

PROMIX[®]

AGTIV[®]



2026

CEA PRODUCT CATALOG

LEGACY AND INNOVATION

Combining a century of expertise with 40 years of innovation, we deliver trusted solutions that ensure your success. When you thrive, we all move forward.

Our Vision

We provide science-backed solutions to help you meet today's demands and future goals. Our commitment to Innovation, Research and Development (IR&D) ensures top performance, consistency, and long-term value.

1923: Premier Tech begins its journey in the Sphagnum peat moss market.

Leading Biotechnologies

Since 1983, we've been pioneering biological ingredients for growing media. Our research center and industrial-scale production ensure your crops are healthy and uniform.

Integrated Biological Solutions

With PRO-MIX® AGTIV®, our biostimulants come within your growing media to enhance plant resilience and performance. Get consistency, reliability, and superior plant development with every product.



Active ingredients quality control.†

Precision Sourcing and Manufacturing

From peat to coir, to bark, every material is meticulously chosen to meet our high standards. Our advanced production methods ensure consistent quality and sustainable practices year after year.

Expert Support

The Grower Services team is here to help you tackle challenges and optimize results. We provide practical, hands-on support and the knowledge you need to make confident decisions.



Visit of a greenhouse by a Horticulture Specialist.†

Future-Forward

Innovation drives us. From ongoing IR&D to smarter, sustainable practices, we deliver technologies that help you stay competitive in a changing world.

COMPARATIVE CHART

	FORMULATION	FOR ORGANIC USE	TECHNOLOGIES			DESCRIPTION	PRIMARY INGREDIENTS		TEXTURE	WATER RETENTION	WEIGHT	PAGE
			+	B	M		PEAT	COCO				
PRO-MIX®												
GENERAL-PURPOSE	HP®		✓		✓	Designed for potted herbs and vegetable crops in larger cell packs to pots.	65-75%		C	L	L	6
	BX®		✓		✓	Versatile substrate for potted herbs and vegetable crops in cell packs to pots.	75-85%		M	MH	L	6
	MPO®	•	✓			Substrate for potted herbs and vegetable crops.	60-70%	17-27%	M	MH	L	7
	HPO®	•	✓			Ideal for potted herbs and vegetable crops in large cell packs to pots.	55-65%	5-15%	C	L	L	7
VEGETABLE TRANSPLANTS	FPX				✓	High-performance substrate for plug/seeding trays.	80-90%		F	MH	L	8
	FPO	•			✓	Substrate for plug/seeding trays.	60-70%	10-20%	F	MH	L	8
LEAFY GREENS, HERBS & MICROGREENS	NAX		✓		✓	Substrate for leafy greens, herbs and microgreens in large trays and pots.	95-100%		M	MH	L	9
	NAO	•	✓		✓	Substrate for leafy greens, herbs and microgreens in large trays and pots.	95-100%		M	MH	L	9
TOMATOES, CUCUMBERS, PEPPERS & STRAWBERRIES	HPCC®				✓	Substrate for berry transplants in pots over 2 inches, for field and trough systems.	65-75%	25-35%	C	M	L	10
	NAC				✓	Substrate for vine crops and strawberry plants propagation and production.	45-55%	45-55%	C	ML	M	10
	FVCO	•			✓	Ideal for organic plants propagation and production in large containers and troughs.	45-55%	35-45%	C	ML	M	11
PRO-MOSS®												
MUSHROOMS	TBK					Long-fibered blond sphagnum peat moss. Ideal base for mushroom casing.	100%		M	MH	L	13
	BBK	•				Long-fibered black peat humus. Provides structure to the mushroom casing.	100%		M	MH	H	13

LEGEND

TECHNOLOGIES

- AGTIV **AMPLIFY** + BACILLUS + MYCORRHIZAE
- AGTIV **STIMULATE** B BACILLUS
- AGTIV **REACH** M MYCORRHIZAE

MEGA BALES

MEGA BALES are the largest compressed bale packages available on the market, with sizes ranging from 100 to 135 cubic feet. Their sealed plastic packaging is both airtight and waterproof, ensuring optimal protection for their contents.

ASK YOUR SALES REPRESENTATIVE FOR MORE INFORMATION.

TEXTURE

- F:** Fine
- M:** Medium
- MC:** Medium-Coarse
- C:** Coarse

WATER RETENTION/WEIGHT

- H:** High
- MH:** Medium-High
- M:** Medium
- ML:** Medium-Low
- L:** Low

• Some product sizes are available in generic bags.



† Source: Premier Tech Ltd.

SETTING THE STANDARD

We are studying biologicals, selecting the ones that deliver superior performance for growers, and building a future where biotechnological advancements thrive.

With extensive experience in aseptic processes, Premier Tech ensures AGTIV® biologicals meet the highest quality standards. Our contaminant-free products maximize crop effectiveness, with viable spores guaranteed for concentration, longevity, and root colonization.

MORE THAN
40
years
OF EXPERTISE IN
ACTIVE INGREDIENTS

PRO-MIX® AGTIV®

Optimize your production, save time, labor, and make better use of your resources with biological active ingredients integrated in PRO-MIX® growing media.

Select **PRO-MIX® AGTIV®** for higher crop yields, improved quality, and extended shelf life, while reducing costs by minimizing drenches and optimizing fertilizer use.

AGAINST ALL ODDS

In 1983, we assembled a team of scientists with a mission deemed impossible: to produce high-quality mycorrhizal inoculum under aseptic conditions.

WE SUCCEEDED

In developing this process, we set new industry standards for purity and quality, showcasing our dedication to pushing the boundaries of innovation.

TO BRING LIFE INTO GROWING MEDIA

Growing media generally contain no microorganisms. Since 2005, AGTIV® biologicals are incorporated in PRO-MIX® growing media to foster a more favorable environment for plant growth.

FOR YOUR SUCCESS

With AGTIV® biologicals, we empower growers to achieve remarkable success, ensuring that every bale of PRO-MIX® is not just a product, but a promise of thriving plants.

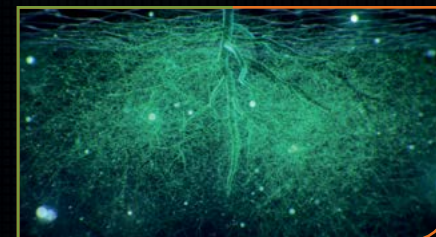
AGTIV **AMPLIFY**

AGTIV AMPLIFY® PROVIDES A HEALTHY AND EXPANDED ROOT SYSTEM THAT ABSORBS MORE NUTRIENTS AND WATER THANKS TO **BACILLUS** & **MYCORRHIZAE**

+ BACILLUS + MYCORRHIZAE

PTB297 + PTB180 Technologies

- ++ Amplifies root system
- ++ Improves nutrient and water uptake
- ++ Increases plant strength and productivity



LEARN MORE ABOUT
AGTIV AMPLIFY®
TECHNOLOGY

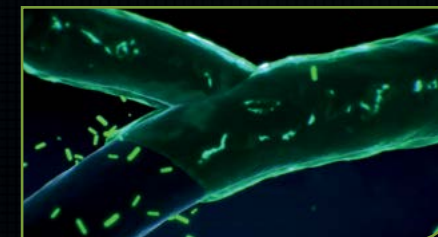
AGTIV **STIMULATE**

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

B BACILLUS

PTB180 Technology,
Bacillus pumilus

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



LEARN MORE ABOUT
AGTIV STIMULATE®
TECHNOLOGY

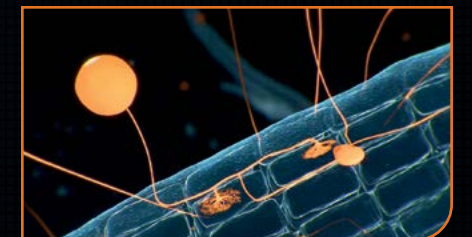
AGTIV **REACH**

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



LEARN MORE ABOUT
AGTIV REACH®
TECHNOLOGY

HP HIGH POROSITY

Formulated for superior drainage and root aeration, PRO-MIX® HP® is a high-porosity growing medium ideal for controlled-environment production. Featuring fibrous Sphagnum peat moss and a high percentage of coarse perlite, it promotes **rapid dry-down** and **strong root systems**. Ideal for **precision irrigation**, it helps **conserve water** while supporting strong fruit, vegetable, and herb production.

- INGREDIENTS:**
- Canadian Sphagnum peat moss (65-75% by volume)
 - Perlite — horticultural grade
 - Calcitic and dolomitic limestone (pH adjustment)
 - Wetting agent



See product web page

SIZE	UNITS PER PALLET	AGTIV REACH	AGTIV AMPLIFY
		M MYCORRHIZAE	+ BACILLUS + MYCORRHIZAE
2.8 cu. ft. Loose	57	20281RG	—
3.8 cu. ft. Comp.	30	20381RG	2038700RG
MEGA BALE*	1	21351RG	2135700RG

* Smaller MEGA BALE available in Eastern Canada

MPO FOR ORGANIC USE MULTI-PURPOSE

PRO-MIX® MPO meets the needs of organic crop growers seeking high-quality results without compromising their standards. This peat-based medium, enriched with coir and perlite, provides the **right balance of air and water properties** to support **optimal root development and consistent yields**. Approved for organic use, it empowers CEA producers to meet market demand for high-value crops.

- INGREDIENTS:**
- Canadian Sphagnum peat moss (60-70% by volume)
 - Coir — horticultural grade
 - Perlite — horticultural grade
 - Calcitic limestone (pH adjustment)
 - Wetting agent

Eligible for organic use.*



See product web page

SIZE	UNITS PER PALLET	AGTIV AMPLIFY
		+ BACILLUS + MYCORRHIZAE
2.8 cu. ft. Loose	57	8028703RG
3.8 cu. ft. Comp.	30	8038703RG
MEGA BALE	1	8135703RG

* Some product sizes are available in generic bags.

* PRO-MIX® MPO AGTIV AMPLIFY® is approved for organic use by Ecocert.

BX GENERAL-PURPOSE

A versatile staple in controlled environment, PRO-MIX® BX combines premium Sphagnum peat moss and perlite to create a balanced structure that promotes strong root development and steady crop growth. Engineered for **consistency**, this formulation **adapts easily across various crops and systems**, delivering day-in, day-out performance.

- INGREDIENTS:**
- Canadian Sphagnum peat moss (75-85% by volume)
 - Perlite — horticultural grade
 - Calcitic and dolomitic limestone (pH adjustment)
 - Wetting agent



See product web page

SIZE	UNITS PER PALLET	REGULAR	AGTIV REACH	AGTIV AMPLIFY
			M MYCORRHIZAE	+ BACILLUS + MYCORRHIZAE
2.8 cu. ft. Loose	57	10280RG	10281RG	1028700RG
3.8 cu. ft. Comp.	30	10380RG	10381RG	1038700RG
MEGA BALE*	1	11350RG	11351RG	1135700RG

* Some product sizes are available in generic bags.

* Smaller MEGA BALE available in Eastern Canada.

HPO FOR ORGANIC USE HIGH POROSITY

PRO-MIX® HPO delivers the **perfect balance of high porosity and low water retention** for organic growers. This lightweight, peat-based blend incorporates coir and perlite to promote **efficient root development and nutrient uptake**. Approved for **organic production** and designed with sustainability in mind, it's an essential choice for CEA growers aiming for superior crop quality.

- INGREDIENTS:**
- Canadian Sphagnum peat moss (55-65% by volume)
 - Perlite — horticultural grade
 - Coir — horticultural grade
 - Calcitic limestone (pH adjustment)
 - Wetting agent

Eligible for organic use.*



See product web page

SIZE	UNITS PER PALLET	AGTIV AMPLIFY
		+ BACILLUS + MYCORRHIZAE
3.8 cu. ft. Comp.	30	2038723RG

* Some product sizes are available in generic bags.

* PRO-MIX® HPO AGTIV AMPLIFY® is approved for organic use by Ecocert.

FPX

PLUG AND GERMINATION

PRO-MIX® FPX creates the ideal environment for seed germination, plug production, and rooting. Its fine structure ensures **even water distribution** and **strong root establishment**, promoting **uniform emergence** and reducing the risks of uneven crop starts. A smart choice when **precision** at propagation makes all the difference downstream.

- INGREDIENTS:**
- Canadian Sphagnum peat moss — fine peat (80-90% by volume)
 - Perlite — plug grade
 - Calcitic and dolomitic limestone (pH adjustment)
 - Wetting agent



AGTIV **STIMULATE**

SIZE	UNITS PER PALLET	B BACILLUS
3.8 cu. ft. Comp.	30	40383RG
MEGA BALE	1	41353RG



See product web page

NAX

NO AGGREGATE

PRO-MIX® NAX offers a clean, aggregate-free growing environment designed for smooth integration with irrigation systems. Its lightweight, porous structure promotes **strong root development**, making it well-suited for **microgreens and other sensitive crops**. With **no aggregate** to disrupt water flow, transplanting, or harvesting, this formulation supports **efficient operations** and **consistent results**.

- INGREDIENTS:**
- Canadian Sphagnum peat moss (95-100% by volume)
 - Calcitic and dolomitic limestone (pH adjustment)
 - Wetting agent



AGTIV **STIMULATE**

AGTIV **AMPLIFY**

SIZE	UNITS PER PALLET	B BACILLUS	+ BACILLUS + MYCORRHIZAE
MEGA BALE	1	991353RG	9913570ORG



See product web page

FPO

FOR ORGANIC USE

PLUG AND GERMINATION

Tailored for **organic seedling** production, PRO-MIX® FPO combines fine peat, coir, and perlite to support **even germination** and **consistent early growth**. Its refined texture enhances **water control** and **seed-to-media contact**, ensuring a **strong, uniform start** for herbs and vegetables grown under organic certification.

- INGREDIENTS:**
- Canadian Sphagnum peat moss — fine peat (60-70% by volume)
 - Coir — horticultural grade
 - Perlite — plug grade
 - Calcitic limestone (pH adjustment)
 - Wetting agent

Eligible for organic use.*



AGTIV **STIMULATE**

SIZE	UNITS PER PALLET	REGULAR	B BACILLUS
3.8 cu. ft. Comp.	30	4038023RG	—
55 cu. ft. Comp.	2	4055023RG	—
MEGA BALE	1	4135023RG	4135323RG



See product web page

* PRO-MIX® FPO and PRO-MIX® FPO AGTIV STIMULATE® are approved for organic use by Ecocert.

NAO

FOR ORGANIC USE

NO AGGREGATE

PRO-MIX® NAO is an **aggregate-free, option** for growers prioritizing **reliable performance**. This peat-based medium delivers the structure and porosity needed to support **uniform germination** in **delicate crops** such as microgreens and herbs, meeting strict organic certification protocols and maintaining the physical integrity essential to controlled-environment success.

- INGREDIENTS:**
- Canadian Sphagnum peat moss (95-100% by volume)
 - Calcitic limestone (pH adjustment)
 - Wetting agent

Eligible for organic use.*



AGTIV **STIMULATE**

AGTIV **AMPLIFY**

SIZE	UNITS PER PALLET	B BACILLUS	+ BACILLUS + MYCORRHIZAE
MEGA BALE	1	99135303RG	99135703RG



See product web page

* PRO-MIX® NAO AGTIV STIMULATE® contains only substances that appear on the Organic Production Systems Permitted Substances Lists and may be suitable for use in organic agriculture. Please consult your authorized organic Certification Body for further information. PRO-MIX® NAO AGTIV AMPLIFY® is approved for organic use by Ecocert.

HPCC

HIGH POROSITY CHUNK COIR

For growers needing a coarse-textured, high-porosity growing medium, PRO-MIX® HPCC delivers. Its unique combination of fibrous peat moss, coir chunks, and coarse perlite ensures an excellent balance of **drainage, water retention, and aeration**. Designed for **versatility**, this blend supports **consistent growth**, making it ideal for long-cycle or high-value crops such as fruiting plants.

INGREDIENTS:

- Canadian Sphagnum peat moss (65-75% by volume)
- Coir — chunk
- Perlite — horticultural grade
- Calcitic and dolomitic limestone (pH adjustment)
- Wetting agent



AGTIV **AMPLIFY**

SIZE	UNITS PER PALLET	+ BACILLUS + MYCORRHIZAE
2.8 cu. ft. Loose	57	2028730RG
3.8 cu. ft. Comp.	30	2038730RG
MEGA BALE	1	2135730RG

Some product sizes are available in generic bags.



See product web page

FVCO

FOR ORGANIC USE

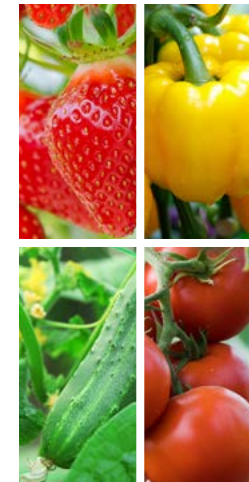
NO AGGREGATE WITH COCO

PRO-MIX® FVCO is a coarse-textured, **high-porosity** medium that provides **excellent water retention, aeration, and structural resilience**, making it ideal for **long-cycle vine crops** and **strawberries** grown in **large containers or troughs**. Recognized by leading growers for its performance, PRO-MIX® FVCO offers a unique and effective solution for **organic controlled-environment agriculture**.

INGREDIENTS:

- Canadian Sphagnum peat moss (45-55% by volume)
- Coir — crushed
- Coir — chunk
- Processed spruce bark
- Calcitic limestone (pH adjustment)
- Wetting agent

Eligible for organic use.*



AGTIV **AMPLIFY**

SIZE	UNITS PER PALLET	+ BACILLUS + MYCORRHIZAE
80 cu. ft. Loose	2	19080723RG
MEGA BALE	1	19135723RG

* PRO-MIX® FVCO AGTIV AMPLIFY® is approved for organic use by Québec Vrai.



See product web page

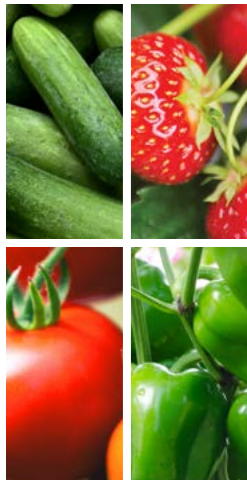
NAC

NO AGGREGATE WITH COCO

PRO-MIX® NAC is a **peat/coir**-based growing medium **free of aggregates** that offers a constant, uniform structure. The coir provides enhanced durability and physical resilience, especially beneficial for **long-cycle crops** like tomatoes, peppers, and berries. Its natural porosity supports **root development** and **consistent water retention**. A strong choice for growers requiring **structural integrity** and **performance** over time.

INGREDIENTS:

- Canadian Sphagnum peat moss (45-55% by volume)
- Coir — crushed
- Coir — chunk
- Calcitic and dolomitic limestone (pH adjustment)
- Wetting agent



AGTIV **AMPLIFY**

SIZE	UNITS PER PALLET	+ BACILLUS + MYCORRHIZAE
MEGA BALE	1	99135720RG



See product web page

AGTIV



INOCULANTS FOR FOOD PRODUCTION

VEGETABLES & LEAFY GREENS | TRANSPLANTS | BERRIES | MICROGREENS | HERBS

BENEFITS

- ✓ Expands root system
- ✓ Enhances nutrient and water uptake
- ✓ Promotes plant robustness and vigor

USAGES

- ✓ Propagation and transplanting
- ✓ Mixing with vegetable seeds
- ✓ Bare roots dipping

SEE OUR INOCULANTS



PRO·MOSS®



COMBINE TO CREATE THE PERFECT GROWING ENVIRONMENT FOR MUSHROOMS

1 PRO·MOSS® TBK

The ideal base for mushroom casing, featuring a consistent texture with excellent water retention and air porosity.

2 PRO·MOSS® BBK

The boost that optimizes your casing profile and structure with precise moisture control and enhanced water-holding capacity.

BENEFITS

✓ Better mushroom staggering

Delivers steady production of premium-grade mushrooms that meet the highest standards.

✓ Extended shelf-life

Produces mushrooms that stay fresher for longer, reducing waste and increasing efficiency.



TBK AERATION & WATER RETENTION

PRO·MOSS® TBK is produced from select long-fibered blond Sphagnum peat moss, offering excellent water retention and air porosity. **Consistent in texture and performance**, it serves as an **ideal base** for **mushroom casing**. Its uniform quality ensures **predictable results** and supports **crop development** across diverse production systems.

INGREDIENT:

- Select long-fibered, blond Sphagnum peat moss

SIZE	UNITS PER PALLET	REGULAR
55 cu. ft. Loose*	2	0010P
MEGA BALE	1	0210P

*Format available in Western Canada only.



See product web page



BBK STRUCTURE & WATER HOLDING

Specifically developed for mushroom cultivation in collaboration with commercial growers, this **all-natural fibrous peat blend** offers a **dense structure** that enhances the **profile, stability, and water-holding capacity** of **casing layers**. Its formulation supports precise moisture control, reduces contamination risk, and has been shown to **improve the size, quality, quantity, and cleanliness** of mushroom crops.

INGREDIENT:

- Dark, humified Sphagnum peat moss

Eligible for organic use.*

SIZE	UNITS PER PALLET	REGULAR
80 cu. ft. Comp.	1	0783P

* PRO·MOSS BBK is approved for organic use by Québec Vrai.



See product web page

SUSTAINABILITY AND BEYOND

At Premier Tech Growers and Consumers, our commitment to sustainability balances preserving the planet, ensuring individual well-being, and fostering shared prosperity.

Responsible Peatland Management: The Heart of Our Environmental Stewardship

Managing peatland since our early beginnings, we are looking forward to many more years of stewardship. As one of the founders of the Peatland Ecology Research Group (PERG) and as members of the Canadian Sphagnum Peat Moss Association (CSPMA), we actively promote practices that support both environmental and economic well-being.

Peatland Restoration

After harvest, we don't just leave the land; we restore peatlands, reestablishing their self-regulation mechanisms to accumulate peat and sequester carbon, thus reducing our carbon footprint.

Reducing Ecological Footprint

From our production processes to community initiatives, we strive to make a positive impact. By partnering with others to enhance the value of residual materials, we are exploring new ways for material recovery and upcycling, reinforcing our commitment to responsible production.

Eco-Responsible Practices

Sustainability is embedded in our innovation process through eco-design, ensuring our products are environmentally considerate throughout their lifecycle. For over 40 years, we have been at the forefront of researching biologicals, resulting in environmentally friendly solutions.

Veriflora® Certification

Our Veriflora®-certified peatlands follow the highest standards of sustainable development, with annual GHG emissions inventories setting the benchmark for the industry. This certification is also a testament to our responsible peatland management, continuous improvement efforts, and biodiversity promotion.



Artificial pond on a bog site, 20 years post-restoration. Quebec, Canada.†

† Source: Premier Tech Ltd.

Unwavering Community Commitment

We contribute to preserving local species and maintaining ecological balance. By prioritizing local suppliers, we help bolster the regional economy and support local businesses. Beyond the fields, through donations and active community involvement, we ensure our global impact is deeply rooted in local values.

LEARN MORE ABOUT OUR SUSTAINABILITY APPROACH



High school students and Premier Tech's team members planted 600 trees along a bike path using our donated horticultural products.†



PEOPLE AND TECHNOLOGIES MAKING A DIFFERENCE

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.



PT Growers and Consumers

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

F. 418 862-6642



PTHORTICULTURE.COM

CUSTOMER SERVICE: 1 800 667-5366
GROWER SERVICES: 1 800 424-2554
services@pthorticulture.com

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