

PROMIX[®]

NOTHING SAYS GROWING MEDIA BETTER[™]



PROFESSIONAL
PRODUCT CATALOGUE

**2020
2021**

A DEDICATED COMPANY

Premier Tech is a leader of quality growing media products for edible, floriculture, and nursery crops. Thanks to its numerous manufacturing facilities and vast distribution network, products are offered throughout North America, from coast to coast.

A LEADING BRAND

Introduced in 1968, PRO-MIX® has always provided commercial growers and consumers with cutting-edge and value-added growing media products. PRO-MIX® growing media are enhanced with high-performance active ingredients and are considered a reference in the market, as they represent innovative and unique solutions. Fine-tuned for growers who seek efficiency, superior plant quality, disease suppression and resistance to environmental stresses, PRO-MIX® optimizes results.

For many years now, Premier Tech has used a very unique approach to peat moss gradation and selection. It has ensured consistency in the final product, which has set a high standard for the industry.

SUSTAINABLE SOLUTIONS

Sphagnum peat moss is an important component of growing media and the peatlands it comes from must be managed in a responsible way. Our sustainable management of this valuable resource ensures a long-term supply for our customers and for future generations.

PRO-MIX® improves crop performance by bringing life into the plant root zone with natural active ingredients. Its distinctive solutions incorporate biostimulants and biocontrols that enrich growing media and fortify plants in an ecological and responsible manner.

OUR COMMITMENT

We have created a solid bond with growers seeking the best. By using our ability to innovate and by paying careful attention to the growers’ needs, it has become essential in our daily activities to incorporate something unique into both our products and the services we offer.

PRO-MIX® COMPARATIVE CHART

DESCRIPTION	FORMULATION	ACTIVE INGREDIENT			PRIMARY COMPONENT			RECOMMENDED CONTAINER SIZE	TEXTURE	MOISTURE RETENTION	WEIGHT	PAGE
		+	M	B	SPHAGNUM PEAT MOSS	SPHAGNUM PEAT MOSS-FINE	PROCESSED PINE BARK					
GENERAL PURPOSE	BX	✓	✓		75-85%			cell packs to hanging baskets	M	MH	L	7
	LP15 ⁺	✓	✓		80-90%			cell packs to hanging baskets	M	MH	L	7
HIGH POROSITY	HP	✓	✓		65-75%			large cell packs to large pots	C	M	L	8
HIGH POROSITY CHUNK COIR	HPCC	✓	✓		65-75%			4" and larger	C	H	L	8
	CC40		✓		55-65%			4" and larger	C	H	L	9
YOUNG PLANT PRODUCTION	YP ⁺			✓		45-55%		paper-wrapped pots >28 mm	F	MH	L	9
PLUG AND GERMINATION	FPX ⁺			✓		80-90%		plug and seeding trays	F	MH	L	10
	PGX ⁺			✓		75-85%		plug and seeding trays	F	H	L	10
ORGANIC GROWING	PG					60-70%		plug and seeding trays	F	H	L	11
	MP	✓	✓		60-70%			cell packs and larger	M	H	L	11
PEAT/BARK-BASED MEDIA WITH PERLITE (FROM CANADA)	BRK20	✓	✓		60-70%			large cell packs, small pots to hanging baskets	MC	MH	M	12
	BRK	✓	✓		40-50%			4" and larger	C	ML	H	12
PEAT/BARK-BASED MEDIA WITH PERLITE (FROM US)	BK25 *		✓		50-60%			cell packs and larger pots	MC	MH	M	13
	BK55 * ⁺		✓				50-60%	6" and larger	C	L	H	13
PEAT/BARK-BASED MEDIA WITH VERMICULITE (FROM US)	BK25-V * ⁺		✓		35-45%			large cell packs, small pots to hanging baskets	MC	MH	H	14
	BK45-V * ⁺		✓				40-50%	6" and larger	MC	ML	H	14
NURSERY MIX	NCX *		✓				80-90%	1 gallon and larger	VC	L	VH	15
TOBACCO AND AGRICULTURE TRANSPLANT	TA				80-90%			tobacco trays	F	H	L	15
GENERAL COMMERCIAL USE	TBK				100%			for blending general purpose growing media	Fibrous	H	L	16
	FINE					100%		for blending germination and fine-textured growing media	F	H	L	16

* Product only available in Eastern US.

⁺ Some product sizes are available in generic bags.



Consult your sales representative for more information.

LEGEND

ACTIVE INGREDIENTS	TEXTURE	MOISTURE RETENTION/WEIGHT
B BIOFUNGICIDE™ / BIOSTIMULANT	F: Fine	VH: Very high
M MYCORRHIZAE™	M: Medium	H: High
+ BIOFUNGICIDE™ / BIOSTIMULANT + MYCORRHIZAE™	MC: Medium-Coarse	MH: Medium-High
	C: Coarse	M: Medium
	VC: Very coarse	ML: Medium-Low
		L: Low

THE VALUE-ADDED COMBINATION

P PLANT

Nutrients and water are essential components for effective plant growth. By adding biological active ingredients, such as beneficial mycorrhizae and *Bacillus*, the early accessibility and efficient use of nutrients and water help plants reach optimum crop growth and yield.

UNTREATED

WITH PREMIER TECH TECHNOLOGIES

ACTIVE INGREDIENTS WORK TOGETHER TO ENHANCE PLANT PERFORMANCE, QUALITY AND YIELD

Backed by more than 35 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 the added value integrated into PRO-MIX®. Proven consistency of viable spores, no contamination and reliable active ingredients. It's how we make a difference.

M

MYCORRHIZAE +

B

BACILLUS

=

+ BIOFUNGICIDE™ MYCORRHIZAE™

PTB297 Technology, *Glomus intraradices*

Mycorrhizae are beneficial associations between a mycorrhizal fungus and roots. Mycorrhizal spores germinate in the growing medium and produce filaments (hyphae) which will enter into root cells. This association will allow the formation of an intra and extra-radical network of filaments that will explore the soil and access more nutrients and water, and transfer them to the plant.

- ✓ EXPAND ROOT SYSTEM GROWTH
- ✓ ENHANCE NUTRIENT & WATER UPTAKE
- ✓ INCREASE TOLERANCE TO STRESSES
- ✓ REDUCE TRANSPLANT SHOCK

PTB180 Technology, *Bacillus pumilus*

MBI 600, *Bacillus amyloliquefaciens** is provided as a single active ingredient in some PRO-MIX® products.

Bacillus are bacteria that produce an antibiotic which helps suppress root rot diseases caused by *Fusarium*, *Pythium* and *Rhizoctonia*. They also secrete biostimulant molecules (auxins) to form a biofilm around the root system that ensures protection and induces the proliferation of the root hairs to favor the absorption of nutrients and water.

- ✓ ACCELERATE SEED GERMINATION & PLANT ESTABLISHMENT
- ✓ REDUCE NEED FOR FUNGICIDE DRENCHES
- ✓ STRENGTHEN PLANT DISEASE RESISTANCE

* Antecedent *Bacillus subtilis* strain MBI 600

ENHANCE

The use of fertilizer and water. Increase resistance to stresses. Improve plant strength and productivity. Optimize plant growth rate and uniformity.

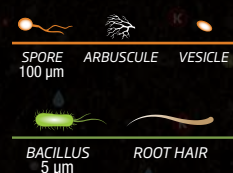
PROTECT

By reducing incidence of plant root diseases (*Fusarium*, *Pythium* and *Rhizoctonia*) and risk of pathogens that develop resistance to chemical fungicides.

SUPPRESS

Certain insects, including fungus gnats and thrips that pupate into the growing media, by suppressing their food sources and plant susceptibility.

Exclusive to US, PRO-MIX® BIOFUNGICIDE™ + MYCORRHIZAE™. ENHANCE plant growth with MYCORRHIZAE™. PROTECT against root diseases caused by specific root pathogens, and also SUPPRESS fungus gnats and thrips. (EPA Reg #: 74267-4) Product availability may vary depending on the US region.



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INGREDIENTS

1. SPHAGNUM PEAT MOSS

Sphagnum peat moss is a natural and organic, partially decomposed plant material comprised mostly of Sphagnum moss. This primary resource is carefully harvested from peat bogs with specialized vacuum harvesters. Sphagnum peat moss is available in various levels of fibrosity and decomposition. Careful grading ensures that the properties of each grade are optimized for a final product that satisfies stringent quality specifications.



2. PROCESSED PINE BARK

Processed pine bark consists of partially composted aged pine bark predominantly derived from red and southern pine species. The pine bark is screened, graded and processed, and then partially composted to improve and stabilize the carbon:nitrogen ratio.



3. COIR

Coco fiber, commonly called “coir”, is a natural product which comes from the exterior envelope of an aged coco fruit. We have carefully selected a material based on the following 3 types of properties to create a high-quality professional growing medium:

- Physical (particle type and size)
- Chemical (washed material with a very low salinity level)
- Microbiological (pathogen-free)

Chunk coir: Chunk coir provides an ideal balance between air porosity and water retention. This type of coir is ideal in drought conditions thanks to its water retention ability.



4. PERLITE

Perlite is an aluminosilicate ore of volcanic origin. The raw ore is crushed, graded, heat expanded and screened in various particle sizes. Perlite is a light-weight aggregate that has a high total porosity and improves both drainage and air porosity.



5. VERMICULITE

Vermiculite is derived from an aluminum-iron magnesium silicate mineral ore that is mined throughout the world. The raw ore is crushed, graded, heat expanded and screened in various particle sizes. Vermiculite has a high total porosity and has a good nutrient holding ability.



6. LIMESTONE

Limestone is used to adjust a growing medium’s pH to an optimum range. It is also a source of calcium and magnesium.



BX GENERAL PURPOSE

PRO-MIX® BX is the solution for growers seeking to benefit from both the nutrient retention ability of vermiculite and a perlite content providing air porosity and drainage. Combined with high-quality fibrous peat moss, this formulation is ideal for growers looking for a general purpose medium which creates a well-balanced growing environment.

INGREDIENTS:

- Canadian Sphagnum peat moss (75-85% by volume)
- Perlite — horticultural grade
- Vermiculite — horticultural grade
- Calcitic and dolomitic limestone (pH adjuster)
- Wetting agent

CHOICE OF ACTIVE INGREDIENTS:

- BIOFUNGICIDE™ / BIOSTIMULANT + MYCORRHIZAE™
- MYCORRHIZAE™

BIOFUNGICIDE™ + MYCORRHIZAE™	BIOSTIMULANT* + MYCORRHIZAE™	MYCORRHIZAE™	REGULAR	SIZE	UNITS PER PALLET
1028500RG	1028700RG	10281RG	10280RG	2.8 cu. ft. Loose	57
1038500RG	1038700RG	10381RG	10380RG	3.8 cu. ft. Comp.	30
—	—	10551RG	10550RG	55 cu. ft. Comp.**	2
1080500RG	1080700RG	10801RG	10800RG	80 cu. ft. Loose	2
1135500RG	1135700RG	11351RG	11350RG	135 cu. ft. Comp.	1

*BIOSTIMULANT is only available in Canada. **West only.



LP15 MULTI-PURPOSE

Designed to provide good water retention and flexibility for multiple purposes, PRO-MIX® LP15 is a growing medium formulated with a blend of fibrous peat moss and coarse perlite. Combined with cutting-edge active ingredients, PRO-MIX® LP15 will meet your expectations.

INGREDIENTS:

- Canadian Sphagnum peat moss (80-90% by volume)
- Perlite — horticultural grade
- Calcitic and dolomitic limestone (pH adjuster)
- Wetting agent

CHOICE OF ACTIVE INGREDIENTS:

- BIOFUNGICIDE™ / BIOSTIMULANT + MYCORRHIZAE™
- MYCORRHIZAE™

BIOFUNGICIDE™ + MYCORRHIZAE™	BIOSTIMULANT* + MYCORRHIZAE™	MYCORRHIZAE™	REGULAR	SIZE	UNITS PER PALLET
6028500RG	6028700RG	60281RG	60280RG	2.8 cu. ft. Loose	57
6038500RG	6038700RG	60381RG	60380RG	3.8 cu. ft. Comp.	30
—	—	60551RG	60550RG	55 cu. ft. Comp.**	2
—	—	60801RG	60800RG	80 cu. ft. Loose	2
6135500RG	6135700RG	61351RG	61350RG	135 cu. ft. Comp.	1

*Biostimulant is only available in Canada. **West only. Some product sizes are available in generic bags.



HP

HIGH POROSITY

With its high perlite content, PRO-MIX® HP provides a porous environment for growers wanting high air porosity, low water retention and good drainage. The added benefit of fibrous peat moss and coarse perlite makes this formulation ideal for growers who require a superior-quality product adapted to their needs for watering flexibility and crop seasonality.

INGREDIENTS:

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

CHOICE OF ACTIVE INGREDIENTS:

- BIOFUNGICIDE™ / BIOSTIMULANT + MYCORRHIZAE™
- MYCORRHIZAE™

BIOFUNGICIDE™ + MYCORRHIZAE™	BIOSTIMULANT* + MYCORRHIZAE™	MYCORRHIZAE™	REGULAR	SIZE	UNITS PER PALLET
202850ORG	—	20281RG	—	2.8 cu. ft. Loose	57
203850ORG	2038700RG	20381RG	20380RG	3.8 cu. ft. Comp.	30
205550ORG	2055700RG	20551RG	—	55 cu. ft. Comp.**	2
208050ORG	2080700RG	20801RG	20280RG	80 cu. ft. Loose	2
213550ORG	2135700RG	21351RG	21350RG	135 cu. ft. Comp.	1

*BIOSTIMULANT is only available in Canada. **West only.



HPCC

HIGH POROSITY CHUNK COIR

For growers seeking high water retention, drainage and good air porosity, PRO-MIX® HPCC is the solution. A quality blend of fibrous peat moss, unique chunk coir and perlite. Chunk coir resists compaction and holds water for plant roots to access, combined with peat moss and perlite forming a growing medium that promotes plant growth and root development.

INGREDIENTS:

- Canadian Sphagnum peat moss (65-75% by volume)
- Chunk coir
- Perlite — horticultural grade
- Calcitic and dolomitic limestone (pH adjuster)
- Wetting agent

CHOICE OF ACTIVE INGREDIENTS:

- BIOFUNGICIDE™ / BIOSTIMULANT + MYCORRHIZAE™
- MYCORRHIZAE™

BIOFUNGICIDE™ + MYCORRHIZAE™	BIOSTIMULANT* + MYCORRHIZAE™	MYCORRHIZAE™	SIZE	UNITS PER PALLET
202853ORG	—	202813ORG	2.8 cu. ft. Loose	57
203853ORG	2038730RG	203813ORG	3.8 cu. ft. Comp.	30
205553ORG	2055730RG	205513ORG	55 cu. ft. Comp.**	2
208053ORG	2080730RG	208013ORG	80 cu. ft. Loose	2
213553ORG	2135730RG	213513ORG	135 cu. ft. Comp.	1

*BIOSTIMULANT is only available in Canada. **West only.



CC40

HIGH POROSITY CHUNK COIR

Discover a new generation of coir growing media with PRO-MIX® CC40 MYCORRHIZAE™. The unique structure of the chunk coir found in PRO-MIX® CC40 provides an optimized root zone environment for long-term crops, especially when crops are subjected to drought conditions. The optimum air porosity and high water retention qualities of this peat/chunk coir-based growing medium reduces irrigation requirements and costs for plants grown in hot, dry weather conditions. Suitable for large hanging baskets, combo planters, perennials and nursery crops.

INGREDIENTS:

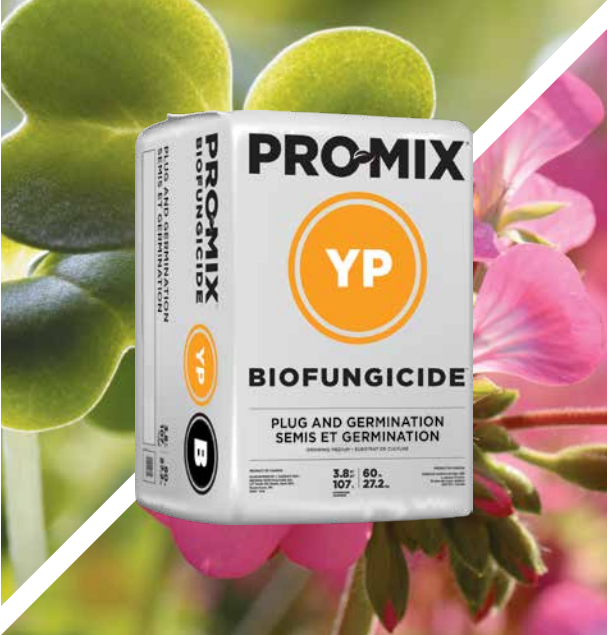
- Canadian Sphagnum peat moss (55-65% by volume)
- Chunk coir
- Calcitic and dolomitic limestone (pH adjuster)
- Wetting agent

ACTIVE INGREDIENT:

- MYCORRHIZAE™

MYCORRHIZAE™	SIZE	UNITS PER PALLET
902813ORG	2.8 cu. ft. Loose	57
903813ORG	3.8 cu. ft. Comp.	30
905513ORG	55 cu. ft. Comp.*	2
908013ORG	80 cu. ft. Comp.	1
913513ORG	135 cu. ft. Comp.	1

*West only.



YP

PLUG AND GERMINATION

PRO-MIX® YP is a specialized formulation for young plant production that is ideal for vacuum-formed or paper cells and other transplanting machines. Whether for cuttings, seeds or plugs, in medium to large-size cells, PRO-MIX® YP provides a root zone environment which supports healthy and strong early growth. Its precise blend, composed of fibrous blond Sphagnum peat moss, coir and perlite, provides resistance to compaction, yet it holds together adequately to maintain a sturdy fiber pot.

INGREDIENTS:

- Canadian Sphagnum peat moss - short fiber (45-55% by volume)
- Coir — horticultural grade
- Perlite — horticultural grade
- Calcitic and dolomitic limestone (pH adjuster)
- Wetting agent

CHOICE OF ACTIVE INGREDIENTS:

- BIOFUNGICIDE™ (US only)
- BIOSTIMULANT (Canada only)

BIOFUNGICIDE™	BIOSTIMULANT*	SIZE	UNITS PER PALLET
002822ORG	—	2.8 cu. ft. Loose	57
003822ORG	003832ORG	3.8 cu. ft. Comp.	30
008022ORG	008032ORG	80 cu. ft. Loose	2
013522ORG	013532ORG	135 cu. ft. Comp.	1

*BIOSTIMULANT is only available in Canada. Some product sizes are available in generic bags.



FPX

PLUG AND GERMINATION

Providing an optimized growing environment is fundamental, especially when it comes to plugs and seed germination. Quality plugs and seedlings are essential for the success of future crops. PRO-MIX® FPX BIOFUNGICIDE™ is well adapted for water-sensitive crops by providing low water retention levels and good air porosity for developing seedlings. BIOFUNGICIDE™ is included to suppress root pathogens (*Fusarium*, *Pythium* and *Rhizoctonia*) that cause root diseases.

INGREDIENTS:

- Canadian Sphagnum peat moss — short fiber (80-90% by volume)
- Perlite — plug grade
- Calcitic and dolomitic limestone (pH adjuster)
- Wetting agent

CHOICE OF ACTIVE INGREDIENTS:

- B** BIOFUNGICIDE™ (US only)
- S** BIOSTIMULANT (Canada only)

B BIOFUNGICIDE™	S BIOSTIMULANT*	SIZE	UNITS PER PALLET
40282RG	—	2.8 cu. ft. Loose	57
40382RG	40383RG	3.8 cu. ft. Comp.	30
40802RG	40803RG	80 cu. ft. Loose	2
41352RG	41353RG	135 cu. ft. Comp.	1

*BIOSTIMULANT is only available in Canada. Some product sizes are available in generic bags.



PGX

PLUG AND GERMINATION

Balance and precision are essential in horticulture, even more so at the beginning of a crop. PRO-MIX® PGX BIOFUNGICIDE™ is formulated with vermiculite for increased buffering capacity and nutrient retention, which are important at the early stages of plant growth. This carefully developed formulation optimizes plant growth by creating a root zone environment with high water retention and aeration that is well adapted for plug production and seed germination applications. BIOFUNGICIDE™ is included to suppress root pathogens (*Fusarium*, *Pythium* and *Rhizoctonia*) that cause root diseases.

INGREDIENTS:

- Canadian Sphagnum peat moss — short fiber (75-85% by volume)
- Vermiculite — plug grade
- Dolomitic and calcitic limestone (pH adjuster)
- Wetting agent

CHOICE OF ACTIVE INGREDIENTS:

- B** BIOFUNGICIDE™ (US only)
- S** BIOSTIMULANT (Canada only)

B BIOFUNGICIDE™	S BIOSTIMULANT*	SIZE	UNITS PER PALLET
30282RG	—	2.8 cu. ft. Loose	57
30382RG	30383RG	3.8 cu. ft. Comp.	30
31352RG	31353RG	135 cu. ft. Comp.	1

*BIOSTIMULANT is only available in Canada. Some product sizes are available in generic bags.



PG ORGANIK™

PLUG AND GERMINATION

PRO-MIX® PG ORGANIK™ is the perfect germination growing medium that addresses the specific requirements of organic growers for germination of vegetable and herb seeds. It contains fine coir, which easily absorbs water and provides structure for air porosity that is essential for successful seed germination. PRO-MIX® PG ORGANIK™ offers the possibility of a perfect start in the very demanding production of organic products.

THIS PRODUCT IS OMRI LISTED AND QUÉBEC VRAI CERTIFIED. For more information, visit omri.org or quebecvrai.org

INGREDIENTS:

- Canadian Sphagnum peat moss — short fiber (60-70% by volume)
- Coir — horticultural grade
- Vermiculite — plug grade
- Calcitic limestone (pH adjuster)
- Organic wetting agent



REGULAR	SIZE	UNITS PER PALLET
3028023RG	2.8 cu. ft. Loose	57
3038023RG	3.8 cu. ft. Comp.	30



MP ORGANIK™

MULTI-PURPOSE

PRO-MIX® MP ORGANIK™ provides the perfect solution for growers in need of a growing medium certified for organic use that delivers well-balanced air/water qualities. This formulation is ideal for a variety of growing uses and is designed to meet crop requirements for certified organic growers. Enriched with active ingredients, this growing medium will not only improve the overall growth and yields of your crops, it will also increase your plants' resistance to environmental stresses and suppress root pathogens (*Fusarium*, *Pythium* and *Rhizoctonia*) that cause root diseases.

THIS PRODUCT IS OMRI LISTED AND QUÉBEC VRAI CERTIFIED. For more information, visit omri.org or quebecvrai.org

INGREDIENTS:

- Canadian Sphagnum peat moss (60-70% by volume)
- Coir — horticultural grade
- Perlite — horticultural grade
- Calcitic limestone (pH adjuster)
- Organic wetting agent

CHOICE OF ACTIVE INGREDIENTS:

- +** BIOFUNGICIDE™ / BIOSTIMULANT + MYCORRHIZAE™
- M** MYCORRHIZAE™



+ BIOFUNGICIDE™ + MYCORRHIZAE™	+ BIOSTIMULANT* + MYCORRHIZAE™	M MYCORRHIZAE™	SIZE	UNITS PER PALLET
8028503RG	8028703RG	8028103RG	2.8 cu. ft. Loose	57
8038503RG	8038703RG	8038103RG	3.8 cu. ft. Comp.	30
8055503RG	8055703RG	8055103RG	55 cu. ft. Comp.**	2
8080503RG	8080703RG	8080103RG	80 cu. ft. Loose	2
8135503RG	8135703RG	8135103RG	135 cu. ft. Comp.***	1

*BIOSTIMULANT is only available in Canada. **West only. *** Not available in West.



BRK20

MEDIUM WATER RETENTION

PRO-MIX® BRK20 is a medium-weight growing medium that offers flexibility for growers. Combining the qualities of processed pine bark, professional-grade Sphagnum peat moss and perlite, PRO-MIX® BRK20 creates a favorable root zone environment that is suitable for greenhouse and perennial crops grown in medium-size containers.

INGREDIENTS:

- Canadian Sphagnum peat moss (60-70% by volume)
- Processed red pine bark (15-25% by volume) coarse — screened at 1/2”
- Perlite — horticultural grade
- Calcitic and dolomitic limestone (pH adjuster)
- Wetting agent

CHOICE OF ACTIVE INGREDIENTS:

-  BIOFUNGICIDE™ / BIOSTIMULANT + MYCORRHIZAE™
-  MYCORRHIZAE™

 BIOFUNGICIDE™ + MYCORRHIZAE™	 BIOSTIMULANT* + MYCORRHIZAE™	 MYCORRHIZAE™	REGULAR	SIZE	UNITS PER PALLET
5028540RG	—	50281RGLB	50280RGLB	2.8 cu. ft. Loose	48
5060540RG	5060740RG	—	50600RGLB	60 cu. ft. Loose	2

*BIOSTIMULANT is only available in Canada.



BRK

LOW WATER RETENTION

Formulated with a base of Sphagnum peat moss, processed pine bark and coarse perlite, PRO-MIX® BRK is well suited for growers who require low water retention and frequent dry down periods for their crops. Ideal for outdoor growing conditions subject to variable weather conditions and challenging growing environments. PRO-MIX® BRK is a carefully designed for high container stability and consistent, predictable results.

INGREDIENTS:

- Canadian Sphagnum peat moss (40-50% by volume)
- Processed red pine bark (35-45% by volume) coarse — screened at 1/2”
- Perlite — horticultural grade
- Calcitic and dolomitic limestone (pH adjuster)
- Wetting agent

CHOICE OF ACTIVE INGREDIENTS:

-  BIOFUNGICIDE™ / BIOSTIMULANT + MYCORRHIZAE™
-  MYCORRHIZAE™

 BIOFUNGICIDE™ + MYCORRHIZAE™	 BIOSTIMULANT* + MYCORRHIZAE™	 MYCORRHIZAE™	REGULAR	SIZE	UNITS PER PALLET
5028500RG	—	50281RG	50280RG	2.8 cu. ft. Loose	48
5060500RG	5060700RG	50601RG	50600RG	60 cu. ft. Loose	2

*BIOSTIMULANT is only available in Canada.



BK25

MEDIUM WATER RETENTION

EXCLUSIVE TO EASTERN UNITED STATES

PRO-MIX® BK25 is a medium-weight growing medium designed for the cultivation of greenhouse horticultural crops. The combination of processed pine bark, Sphagnum peat moss and perlite makes for a general purpose product that provides good drainage and medium water retention capacity.

INGREDIENTS:

- Canadian Sphagnum peat moss (50-60% by volume)
- Processed southern pine bark (20-30% by volume) medium screened at 3/8”
- Perlite — horticultural grade
- Dolomitic limestone (pH adjuster)
- Wetting agent

ACTIVE INGREDIENT:

-  MYCORRHIZAE™

 MYCORRHIZAE™	REGULAR*	SIZE	UNITS PER PALLET
5028125RG	5028025RG	2.8 cu. ft. Loose	48
5060125RG	5060025RG	60 cu. ft. Loose	2

*Available in bulk.



BK55

LOW WATER RETENTION

EXCLUSIVE TO EASTERN UNITED STATES

PRO-MIX® BK55 is a medium-weight growing medium designed for the cultivation of long-term greenhouse crops and perennials grown outdoors. The combination of processed pine bark, Sphagnum peat moss and perlite makes for a good air/water balance. The high percentage of bark adds weight, which is perfect for growers looking for container stability.

INGREDIENTS:

- Processed southern pine bark (50-60% by volume) coarse — screened at 1/2”
- Canadian Sphagnum peat moss (25-35% by volume)
- Perlite — horticultural grade
- Dolomitic limestone (pH adjuster)
- Wetting agent

ACTIVE INGREDIENT:

-  MYCORRHIZAE™

 MYCORRHIZAE™	REGULAR*	SIZE	UNITS PER PALLET
5028155RG	5028055RG	2.8 cu. ft. Loose	42
5060155RG	5060055RG	60 cu. ft. Loose	2

*Available in bulk.

⦿ Some product sizes are available in generic bags.



BK25-V

MEDIUM WEIGHT, HIGH WATER RETENTION

EXCLUSIVE TO EASTERN UNITED STATES

PRO-MIX® BK25-V is designed for cultivation of a wide variety of greenhouse crops in bedding trays, pots or hanging baskets. The combination of Sphagnum peat moss, vermiculite and processed southern pine bark makes for a medium-weight, general purpose growing medium.

INGREDIENTS:

- Canadian Sphagnum peat moss (35-45% by volume)
- Vermiculite — horticultural grade
- Processed pine bark — screened at ¾”
- Dolomitic limestone (pH adjuster)
- Wetting agent

ACTIVE INGREDIENT:

 MYCORRHIZAE™

 MYCORRHIZAE™	REGULAR*	SIZE	UNITS PER PALLET
5028025RGVE	5028025RGVE	2.8 cu. ft. Loose	48
5060025RGVE	5060025RGVE	60 cu. ft. Loose	2

*Available in bulk.  Some product sizes are available in generic bags.



BK45-V

MEDIUM WATER RETENTION

EXCLUSIVE TO EASTERN UNITED STATES

PRO-MIX® BK45-V is a medium-weight, medium-coarse textured growing medium designed for cultivation of a wide variety of greenhouse and perennial crops in medium and large containers. The combination of coarse textured, processed southern pine bark, Sphagnum peat moss and vermiculite provides a porous, general purpose growing medium.


INGREDIENTS:

- Processed pine bark (40-50% by volume) screened at ¾”
- Canadian Sphagnum peat moss (35-45% by volume)
- Vermiculite — horticultural grade
- Dolomitic limestone (pH adjuster)
- Wetting agent)

ACTIVE INGREDIENT:

 MYCORRHIZAE™

 MYCORRHIZAE™	REGULAR*	SIZE	UNITS PER PALLET
5028045RGVE	5028045RGVE	2.8 cu. ft. Loose	42
5060045RGVE	5060045RGVE	60 cu. ft. Loose	2

*Available in bulk.  Some product sizes are available in generic bags.



NCX

MULTI-PURPOSE

EXCLUSIVE TO EASTERN UNITED STATES

PRO-MIX® NCX is a heavy-weight general purpose growing medium for the cultivation of nursery crops and perennials grown outdoors. The combination of processed southern pine bark and Sphagnum peat moss provides excellent drainage and high container stability.

INGREDIENTS:

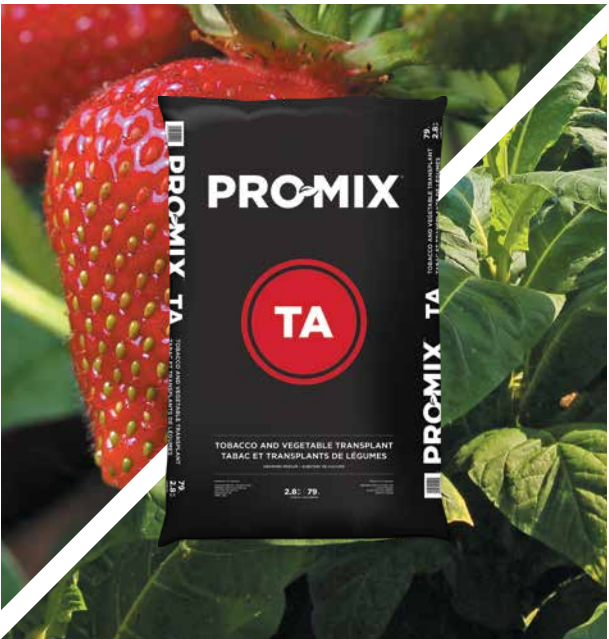
- Processed pine bark (80-90% by volume) coarse - screened at ½”
- Canadian Sphagnum peat moss (10-20 % by volume)
- Dolomitic limestone (pH adjuster)

ACTIVE INGREDIENT:

 MYCORRHIZAE™

 MYCORRHIZAE™	REGULAR*	SIZE	UNITS PER PALLET
5045185RG	5045085RG	45 cu. ft. Loose	2

*Available in bulk.



TA

TOBACCO AND AGRICULTURE TRANSPLANT

PRO-MIX® TA is a short-fibered peat-based growing medium for the culture of tobacco and vegetable transplants. It is fine-textured for use with trays/flats with subirrigated float systems and conventional irrigation methods. PRO-MIX® TA is light-weight and uniform to provide the conditions necessary to establish plant growth.

INGREDIENTS:

- Canadian Sphagnum peat moss — short fiber (80-90% by volume)
- Vermiculite — plug grade
- Calcitic and dolomitic limestone (pH adjuster)
- Wetting agent

REGULAR*	SIZE	UNITS PER PALLET
70280RG	2.8 cu. ft. Loose	57

* Not available in West.



PRO-MOSS® TBK / FINE PEAT MOSS

All of our professional peat moss has been selected under very specific and unique procedures which have ensured the consistency of PRO-MOSS® products year after year, bag after bag.

PRO-MOSS® TBK

PRO-MOSS® TBK is made of select long-fibered blond Sphagnum peat moss for general commercial use. It provides a high degree of water retention and air porosity for a wide range of applications.

INGREDIENT:

Select long-fibered blond Sphagnum peat moss

PRO-MOSS® FINE

PRO-MOSS® FINE is made of select short-fibered blond Sphagnum peat moss for seeding applications. It is specially processed to be used in the propagation of small-cell forestry seedlings, in the construction of golf greens/tees, and as a major component of germination media.

INGREDIENT:

Select short-fibered blond Sphagnum peat moss

TBK	FINE	SIZE	UNITS PER PALLET
0060P	0061P	3.8 cu. ft. Loose	30
0010P	0011P	55 cu. ft. Comp.	2
0210P	0211P	135 cu. ft. Comp.	1

MEGA PACKAGES

MEGA SIZE

PRO-MIX® offers large package options for the most efficient handling of professional growing media, at very competitive prices. Benefit from reduced labor costs, greater storage space, more efficient handling and less plastic/pallet waste!

MEGA BALE

The MEGA BALE is a 135 cu. ft. compressed bale, the largest package size on the market. It is a sealed plastic package that is airtight and waterproof to protect contents.

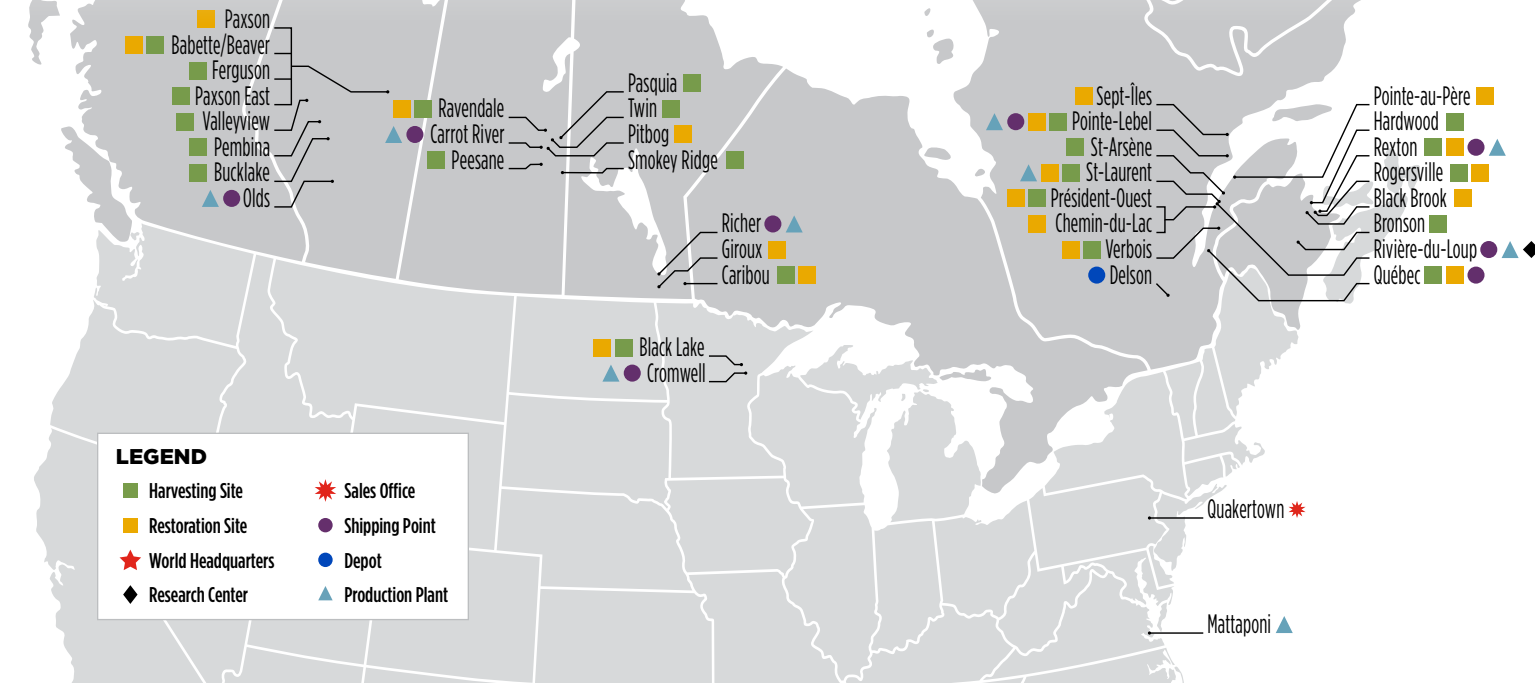
NEW – 110 cu. ft. size available. Ask to your sales representative for more information.

ADVANTAGES

- Consistent, predictable yield
- Maximum protection from external contaminants
- Less storage area required
- 22 % less material handling vs. average competitive packages
- Yielding up to 5,500 cu. ft. of growing medium material per truckload
- Less plastic waste and reduced pallet disposal



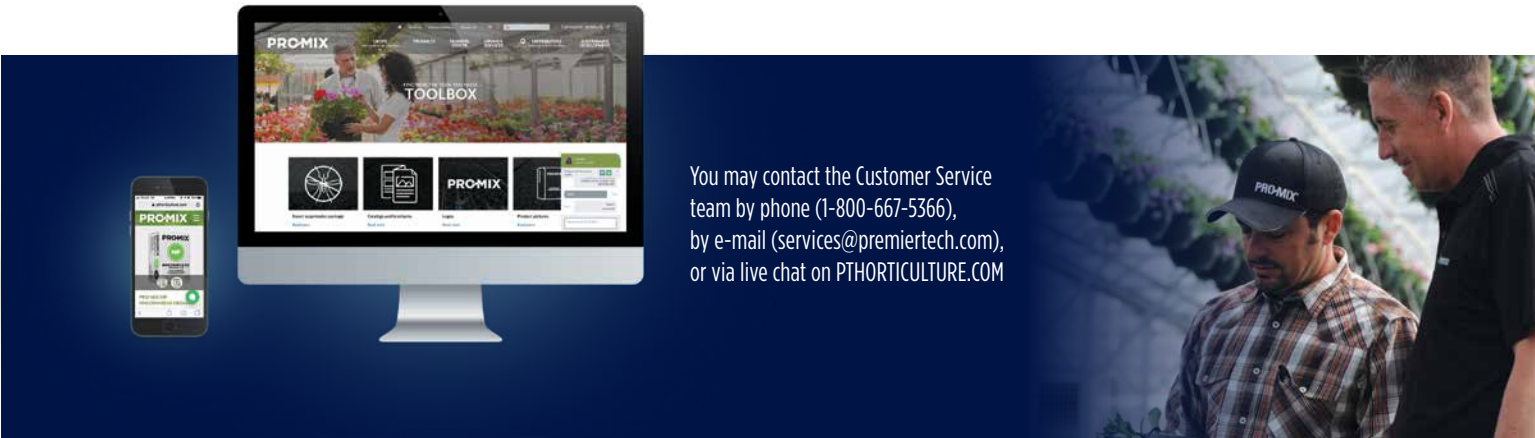
OPERATIONS



SERVICES & TOOLS

PRO-MIX® is more than just products. We offer complete solutions and support from our teams: Grower Services, Customer Service, and sales representatives. In addition, online tools give you access to resources at any time.

- Our **GROWER SERVICES** team provides professional growers with technical support, interpretation of analyses, and production guidelines. Every aspect of commercial greenhouse and nursery production is covered so you can be certain to get the most out of your PRO-MIX® products.
- Our **SALES REPRESENTATIVES** across North America can share their passion and knowledge and help you get the right products for your operations.
- Our **CUSTOMER SERVICE** offers support in English, French and Spanish. They are passionate and committed to create the best possible customer experience.
- **ONLINE TOOLS** are constantly evolving to help you find distributors or product information, calculate your ROI, or even help distributors with the marketing of our products. You'll find catalogues, logos, safety data sheets, efficacy reports, and more!



POTTING GUIDE



PRO-MIX® FRUIT & VEGETABLE PLUG TRAY AND CONTAINER FILLING GUIDE

CATEGORY	DESCRIPTION OF CELLS/ TRAY/POTS	VOLUME/CELL (CC)	VOLUME/CELL (CU.IN.)	VOLUME/TRAY (CC)	VOLUME/TRAY (CU.IN.)	PLUG TRAYS/CONTAINERS FILLED PER PACKAGE SIZE				
						2.8 CU.FT.	3.8 CU.FT.	80 CU.FT.	110 CU.FT.	135 CU.FT.
						LOOSE FILL BAG	COMP.BALE	LOOSE FILL BAG	COMP.BALE	COMP.BALE
PLUG TRAYS	50	33.0	5.1	1,650	255	18	45	542	1,311	1,609
	72	27.0	4.2	1,944	300	15	38	461	1,115	1,368
	72D *	16.5	2.6	1,188	185	25	62	747	1,807	2,218
	98	11.0	1.7	1,078	170	27	68	813	1,967	2,414
	105	9.5	1.5	998	155	30	74	892	2,158	2,648
	128	11.0	1.7	1,408	218	21	53	634	1,534	1,883
	200	5.5	0.9	1,100	170	27	68	813	1,967	2,414
	288	2.7	0.4	778	120	38	96	1,152	2,787	3,420
	288 D	4.0	0.6	1,152	180	26	64	768	1,858	2,280
	406	2.0	0.3	812	118	39	97	1,172	2,834	3,478
	512	1.5	0.2	768	120	38	96	1,152	2,787	3,420
VEGETABLE TRANSPLANT TRAYS **	192	24.0	3.7	4,608	713	6	16	194	469	575
	234	22.0	3.4	5,148	797	6	14	173	420	515
	310	12.0	1.9	3,720	576	8	20	240	581	713
	341	16.0	2.5	5,456	845	5	14	164	396	486
	456	11.0	1.7	5,016	776	6	15	178	431	529
TOBACCO TRANSPLANT TRAYS ***	200	27.0	4.2	5,400	836	5	14	165	400	491
	242	23.5	3.6	5,687	880	5	13	157	380	466
	253	16.0	2.5	4,048	627	7	18	221	534	655
	288	17.0	2.6	4,896	758	6	15	182	442	542
	338	8.6	1.3	2,907	450	10	26	307	743	912
	338D *	11.2	1.7	3,786	586	8	20	236	570	700
	392	13.6	2.1	5,331	825	6	14	168	405	497
ROUND POTS	4	4	2.5	0.46 L	28	164	410	4,937	11,943	14,657
	6	6	2.75	1.84 L	112	41	103	1,234	2,985	3,664
	8	8	6.75	3.79 L	231	20	50	598	1,448	1,777
SQ POTS	4	4	3.5	0.64 L	39	118	295	3,545	8,574	10,523
CONTAINERS	1 gal.	—	—	4.4 L	268	17.1	42.9	516	1,247	1,531
	3 gal.	—	—	13.2 L	804	5.7	14.3	172	416	510
	5 gal.	—	—	22 L	1,340	3.4	8.6	103	249	306
	15 gal.	—	—	66 L	4,020	1.1	2.9	34	83	102
FABRIC POTS	1 gal.	—	—	4.4 L	268	17.1	42.9	516	1,247	1,531
	3 gal.	—	—	13.2 L	804	5.7	14.3	172	416	510
	5 gal.	—	—	22 L	1,340	3.4	8.6	103	249	306
	7 gal.	—	—	30.7 L	1,876	2.4	6.1	74	178	219
	15 gal.	—	—	65.9 L	4,020	1.1	2.9	34	83	102
	20 gal.	—	—	87.3 L	5,360	0.9	2.1	26	63	77
STRAWBERRY CONTAINERS		half meter bato trough		8 L	488	9	24	283	685	841
		one meter trough		16 L	976	5	12	142	342	420

* 'D' designates deep tray ** Vegetable trays are injection molded. *** The outside dimensions of tobacco float trays are approximately 13½” x 26¼”.

Important Note: Please keep in mind that the figures and calculations presented here are approximate. All growing media will vary in volume, depending on the composition, the way in which they are prepared and the tray filling method used.



PRO-MIX® ORNAMENTAL CONTAINER FILLING GUIDE

DESCRIPTION	DIMENSIONS (INCH)			VOLUME (CU. IN.)	NUMBER OF POTS FILLED							
	SIZE	TOP	HEIGHT		1 CU. FT.	2.8 CU .FT. LOOSE	3.8 CU. FT. COMP.	55 CU. FT. COMP.	60 CU. FT. LOOSE	80 CU. FT. LOOSE	110 CU. FT. COMP.	135 CU. FT. COMP.
BEDDING TRAYS - CELL PACKS (TRUE SERIES INSERT)	606	10 x 20	3 ¼	323	5	15	37	535	321	428	1,089	1,337
	804	10 x 20	2 ¾	316	5	15	38	547	328	437	1,114	1,367
	806	10 x 20	2 ¾	281	6	17	43	615	369	492	1,252	1,537
	1004	10 x 20	2 ¾	292	6	17	41	592	355	473	1,205	1,479
	1201	10 x 20	2 ¾	359	5	13	34	481	289	385	980	1,203
	1203	10 x 20	2 ½	320	5	15	38	540	324	432	1,100	1,350
	1204	10 x 20	2 ¼	264	7	18	46	655	393	524	1,333	1,636
	1206	10 x 20	2 ¾	238	7	20	51	726	436	581	1,479	1,815
	1801	10 x 20	3 ½	398	4	12	30	434	261	347	884	1,085
	1803	10 x 20	2 ¾	217	8	22	56	796	478	637	1,622	1,991
STANDARD POTS	3 "	3	2 ¾	14	123	346	864	12,343	7,406	9,874	25,143	30,857
	3.5 "	3 ½	3	20	86	242	605	8,640	5,184	6,912	17,600	21,600
	4 "	4	3 ½	28	62	173	432	6,171	3,703	4,937	12,572	15,429
	4.5 "	4 ½	3 ¾	40	43	121	302	4,320	2,592	3,456	8,800	10,800
	5 "	5	5	66	26	73	183	2,618	1,571	2,095	5,333	6,545
	6 "	6	5 ¾	112	15	43	108	1,543	926	1,234	3,143	3,857
	8 "	8	6 ¾	231	7	21	52	748	449	598	1,524	1,870
HANGING BASKETS	8 "	8 ¾	5 ½	178	10	27	68	971	582	777	1,978	2,427
	10 "	10 ¾	6 ¾	329	5	15	37	525	315	420	1,070	1,313
	11 "	10 ⅞	6 ½	400	4	12	30	432	259	346	880	1,080
	12 "	12 ¾	7 ½	550	3	9	22	314	189	251	640	785
PERENNIAL & NURSERY CONTAINERS	3.5 "sq	3 ½	4	34	51	142	356	5,082	3,049	4,066	10,353	12,706
	4.5 "sq	4 ½	5	58	30	83	209	2,979	1,788	2,383	6,069	7,448
	5.5 "sq	5 ¾	6 ⅞	124	14	39	98	1,394	836	1,115	2,839	3,484
	Trade #1	6 ½	5 ⅞	166	10	29	73	1,041	625	833	2,120	2,602
	Trade #3	10 ¼	9 ⅞	597	3	8	20	289	174	232	590	724
	Trade #5	11	12 ¼	868	2	6	14	199	119	159	406	498
	1 quart	4 ½	4 ½	55	31	88	220	3,142	1,885	2,513	6,400	7,855
	1 gal	6 ¼	6 ⅞	146	12	33	83	1,184	710	947	2,411	2,959
	300	6 ½	7	173	10	28	70	997	598	798	2,032	2,494
	600	8 ½	8 ½	462	4	10	26	374	224	299	762	935
	1200	11	9 ⅞	692	2	7	17	250	150	200	508	624

TOOL AT YOUR DISPOSAL

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BIOFUNGICIDE™ / BIOSTIMULANT Calculator



BIO. + MYCO Calculator



Make Your Own Mix Cost Calculator



Potting Guides



* Products with BIOSTIMULANT are only available in Canada.

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World Headquarters
1, avenue Premier
Campus Premier Tech
Rivière-du-Loup (Québec)
G5R 6C1 CANADA
Fax: 418 862-6642

Regional Office
200 Kelly Rd, Unit E-1
Quakertown, PA 18951
Tel.: 1 800 525-2553
Fax: 215 529-1288



PTHORTICULTURE.COM

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

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