

PROMIX[®]



2024 · 2025

PROFESSIONAL PRODUCT CATALOG

PRO-MIX®

WITH
AGTIV®
TECHNOLOGIES

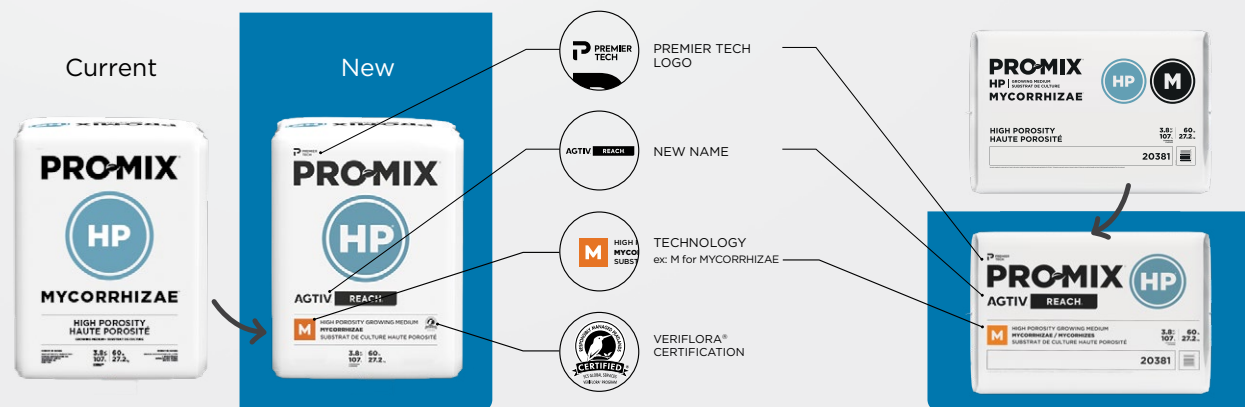
STRONGER TOGETHER

Premier Tech Growers and Consumers is introducing the new AGTIV® technological co-brand for PRO-MIX® professional growing media that brings a new level of clarity to our products' effects on plants.

SAME PRODUCTS. SAME EFFICACY. SAME PRO-MIX®.

New product names and packaging will be gradually introduced throughout the year.

Here are the changes you will see:



CURRENT
PRO-MIX® HP®
MYCORRHIZAE™

NEW
PRO-MIX® HP®
AGTIV® REACH™

[LEARN MORE](#)



PRO-MIX® COMPARATIVE CHART

	FORMULATION	TECHNOLOGIES			RECOMMENDED CONTAINER SIZE	PRIMARY INGREDIENTS		TEXTURE	MOISTURE RETENTION	WEIGHT	PAGE
		+	B	M		SPHAGNUM PEAT MOSS	PROCESSED PINE BARK				
GENERAL-PURPOSE	BX	✓		✓	cell packs to hanging baskets	75-85%		M	MH	L	6
	MPX			✓	cell packs to hanging baskets	85-95%		M	H	L	6
HIGH POROSITY	HP®	✓		✓	large cell packs to large pots	65-75%		C	L	L	7
	HPCC*	✓		✓	4" and larger	65-75%		C	H	L	7
PLUG AND GERMINATION	FPX		✓		plug and seeding trays	80-90%		F	MH	L	8
ORGANIC GROWING	FPO		✓		plug and seeding trays	60-70%		F	M	L	8
	MPO*	✓		✓	cell packs and larger	60-70%		M	H	L	9
	HPO	✓			large cell packs to large pots	55-65%		C	L	L	9
PEAT/BARK-BASED MEDIA WITH PERLITE	BK	✓		✓	large cell packs, small pots to hanging baskets	60-70%	20-25%	MC	M	M	10
	BKI*	✓		✓	4" and larger	40-50%	35-45%	C	ML	H	10
	BKH* *			✓	6" and larger	25-35%	50-60%	C	L	H	11

LEGEND

TECHNOLOGIES

AGTIV FORTIFY + BACILLUS + MYCORRHIZAE
AGTIV DEFEND B BACILLUS
AGTIV REACH M MYCORRHIZAE

TEXTURE

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

MOISTURE RETENTION/WEIGHT

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

APPROVED FOR ORGANIC USE



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. 110 cu. ft. size available in Eastern US.

* Product only available in Eastern US.

* Some product sizes are available in generic bags.



[CALCULATE THE AMOUNT YOU NEED](#)



[ASK YOUR SALES REPRESENTATIVE FOR MORE INFORMATION.](#)

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[®] with AGTIV[®]** for higher crop yields, improved quality, and extended shelf life, while reducing costs by minimizing drenches and optimizing fertilizer use.

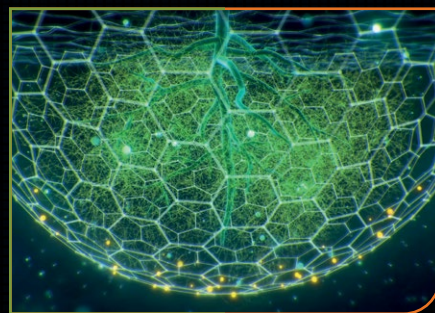
AGTIV FORTIFY

AGTIV[®] FORTIFY™ PROTECTS THE ROOT SYSTEM WITH AN EXPANDED BARRIER AGAINST PATHOGENS* AND IMPROVES NUTRIENT AND WATER ABSORPTION THANKS TO **BACILLUS & MYCORRHIZAE**

+ BACILLUS + MYCORRHIZAE

PTB297 + PTB180 Technologies

- ++ Forms a protective physical barrier around the expanded root system
- ++ Protects plants against pathogens and reduces disease incidence*
- ++ Boosts plant growth and productivity



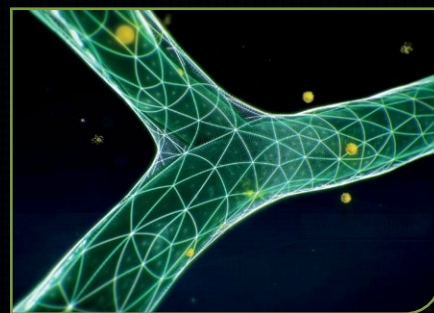
AGTIV DEFEND

AGTIV[®] DEFEND™ GIVES PLANTS PROTECTION AGAINST ROOT PATHOGENS* THANKS TO **BACILLUS**

B BACILLUS

PTB180 Technology, *Bacillus pumilus*

- + Forms a protective barrier around the roots
- + Reduces the incidence of root diseases*
- + Increases plant survival and health



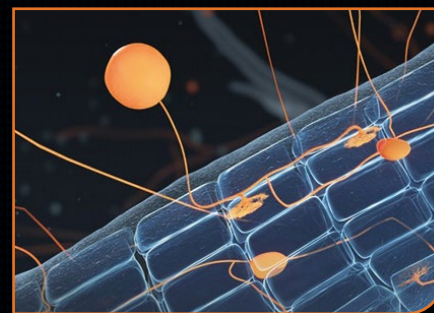
AGTIV REACH

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 FORTIFY™
TECHNOLOGY



LEARN MORE ABOUT
AGTIV DEFEND™
TECHNOLOGY



LEARN MORE ABOUT
AGTIV REACH™
TECHNOLOGY

*Suppresses root diseases caused by specific pathogens (such as *Fusarium*, *Pythium* and *Rhizoctonia*), and also suppresses fungus gnats and thrips.



BX

GENERAL-PURPOSE

PRO-MIX® BX is a general-purpose, peat-based growing medium that is formulated with a base of high-quality Sphagnum peat moss and perlite. This blend creates a **well-balanced environment to encourage root development and favor plant growth.**

INGREDIENTS:

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

AGTIV REACH

SIZE	UNITS PER PALLET	REGULAR	M MYCORRHIZAE	+ BIOFUNGICIDE + MYCORRHIZAE
2.8 cu. ft. Loose	57	10280RG	10281RG	1028500RG
3.8 cu. ft. Comp.	30	10380RG	10381RG	1038500RG
80 cu. ft. Loose	2	10800RG	10801RG	1080500RG
135 cu. ft. Comp.	1	11350RG	11351RG	1135500RG



See product web page



HP

HIGH POROSITY

PRO-MIX® HP® is perfect for growers requiring a growing medium with **good drainage, high air porosity and low water retention.** The combination of fibrous Sphagnum peat moss and a high percentage of coarse perlite makes this formulation ideal for growers who need a growing medium that is **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 adjustment)
- Wetting agent

AGTIV REACH

SIZE	UNITS PER PALLET	M MYCORRHIZAE	+ BIOFUNGICIDE + MYCORRHIZAE
2.8 cu. ft. Loose	57	20281RG	2028500RG
3.8 cu. ft. Comp.	30	20381RG	2038500RG
80 cu. ft. Loose	2	20801RG	2080500RG
135 cu. ft. Comp.	1	21351RG	2135500RG



See product web page



MPX

MULTI-PURPOSE

PRO-MIX® MPX is a multi-purpose, peat-based growing medium that combines high-quality Sphagnum peat moss and a low percentage of perlite. This combination forms a growing medium with **high water retention that reduces the need for frequent irrigation and promotes water conservation.**

INGREDIENTS:

- Canadian Sphagnum peat moss (85-95% by volume)
- Perlite — horticultural grade
- Calcitic and dolomitic limestone (pH adjustment)
- Wetting agent

AGTIV REACH

SIZE	UNITS PER PALLET	M MYCORRHIZAE
2.8 cu. ft. Loose	57	80281RG
3.8 cu. ft. Comp.	30	80381RG
80 cu. ft. Loose	2	80801RG
135 cu. ft. Comp.	1	81351RG



See product web page



HPCC

HIGH POROSITY CHUNK COIR

When seeking the **ideal balance between air porosity, drainage and water retention**, growers select PRO-MIX® HPCC to **optimize the quality of their hanging baskets, large containers, and long-term crops.** With unique chunk coir and carefully selected fibrous Sphagnum peat moss, this formulation provides qualities that promote plant growth and root development.

INGREDIENTS:

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

AGTIV REACH

SIZE	UNITS PER PALLET	M MYCORRHIZAE	+ BIOFUNGICIDE + MYCORRHIZAE
2.8 cu. ft. Loose	57	2028130RG	2028530RG
3.8 cu. ft. Comp.	30	2038130RG	2038530RG
80 cu. ft. Loose	2	2080130RG	2080530RG
135 cu. ft. Comp.	1	2135130RG	2135530RG



See product web page

• Some product sizes are available in generic bags.



FPX

PLUG AND GERMINATION

Providing an **optimized growing environment** is fundamental, especially when it comes to germinating seeds, plug production and rooting of young plants where it will define future productivity levels. PRO-MIX® FPX is well adapted to **encourage uniform seed germination and young plant development.**

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

AGTIV DEFEND

SIZE	UNITS PER PALLET	B BACILLUS
2.8 cu. ft. Loose	57	40282RG
3.8 cu. ft. Comp.	30	40382RG
80 cu. ft. Loose	2	40802RG
135 cu. ft. Comp.	1	41352RG



See product web page



MPO

FOR ORGANIC USE

MULTI-PURPOSE

PRO-MIX® MPO provides the perfect solution for growers in need of a growing medium **approved for organic use** that delivers **well-balanced air/water properties.** **OMRI Listed**, this formulation is ideal for a variety of growing applications and meets crop requirements for certified organic growers.

- 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.*



AGTIV REACH

SIZE	UNITS PER PALLET	M MYCORRHIZAE	+ BACILLUS + MYCORRHIZAE
2.8 cu. ft. Loose	57	8028103RG	8028503RG
3.8 cu. ft. Comp.	30	8038103RG	8038503RG
80 cu. ft. Loose	2	-	8080503RG
135 cu. ft. Comp.	1	8135103RG	8135503RG



See product web page

* Some product sizes are available in generic bags.
 * PRO-MIX® MPO AGTIV® REACH™ and PRO-MIX® MPO AGTIV® FORTIFY™ are OMRI Listed (previously named PRO-MIX® MP ORGANIK™ MYCORRHIZAE™ and PRO-MIX® MP BIOFUNGICIDE™ + MYCORRHIZAE™).
 PRO-MIX® MP ORGANIK™ MYCORRHIZAE™ and PRO-MIX® MP BIOFUNGICIDE™ + MYCORRHIZAE™ are registered organic input materials by CDFA.



FPO

FOR ORGANIC USE

PLUG AND GERMINATION

PRO-MIX® FPO is a fine-grade, peat/coir-based growing medium with fine perlite that is ideal for the **germination of herbs and vegetable seeds.** Its physical properties provide favorable conditions to **optimize seedling development** and this product is **OMRI Listed** for organic use.

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

Eligible for organic use.*



AGTIV DEFEND

SIZE	UNITS PER PALLET	REGULAR	B BACILLUS
3.8 cu. ft. Comp.	30	4038023RG	4038223RG
55 cu. ft. Comp.	2	4055023RG	-
135 cu. ft. Comp.	1	4135023RG	4135223RG



See product web page

* PRO-MIX® FPO and PRO-MIX® FPO AGTIV® DEFEND™ are OMRI Listed and are registered organic input materials by CDFA.



HPO

FOR ORGANIC USE

HIGH POROSITY

PRO-MIX® HPO is a growing media approved for **organic use** that offers **low water retention and high air porosity.** It's the PRO-MIX® HP® growing medium you love, adapted for organic growing. **OMRI Listed**, this formulation is ideal for a variety of growing applications and meets crop requirements for certified organic growers.

- 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.*



AGTIV FORTIFY

SIZE	UNITS PER PALLET	+ BACILLUS + MYCORRHIZAE
3.8 cu. ft. Comp.	30	2038523RG



See product web page

* PRO-MIX® HPO FORTIFY™ is OMRI Listed.



BK (previously named BRK20 and BK25)

MEDIUM WATER RETENTION

PRO-MIX® BK is a medium-weight growing medium designed for the cultivation of **horticultural crops in 4" pots or larger**. The combination of processed pine bark, Sphagnum peat moss and perlite makes for a **general-purpose** growing medium with **good drainage and medium water retention**.

- INGREDIENTS:**
- Canadian Sphagnum peat moss (60-70% by volume)
 - Processed pine bark (20-25% by volume) coarse — screened at 1/2"
 - Perlite — horticultural grade
 - Calcitic and dolomitic limestone (pH adjustment)
 - Wetting agent



See product web page

	SIZE	UNITS PER PALLET	AGTIV REACH		PRO-MIX® BRK20
			REGULAR*	M MYCORRHIZAE	+ BIOFUNGICIDE + MYCORRHIZAE
CURRENT CODE	2.8 cu. ft. Loose	48	50280RGLB** 5028025RG***	50281RGLB** 5028125RG***	5028540RG
	60 cu. ft. Loose	2	50600RGLB** 5060025RG***	5060125RG***	5060540RG
NEW CODE	2.8 cu. ft. Loose	48	5028025RG** 5028025RGUS***	5028125RG** 5028125RGUS***	5028525RG
	60 cu. ft. Loose	2	5060025RG** 5060025RGUS***	5060125RGUS***	5060525RG

* Available in bulk in Eastern US. ** Product made in Canada *** Product made in USA.

AGTIV REACH



INOCULANTS DESIGNED FOR PROFESSIONALS

AGTIV® REACH™ inoculants*, whether used in greenhouses, nurseries, during planting, or for landscape maintenance, promote robust plant establishment and enhance survival rates by significantly improving water and nutrient absorption.

TRANSPLANTATION | INCORPORATION INTO GROWING MEDIA | LAWN AND TREE CARE



See our inoculants

* Product availability may vary depending on the territory.



BKI (previously named BRK)

LOW WATER RETENTION

PRO-MIX® BKI is a medium-weight growing medium designed for the cultivation of horticultural crops grown in **medium to large containers**. Its high percentage of processed pine bark, Sphagnum peat moss and perlite makes it ideal for growers who need **frequent dry-down periods and medium/low water retention**, especially when growing crops outdoors in a changing environment.

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



See product web page

	SIZE	UNITS PER PALLET	AGTIV REACH		PRO-MIX® BRK
			REGULAR	M MYCORRHIZAE	+ BIOFUNGICIDE + MYCORRHIZAE
CURRENT CODE	2.8 cu. ft. Loose	48	50280RG	50281RG	5028500RG
	60 cu. ft. Loose	2	50600RG	50601RG	5060500RG
NEW CODE	2.8 cu. ft. Loose	48	5028045RG	5028145RG	5028545RG
	60 cu. ft. Loose	2	5060045RG	5060145RG	5060545RG

Some product sizes are available in generic bags.



BKH (previously named BK55)

LOW WATER RETENTION

PRO-MIX® BKH 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 low water retention and a **good air/water balance**. The high percentage of bark adds weight for **added container stability**.

- INGREDIENTS:**
- Processed 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 adjustment)
 - Wetting agent



See product web page

	SIZE	UNITS PER PALLET	AGTIV REACH	
			REGULAR*	M MYCORRHIZAE
CURRENT CODE	2.8 cu. ft. Loose	42	5028055RG***	5028155RG***
	60 cu. ft. Loose	2	5060055RG***	5060155RG***
NEW CODE	2.8 cu. ft. Loose	42	5028055RGUS***	5028155RGUS***
	60 cu. ft. Loose	2	5060055RGUS***	5060155RGUS***

* Available in bulk in Eastern US. *** Product made in USA

Some product sizes are available in generic bags.

PROMIX[®]

AGTIV[®]

NEW TECHNOLOGY NAMES



AGTIV[®] REACH[™] helps plants develop a more extensive root system. This technology allows plants to reach and absorb more nutrients and water, significantly enhancing growth, robustness, and vigor. It's an essential tool for anyone looking to maximize their plants' potential and achieve superior growth results.

M MYCORRHIZAE



AGTIV[®] DEFEND[™] utilizes the power of *Bacillus* to create a defensive barrier around plant roots. This natural protector works tirelessly to reduce the prevalence of root diseases caused by pathogens* like *Fusarium*, *Pythium*, and *Rhizoctonia*. Right from the start, your plants are safeguarded, ensuring healthier growth and greater survival rates.

B BACILLUS



AGTIV[®] FORTIFY[™] combines the strengths of *Bacillus* and mycorrhizae and offers a dual action of protection and nourishment. This technology shields the root system from pathogens* and enhances nutrient and water uptake. For plants facing tough environmental conditions or prone to disease, AGTIV[®] FORTIFY[™] delivers an unmatched level of resilience and productivity.

+ BACILLUS + MYCORRHIZAE

IT'S IN THE BAG



* Suppresses root diseases caused by specific pathogens (such as *Fusarium*, *Pythium* and *Rhizoctonia*), and also suppresses fungus gnats and thrips.

VISIT
PTHORTICULTURE.COM



PREMIER TECH

THE COMPANY BEHIND THE BRANDS

OUR CORE MISSION

With passion and expertise, we aim to extend our success to customers worldwide by working to feed, protect, and improve the world. We invest time in mastering the technology and science behind our products. This knowledge allows for a deeper connection with customers and market needs, creating products that are relevant today and for the future.

Since our beginning in the peat moss industry in 1923, we have blossomed into a global leader involved in multiple sectors ranging from horticulture and agriculture to home and garden, water and environment, systems and automation, digital technologies, and life sciences.

PRECISION IN PRODUCTION

Our teams excel in every stage of the manufacturing process, from meticulous selection to precise blending of raw materials like peat, bark, and coir, ensuring high-quality growing media with minimal crop management adjustments for our customers. We emphasize eco-friendly practices by grading materials to meet specific particle size requirements and reduce waste.

PIONEERING BIOTECHNOLOGIES

Four decades ago, we opened the most extensive research facility dedicated to advancing biotechnologies associated with growing media: our Research Centre. This approach led us to the creation of an innovative technological platform for the aseptic production of mycorrhizal inoculants on an industrial scale. Since then, our biotechnology portfolio has expanded, and we are constantly working to develop other biological active ingredients.

INTEGRATING INNOVATIONS

By combining expertise, we skillfully integrate biological active ingredients into growing media, significantly enhancing plant health and resistance to environmental stresses. Our PRO-MIX® product line is renowned for its quality and consistency, featuring superior AGTIV® biostimulants and biocontrols that protect plants and foster robust plant growth.

Moreover, we empower our clients through education and support. Our Grower Services team delivers expert guidance on a variety of topics, including crop nutrition, water management, and effective use of growing media. We also offer online learning platforms to keep growers informed about the latest horticulture advancements.

Looking ahead, we continue our leadership in innovation, focusing on delivering value to our clients and contributing positively to global practices.

A VALUABLE RESOURCE

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.

A GLOBAL COMMITMENT TO THE ENVIRONMENT

Premier Tech subscribes to the rational use of natural resources to do its share in terms of sustainable development. To minimize the impact of our activities, we comply with the industry's best environmental practices.

- ✓ **A North American pioneer in peat bog restoration**
- ✓ **A dedicated team focused on sustainable peatland management**
- ✓ **Energy reduction programs in place**



Premier Tech's peat moss comes from bogs that are certified under the Veriflora - Responsibly Managed Peatlands® Program. This certification ensures the application of good management principles in all aspects of sustainable development. The criteria include environmental assessment, social engagement and product quality.

LEARN MORE ABOUT
OUR SUSTAINABILITY
APPROACH





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

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