AGTIV® REACH™.

*Products applied according to manufacturers recommended rate.

Experimental design:

- 15 grower split fields
- 8 replicated plots per treatment in randomized complete block design

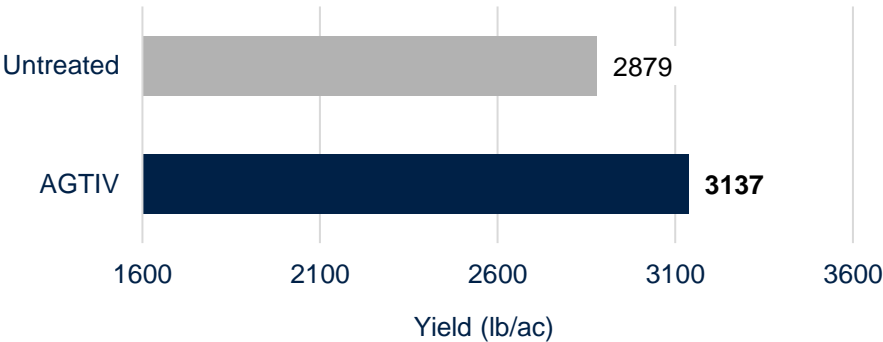


Faster plant development, larger plants and quicker row closure.

Table 1. Average yield increase with AGTIV® REACH™

Year	Number of sites	Average increase (lb/ac)	Average increase (kg/ha)	Average increase (%)
2014	2	337	378	13
2015	2	482	542	17.3
2016	5	130	146	5.5
2017	2	146	164	5.1
2020	1	462	518	10.7
2023	3	163	183	6.4
2024	1	589.5	660.6	25.5
Total	16 sites	257.8 lb/ac	288.9 kg/ha	9%

Figure 1. Yields with and without AGTIV® REACH™.



EFFICACY REPORT
2024 – MYCORRHIZAL INOCULANT

DRY BEAN 



► PLOT TRIAL

Research partner: Tall Pines Agricultural Research Ltd

Research site: Rockwood, ON

Treatments*: a) Untreated check;
b) AGTIV® REACH™ P.

*Products applied according to manufacturers recommended rate.

Experimental design: Randomized Complete Block (RCB), 8 repetitions, 18 m² plots

Variety: HDC Rogue

Previous crop: Winter wheat

Seeding details: Seeded on June 13 with a cone planter at a rate of 63 lb/ac in a sandy loam soil (pH: 7, OM: 2.5%).
Emergence on June 21.

OPERATIONAL NOTES AND RAIN FALL

Fertilisation: 120-60-90 (589 kg/ha): May 6

Pesticides:

- Dual II Magnum (1.75 l/ha): June 15
- Pursuit (0.21 l/ha): June 15
- Allegro (1 l/ha): July 28 and August 8

Harvesting: October 21, 2024

Month	Precipitation (mm)
June	87.3
July	139.5
August	61.9
September	24.9
TOTAL	313.6

Table 1. Summary of yields per treatment

Treatment	Yield (lb/ac)	Yield increase (lb/ac)
Untreated check	2 315.1	-
AGTIV® REACH™ P	2 904.6	589.5

EFFICACY REPORT 2025

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At Premier Tech, we are all about making a difference by connecting People and Technologies for more than 100 years. One team driven by a shared will to deliver sustainable solutions that help feed, protect and improve our world. Premier Tech has a wide range of products, services, brands, and technologies allowing to increase crop yields, bring beautiful gardens to life, automate the handling and packaging operations of many manufacturing facilities, treat and recycle water, support companies in their digital transformation, and offer bio-ingredients for the well-being of humans and animals.



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