PREMIER TECH

AGTIV®

DESIGNED BY NATURE. PERFECTED BY SCIENCE.







2027

TURF & LANDSCAPE PROFESSIONAL INOCULANTS CATALOG

CANADA

AGTIV®

DESIGNED BY NATURE.
PERFECTED BY SCIENCE.

Born from nature and perfected by science, AGTIV® is an innovative technology brand of high-quality and proven natural active ingredients that deliver superior performance.

AGTIV® inoculants for turf and landscape professionals stand out with their rigorous quality control, ensuring efficient plant colonization, boosting growth and reducing plant mortality. Perfect for achieving successful landscaping projects, with less returns to the job sites.



Transplantation



Lawn & Tree Care



Incorporation into Growing Media

GET THE INFO YOU NEED ON OUR
WEBSITE TOOLBOX

- Brochures
- Labels & Application chart
- Organic certificates & SDS

PTHORTICULTURE.COM/**toolbox-tl**

AGTIV® INOCULANTS DESIGNED FOR PROFESSIONALS

		ACTIVE INGREDIENT(S)	FOR ORGANIC USE	USAGE: INTO GROWING MEDIA	USAGE: TRANSPLANTING	USAGE: MIXING WITH SEEDS	USAGE: SOIL INJECTION	USAGE: ROOT DIPPING	USAGE: HYDROSEEDING	USAGE: SPREADING	USAGE: SPRAYING	USAGE: ON FERTILIZER	FORMULATION
LANDSCAPING & NURSERIES	**AGTIV REACH® P** for Landscaping & Nurseries F: Powder (kaolin clay, diatomaceous earth, peat) S: Case: 2 x 500 g (2 x 1.1 lb) bags C: **Trees, shrubs and herbaceous plants:** see page "Landscaping & Nurseries" for details.	M		●		●	●						⁘
	AGTIV REACH® G for Landscaping & Nurseries F: Granules (perlite, zeolite, peat) S: 10 kg (30 L) bag 4 kg (12 L) bag Case: 12 x 500 g (12 x 1.5 L) bags C: **Trees, shrubs and herbaceous plants:** see page "Landscaping & Nurseries" for details.	M	✓	●	●								⁂
TURF	**AGTIV REACH® P** TURF F: Powder (diatomaceous earth) S: Case: 2 x 250 g (2 x 8.8 oz) bags C: **Turf: 60 000 m² (644 700 ft²)** per case	M								●			⁘
	AGTIV REACH® P for Seed Mixing F: Powder (kaolin clay) S: 2 kg (4.4 lb) pail C: **Turf: 27 000 m² (287 500 ft²)**	M			●		●						⁘
	AGTIV REACH® G TURF F: Granules (zeolite) S: 20 kg (44 lb) bag C: **Turf: 1000 m² (10 765 ft²)**	M								●			⁂
	AGTIV STIMULATE® L TURF F: Liquid S: Box: 1 x 8 L (8 kg) bag C: **Turf: 16 000 m² (174 250 ft²)**	B			●					●			💧
	AGTIV UPTAKE® F: Liquid S: Box: 2 x 3.5 L (3.5 kg) bags + 1 x 7 L (7 kg) bag C: **Turf: 187 000 m² (2 003 750 ft²)**	B			●					●	●		💧
MULTI-CROPS	**AGTIV REACH® P** F: Powder (peat) S: Case: 4 x 800 g (4 x 1.75 lb) pails C: **Vegetables, berries & garlic:** see page "Multi-Crops" for details.	M	✓	●	●	●		●					⁘
	AGTIV REACH® G F: Granules (peat) S: 6 kg (13.2 lb) pail 18.2 kg (40 lb) bag C: **Vegetables, herbs, berries & fruit trees:** see page "Multi-Crops" for details.	M	✓	●	●								⁂



ACTIVE INGREDIENTS

M **MYCORRHIZAE**

ENDOMYCORRHIZAE
PTB297 Technology,
Rhizophagus irregularis

ECTOMYCORRHIZAE
Pisolithus tinctorius
Rhizopogon amylopogon
Rhizopogon fulvigleba
Rhizopogon villosulus
Rhizopogon luteolus

B **BACTERIA**
PTB101 Technology,
Bacillus velezensis
PTB108 Technology,
Bacillus halotolerans
PTB124 Technology,
Priestia megaterium
PTB185 Technology,
Bacillus inaquosorum

LEGEND

F: Formulation
S: Size
C: Crop/Coverage
✓ For organic use

FORMULATIONS

Liquid | Granular | Powder

Learn more

Product availability may vary depending on the territory.



LANDSCAPING & NURSERIES



POWDER

AGTIV REACH® P
for Landscaping & Nurseries

ACTIVE INGREDIENTS:

M **ENDOMYCORRHIZAE**
PTB297 Technology,
Rhizophagus irregularis: 400 viable spores/g

ECTOMYCORRHIZAE
Pisolithus tinctorius: 6 600 000 spores/g,
Rhizopogon amylopogon: 107 000 spores/g,
Rhizopogon fulvigleba: 107 000 spores/g,
Rhizopogon villosulus: 107 000 spores/g,
Rhizopogon luteolus: 107 000 spores/g

Humic acids: 3%
Ascophyllum nodosum: 2%

INERT INGREDIENTS: Kaolin clay, diatomaceous earth, peat
PARTICLE SIZE: 0.15 mm (100 mesh)

SIZE	CODE
2 x 500 g (2 x 1.1 lb) - bags	714704

DIRECTIONS FOR USE

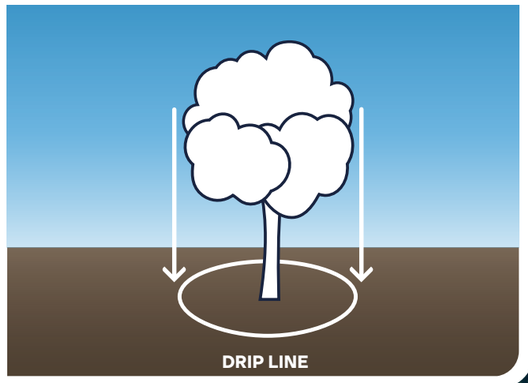
INCORPORATION INTO GROWING MEDIA
Mix the quantity of product shown in the table into the growing media. For a better homogeneity, premix the recommended quantity of product to a part of the growing media or one of the substrate ingredients. Mix well until homogeneity before filling the containers.

Quantity of product to use per volume of growing media

Container volume	Quantity of product to add per m³ of media	Quantity of product to add per yd³ of media
500 ml or less	5 ¼ cups (625 g)	4 cups (475 g)
500-1500 ml	4 ¼ cups (500 g)	3 ¼ cups (380 g)
1500 ml or more	3 ¼ cups (375 g)	2 ⅓ cups (285 g)

BARE ROOTS DIPPING
Just before planting, coat the bare roots with the product. One 1.1 lb (500 g) bag can treat up to 660 bare roots (according to plant size).

SOIL INJECTION
Mature trees and shrubs — This application is recommended when treatments requiring injection work in the root zone must be carried out. Add one 1.1 lb (500 g) bag of this product to 370 gallons (1400 liters) of clean, non-chlorinated water. Agitate thoroughly. Inject the mixed product into the upper 8-10 in. (20-25 cm) of the root zone with the use of a soil probe. Treat the root zone under the canopy and beyond the drip line. Inject at a rate of 35 fl. oz (1 liter) per injection hole in a grid pattern (30-36 in., 75-90 cm centers). One 1.1 lb (500 g) bag treats 9150 ft² (850 m²).



GRANULAR

AGTIV REACH® G
for Landscaping & Nurseries

ACTIVE INGREDIENTS:

M **ENDOMYCORRHIZAE**
PTB297 Technology,
Rhizophagus irregularis: 15 viable spores/g

ECTOMYCORRHIZAE
Pisolithus tinctorius: 100 000 spores/g,
Rhizopogon amylopogon: 7500 spores/g,
Rhizopogon fulvigleba: 7500 spores/g,
Rhizopogon villosulus: 7500 spores/g,
Rhizopogon luteolus: 7500 spores/g

Ascophyllum nodosum: 0.4%

INERT INGREDIENTS: Perlite, zeolite, peat

SIZE	CODE
12 x 500 g (12 x 1.5 L - 12 x 1.4 US dry qt) - bags	714504
4 kg (12 L - 10.9 US dry qt) - bag	714511
10 kg (30 L - 27.2 US dry qt) - bag	714501

DIRECTIONS FOR USE

INCORPORATION INTO GROWING MEDIA
Mix inoculant thoroughly into the growing media before filling the containers. Incorporate gradually while mixing for an even distribution.

Volume of growing media treated per 12 L bag of AGTIV®

Container volume	Volume of growing media treated
500 ml or less	8.5 ft³ (240 L)
500-1500 ml	10.6 ft³ (300 L)
1500 ml or more	14.1 ft³ (400 L)

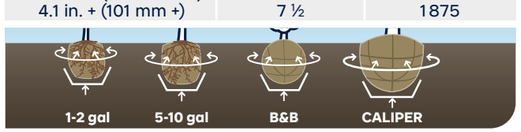
TRANSPLANTING INTO CONTAINERS
When transplanting, apply the product directly on roots or in the container. Refer to the application chart below.

TRANSPLANTING INTO SOIL
Trees and shrubs — 1. Dig planting hole approximately twice the size of the transplant's root ball. **2.** Spread this product all around the root ball where new root growth will occur and cover sides and bottom of planting area. Refer to the application chart below. Be sure that the roots are in contact with the product. **3.** Position transplant in the center of the planting hole and fill the remaining area around the root ball with soil. **4.** Water to settle planting area.

Annuals, perennials and bulbs — Apply directly to the roots or in the planting hole at a rate of 30 ml (2 Tbsp) per plant and 15 ml (1 Tbsp) per bulb.

Required quantity

Container	AGTIV® Cup	AGTIV® ml
Plugs	1/16	15
4 in.	⅛	30
#1	¼	65
#2	½	125
#5	1	250
#10	1 ½	375
#20	2	500
Caliper	**AGTIV® Cup**	**AGTIV® ml**
1.0-1.5 in. (25-40 mm)	2	500
1.6-2.0 in. (41-50 mm)	3	750
2.1-2.5 in. (51-65 mm)	4	1000
2.6-3.0 in. (66-75 mm)	5	1250
3.1-4.0 in. (76-100 mm)	6	1500
4.1 in. + (101 mm +)	7 ½	1875



UP TO
50%
LESS PLANT MORTALITY

- Minimizes transplant shock
- Ensures faster establishment
- Reduces watering needs

AGTIV LANDSCAPING PROGRAM



+ **= 2-YEAR WARRANTY**

This Program offers financial support for up to 2 years to professional landscapers for the replacement of plants with AGTIV REACH® G for Landscaping & Nurseries 1.5 L and 12 L product formats.

PTHORTICULTURE.COM/**agtiv-landscaping-program**

The following plant families cannot be colonized by the endomycorrhizal fungi contained in AGTIV REACH®: *Orchidaceae* (orchids), *Ericaceae* (rhododendron, blueberries), *Brassicaceae* (cabbages), *Amaranthaceae* (kochias), *Cariophyllaceae* (carnations), Lupins.



TURF



Optimal establishment

Improved fertilizer use

Stress resistance

Quickly established seedlings

APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER
AGTIV REACH® G TURF					
AGTIV REACH® P TURF					
AGTIV UPTAKE®					
			AGTIV STIMULATE® L		
AGTIV REACH® P for Seed Mixing				**AGTIV REACH® P** for Seed Mixing	

POWDER

AGTIV REACH® P
for Seed Mixing

ACTIVE INGREDIENT:

MYCORRHIZAE – PTB297 Technology
Rhizophagus irregularis: 3200 viable spores/g

INERT INGREDIENT: Kaolin clay
PARTICLE SIZE: < 1 mm (18 mesh)

SIZE	COVERS	CODE
2 kg (4.4 lb) - pail	27 000 m² (287 500 ft²)	713903

DIRECTIONS FOR USE

MIXING WITH SEED
Mix uniformly with seeds at a rate of 0.25 oz per 1000 ft² (7.5 g per 100 m²) of seeds. This product may "bulk up" seeds. Calibrate the equipment to ensure correct seeding rate is attained. Avoid using the product with wet equipment.

HYDROSEEDING
Apply at a rate of 0.25 oz per 1000 ft² (7.5 g per 100 m²) of surface area to seed. Rinse the tank well before introducing the product and after application.

POWDER

AGTIV REACH® P
TURF

ACTIVE INGREDIENT:

MYCORRHIZAE – PTB297 Technology
Rhizophagus irregularis: 30 000 viable spores/g

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

SIZE	COVERS	CODE
2 x 250 g (2 x 8.8 oz) - bags	60 000 m² (644 700 ft²)	711494

DIRECTIONS FOR USE

SPRAYING
Pour the prescribed amount of AGTIV® into a volume of 100 litres of water. Use clean, non-chlorinated water.

	Quantity of AGTIV® / 100 L of water	Application rate L/100 m²	Application rate L/1000 ft²
Lawns	8 g (60 ml)	10.8	10.0
Putting greens	10 g (75 ml)	8.6	8.0
Fairways	20 g (150 ml)	4.3	4.0
Sod farms	34 g (250 ml)	2.5	2.3

Mix well and keep stirring for the duration of application. Apply during the active growth period, 1 to 2 times per year.

On established lawns: Apply evenly on the surface.
On sod: Apply evenly under the sod during installation or on top of the sod after installation.
On new lawns: Apply evenly on the surface at the time of seeding.
Water generously immediately after application.

GRANULAR

AGTIV REACH® G
TURF

ACTIVE INGREDIENT:

MYCORRHIZAE – PTB297 Technology
Rhizophagus irregularis: 12 viable spores/g

INERT INGREDIENT: Zeolite
PARTICLE SIZE: 0.4 mm to 1.4 mm (14-40 mesh)

SIZE	COVERS	CODE
20 kg (44 lb) - bag	1000 m² (10 765 ft²)	713701

DIRECTIONS FOR USE

LAYING SOD, SEEDING, BROADCAST
At seeding, when laying sod or for turf maintenance, incorporate granules into the rooting zone at a rate of 4 lb per 1000 ft² (2 kg per 100 m²). Water well after application. This product can also be used when seeding wildflowers.

LIQUID

AGTIV STIMULATE® L
TURF

ACTIVE INGREDIENT:

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	16 000 m² (174 250 ft²)	711434

DIRECTIONS FOR USE

SPRAYING — Apply monthly on turf at a rate of 5 L/ha (dilute in a sufficient volume of water). During stress periods (drought, heat, etc.), repeat the application as needed at 7- to 14-day intervals. Mix well and maintain agitation throughout the application. Use clean, non-chlorinated water.

	Quantity of AGTIV® / 100 L of water	Application rate L/100 m²	Application rate L/1000 ft²
Lawns	0.47 L	10.8	10.0
Putting greens	0.58 L	8.6	8.0
Fairways	1.16 L	4.3	4.0
Sod farms	2.02 L	2.5	2.3

MIXING WITH SEEDS — Apply at a rate of 2.5 ml/kg of seed, diluted in a volume of water that provides good seed coverage. Sow within 48 hours.

LIQUID

AGTIV UPTAKE®

ACTIVE INGREDIENTS:

BACTERIA
PTB101 Technology - *Bacillus velezensis*: 5 X 10^8 viable spores/g
PTB108 Technology - *Bacillus halotolerans*: 2.5 X 10^8 viable spores/g
PTB124 Technology - *Priestia megaterium*: 2.5 X 10^8 viable spores/g

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

SIZE	COVERS	CODE
2 x 3.5 L (3.5 kg) - bags 1 x 7 L (7 kg) - bag	187 000 m² (2 003 750 ft²)	711504

DIRECTIONS FOR USE

MIXING WITH SEEDS — Apply at a rate of 2.5 ml/kg of seed, diluted in a volume of water that provides good seed coverage. Ideally, sow within 48 hours.
APPLICATION ON FERTILIZER — Apply at a rate of 2.5 ml/kg of a compatible fertilizer. The product is stable on fertilizer for 6 months. Irrigate after application.
SPRAYING — Apply to turf at a rate of 0.75 L/ha (dilute in sufficient liquid) with each fertilizer application. Mix thoroughly and maintain agitation throughout the application. Use clean, non-chlorinated water or a compatible liquid fertilizer. Irrigate after application.

	Quantity of AGTIV® / 100 L of water or fertilizer	Application rate L/100 m²	Application rate L/1000 ft²
Lawns	70 mL	10.8	10.0
Putting greens	87 mL	8.6	8.0
Fairways	175 mL	4.3	4.0
Sod farms	304 mL	2.5	2.3



- Increases plant establishment and survival
- Improves soil structure and reduces erosion
- Produces more vigorous plants

MULTI-CROPS

VEGETABLES, FRUIT TREES & BERRIES



POWDER

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
Just before planting, dip the root plugs or the bare roots in the product to fully coat them. A 800 g pail of product can treat up to 117 000 transplants or 21 300 bare roots (according to plant size).

INCORPORATION INTO GROWING MEDIA
Mix the 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.

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
18.2 kg (40 lb) - bag	712101
6 kg (13.2 lb) - pail	712103

DIRECTIONS FOR USE

BROADCAST APPLICATION
Spread evenly over the desired surface at a rate of 4.5 kg/ha (4 lb/acre).

INCORPORATION INTO GROWING MEDIA
(ex.: annuals, perennials, vegetables, herbs, cuttings)
Mix this product thoroughly into the growing media before use. This product is not recommended for cell sizes smaller than 40 ml.

Quantity of AGTIV® to use per volume of growing media		
Cell or container volume	Quantity of product to add/m³ of media	Quantity 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 - 1500 ml	1.1 kg (1.9 L)	1.9 lb (6 cups)
1500 ml and more	0.8 kg (1.4 L)	1.4 lb (4.5 cups)

CONTAINER AND FIELD PLANTING (ex.: berries, fruit trees)
Apply this product at the bottom and on the sides of the planting hole. Product must be in direct contact with roots.

Quantity of AGTIV® to use per plant	
Diameter of initial container	Amount of product
10 - 15 cm (4 - 6 in)	1.7 g (1 tsp)
20 - 25 cm (8 - 10 in)	3.5 g (½ Tbsp)
30 cm (12 in) and more	7.0 g (1 Tbsp)

STRAWBERRIES
14.0%
AVERAGE YIELD INCREASE

PEPPERS
6.8%
AVERAGE YIELD INCREASE

ONIONS
6.8%
AVERAGE YIELD INCREASE

CARROTS
9.4%
AVERAGE YIELD INCREASE

The following plant families cannot be colonized by the endomycorrhizal fungi contained in AGTIV REACH®: *Brassicaceae* (broccoli, cabbages, cauliflower, radish, rutabaga, watercress), *Chenopodiaceae* (beets, spinach), *Ericaceae* (blueberries, cranberries).



AGTIV® TECHNOLOGIES

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

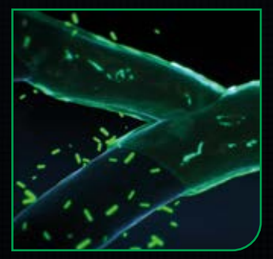
AGTIV STIMULATE

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

B BACILLUS

PTB185 Technology,
Bacillus inaquosorum

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



AGTIV UPTAKE

AGTIV UPTAKE® ENHANCES FERTILIZER AND SOIL NUTRIENT UPTAKE THANKS TO BENEFICIAL **BACTERIA**

B BACTERIA

PTB101 Technology,
Bacillus velezensis

PTB108 Technology,
Bacillus halotolerans

PTB124 Technology,
Priestia megaterium

- Improves soil nutrient assimilation
- Promotes better fertilizer use
- Enhances plant stress resistance and growth



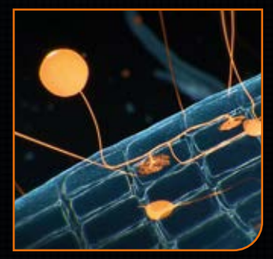
AGTIV REACH

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



10 FACTS ABOUT MYCORRHIZAE

1 QUICK COLONIZER

Achieve marketable size up to 3 weeks earlier with mycorrhizae[A].

2 EFFICIENT NUTRIENT AND WATER UPTAKE & TRANSFER

10x more area for water uptake with mycorrhizae[B].

3 VERSATILE & EFFICIENT COLLABORATOR

80% of plants can be colonized with the collaborative[C] mycorrhizal species *Rhizophagus irregularis.*

4 ALWAYS COMPARED NEVER EQUALED

Selected more than 40 years ago, Premier Tech' species has been tested continuously under various conditions and has demonstrated the efficacy and benefits of the mycorrhizal species *Rhizophagus irregularis.*

5 SOIL POPULATION

Various articles demonstrate that mycorrhizal populations in soils are highly heterogeneous or not sufficient to have the desired beneficial effect.

6 40 YEARS OF EXPERTISE

From the selection of strains to in-field results, Premier Tech products consistently follow the highest quality standards.

7 PARTNERSHIP BETWEEN ENDO & ECTO

Endomycorrhizae associate with 80% of plants, most deciduous trees and herbaceous plants, and ectomycorrhizae* associate with 15% of plants, most conifers and evergreens.

8 MULTIPLE SPECIES VS ONE

Rhizophagus irregularis has turned up as a wonder fungus in several surveys, and field experience so far has shown it to be equal or superior to mixtures of other fungi[D].

9 BETTER SOIL STRUCTURE

Mycorrhizae play a major role in the soil particle aggregation process leading to improved soil structure.

10 VIABLE SPORES VS PROPAGULES

Not all spores have the same tolerance or vigor. Premier Tech produces viable spores and guarantees their concentration, longevity and ability to colonize plant roots.

*Ectomycorrhizae are offered in **AGTIV REACH® G for Landscaping & Nurseries** and **AGTIV REACH® P for Landscaping & Nurseries**.

Sources:
[A] Vege review. C. Baum et al. / Scientia Horticulturae 187 (2015) 131-141.
[B] Jones, C. E. 2009. Mycorrhizal fungi - powerhouse of the soil. Evergreen Farming 8:4-5.
[C] Kiers et al. 2011. Reciprocal Rewards Stabilize Cooperation in the Mycorrhizal Symbiosis, Science 333:80-882.
[D] Anusuya, D. (2007) Vesicular Arbuscular Mycorrhizal Biotechnology: Current Trends and Futures Prospects.
In: Trivedi P.C. (eds) Organic Farming and Mycorrhizae in Agriculture. I.K. International Publishing House pp.125-134.

EXPERTISE, AUTONOMY, AND RELIABILITY
AT EVERY STEP

Premier Tech offers reliable, high-quality inoculants through innovation and collaboration with local partners and professionals. From our laboratories, our team transforms research into tangible and high-performance solutions for green spaces and landscaping.

Backed by 40 years of expertise in biological active ingredients, Premier Tech masters a unique large-scale manufacturing process in aseptic laboratories that meets the highest quality control standards, allowing you to fully benefit from its proven consistency of viable spores, no contamination, and reliable biological inoculants.

Learn more



PRODUCTION

In 2000, Premier Tech set up a world-first endomycorrhizal inoculum plant, developing a new mycoreactor process for industrial scale production. Backed by more than 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' success, each recommendation for product use takes into consideration validation by our field experts and by users themselves, which ensures:

- Effective application rates, at the right time and place, with the right inoculant
- Products adapted to professional equipment
- Validation of compatibility with other 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 clients' 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 distributors and green good suppliers throughout Canada, the United States and Europe

PREMIER TECH

RENOWN **BRANDS**

AGTIV PRO-MIX C-I-L wilson ALASKAN



RECOMMENDATIONS CHART

	LANDSCAPING & NURSERIES		TURF					MULTI-CROPS	
	AGTIV REACH® P *for Landscaping & Nurseries*	**AGTIV REACH® G** *for Landscaping & Nurseries*	**AGTIV REACH® P** *TURF*	**AGTIV REACH® P** *for Seed Mixing*	**AGTIV REACH® G** *TURF*	**AGTIV STIMULATE® L** *TURF*	**AGTIV UPTAKE®**	**AGTIV REACH® P**	**AGTIV REACH® G**
APPLICATION									
After coating, seed within				8h		48h	48h	8h	
After mixing in the tank, apply within	8h		6h	8h		24h	24h		
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 application system are clean and free of chemical residues	•		•	•	•	•	•		
Remove filters and use nozzles with openings of a minimum of 1 mm (18 mesh) to avoid clogging	•								
Use filters with openings of at least 0.28 mm (50 mesh)			•						
Maintain a constant and effective agitation in the tank during application	•		•	•	•	•	•		
Ensure the temperature of the diluted tank mix doesn't exceed	25°C (77°F)		35°C (95°F)	25°C (77°F)					
CALIBRATION									
Calibrate the application system to deliver the correct amount of product			•	•	•	•	•	•	•
COMPATIBILITY									
Do not mix with fertilizers	•	•		•	•			•	•
Refer to the list of compatible pesticides and fertilizers on the website	•	•	•	•			•	•	
Do not mix this product and fungicide seed treatments in the same tank. Apply to seed once treatment is dry.				•				•	
STORAGE									
Do not freeze or expose to temperatures above	35°C (95°F)	35°C (95°F)	35°C (95°F)	35°C (95°F)	35°C (95°F)	40°C (104°F)	40°C (104°F)	35°C (95°F)	35°C (95°F)
Store the product at constant temperature, in a dry cool shaded place	•	•	•	•	•	•	•	•	•



WeedOut® Ultra Professional is a selective herbicide* that provides control of dandelion, plantain, and top growth control of fall hawkbit, hawkweed, cinquefoil, and black medic in turf.

- Kills plantains and dandelions at the root for long-lasting results
- **96%** mortality on broadleaf plantains, **82%** on dandelions at week 10
- Concentrated solution adapted to lawn care professionals

LIQUID HERBICIDE

WeedOut® ULTRA PROFESSIONAL

Selective* weed control - Commercial

ACTIVE INGREDIENT: 4-chloroindole-3-acetic acid, present as potassium salt: 45 g/L

SIZE	COVERS	CODE
2 x 10 L - jugs	24 973 m² (268 810 ft²)	7257900
4 x 4 L - jugs	19 978 m² (215 048 ft²)	7257920

DIRECTIONS FOR USE

SPOT TREATMENT

Mix 1 part of WeedOut® Ultra Professional with 9 parts of water.

Treat broadleaf weeds in lawns and turf (e.g. right-of-ways, non-crop areas, golf courses, sod production, parks, cemeteries and athletic fields) when weeds are actively growing.

Use any standard hand-held or backpack sprayer. This product can be applied to small patches and individual broadleaf weeds as a spot treatment.

* Read the label for full list of species.
Registration Number 32516 Pest Control Products Act.
Read the label before using.

DESIGNED BY NATURE.
PERFECTED BY SCIENCE.



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