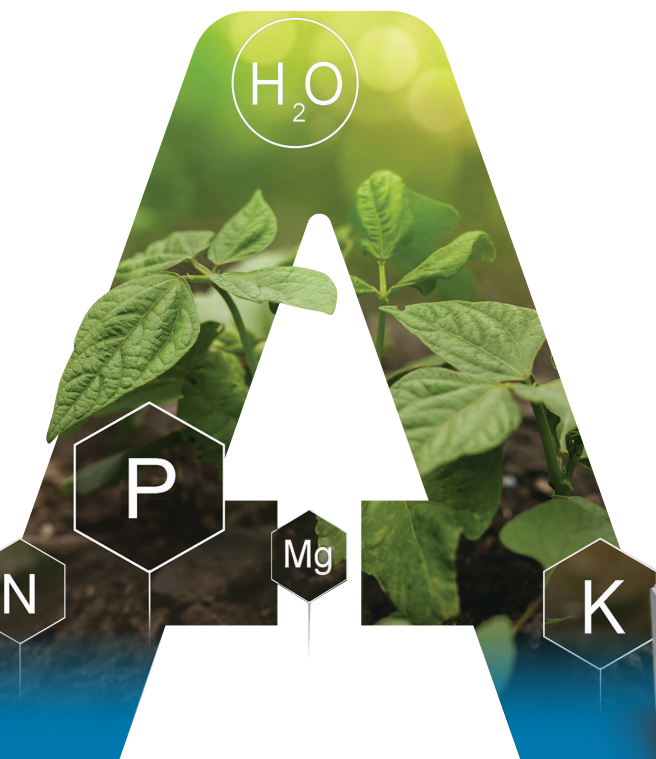




AGTIV[®]

UPTAKE[®]

- ✓ Improves soil nutrient uptake
- ✓ Promotes more efficient use of fertilizers
- ✓ Increases yield



APPLICATION AND COVERAGE - 14 L:

Fertilizer application: 7 to 50 metric tons
Seed application: Up to 123 acres
In-furrow application: Up to 123 acres

AGTIV UPTAKE[®] IS A COMBINATION OF BACTERIA FOR APPLICATION ON SEEDS, ON FERTILIZER OR IN-FURROW. THIS INOCULANT IS FORMULATED TO REDUCE NUTRIENT LOSSES AND IMPROVE FERTILIZER EFFICIENCY.



ACTIVE INGREDIENTS

***Bacillus velezensis* - PTB101 - 3.5 kg (3.5 L)**

- Increases the availability of organic phosphorus
- Stimulates nitrogen uptake

***Bacillus halotolerans* - PTB108 - 3.5 kg (3.5 L)**

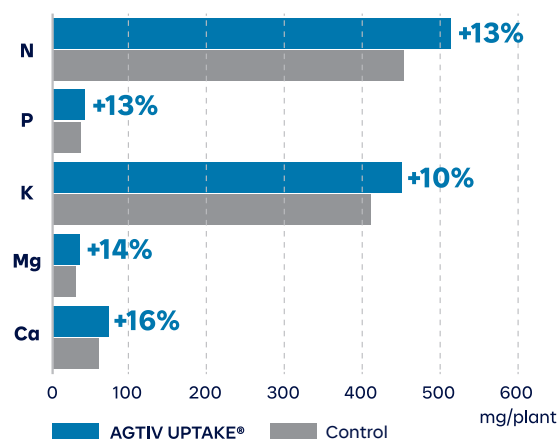
- Increases potassium availability
- Improves resistance to saline stress
- Stimulates ammonium uptake

***Priestia megaterium* - PTB124 - 7 kg (7 L)**

- Increases the availability of inorganic phosphorus
- Improves stress tolerance

NUTRIENT UPTAKE

INCREASE IN NUTRIENT ABSORPTION BY CORN PLANTS (at 6 weeks)



YIELD SUMMARY (14 sites, 4 years, Canada)

Control (bu/ac)	AGTIV UPTAKE [®] (bu/ac)	Increase (bu/ac)
188.6 ^a	192.0 ^b	3.4

Yields followed by different letters are statistically different according to the HSD Tukey test ($p \leq 0.05$).

DIRECTIONS FOR USE

Before use, shake well and mix the content of all three bags together in a clean tank. For agricultural crops, the product is stable on fertilizers and seeds for 12 months.

MIXING WITH SEEDS

Apply to seeds according to the following table. If necessary, the product can be diluted in a volume of non-chlorinated water to ensure good seed coverage. One 14 L box of AGTIV UPTAKE® treats up to 50 ha (123 acres).

	AGTIV UPTAKE® Application rate on seeds
	ml/kg
Corn	10
Wheat & Barley	1.6

IN-FURROW APPLICATION

Apply the inoculant in the furrow, directly onto the seed, at a rate of 0.28 L/ha (0.11 L/acre). The inoculant must be pre-diluted in clean, non-chlorinated water. One 14 L box of AGTIV UPTAKE® treats up to 50 ha (123 acres).

APPLICATION ON FERTILIZER*

- **Liquid fertilizer:** Incorporate at a rate of 0.28 L/ha.
- **Granular fertilizer:** Apply according to the following table. If necessary, the product can be diluted in a volume of non-chlorinated water to ensure good fertilizer coverage.

Fertilizer Application rate		AGTIV UPTAKE® Application rate
kg/ha	lb/ac	ml/kg
100-249	89-222	1.80
250-499	223-445	0.80
500-749	446-668	0.50
750-999	669-891	0.32
+1000	+892	0.26

Add water to reach a minimum of 0.5 ml/kg.

One 14 L box of AGTIV UPTAKE® treats 7 to 50 metric tons of fertilizer.

* Compatibility with agricultural fertilizers

Examples of compatible fertilizers. Ask your representative for the complete list.

Granular:

- Crystal Green®
- MAP
- DAP
- K-Mag
- MESZ
- MOP
- Ammonium sulfate
- Coated urea (PurYield)

Liquid:

- 25-0-3
- 7-25-3



AGTIV® RELIABLE INOCULANTS

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.