



**sungro**<sup>®</sup>  
HORTICULTURE

*Our Expertise is Growing*

**SUNSHINE<sup>®</sup> METRO-MIX<sup>®</sup> TECHNIGRO<sup>®</sup>**  
WATER SOLUBLE FERTILIZER

# PROFESSIONAL Growing Products



**NOW INCLUDED IN ALL OF  
YOUR FAVORITE MIXES**

**RESiLIENCE<sup>™</sup>**  
SiLICON ENRICHED

**THICKER STEMS...  
IMPROVED ROOT MASS...  
ENHANCED WILT RESISTANCE**

[www.sungro.com](http://www.sungro.com)

# Our Expertise is Growing

## Sunshine Usage Guide ~ For professional greenhouse and nursery container use

<b>SUNSHINE®</b>	Blend Name Loosefill Bag or Compressed Bale:	Seed Germination & Plug Trays	Cutter Liner Propagation Trays	Cell Packs	Pots up to 5"	Pots 6" to 10"	Pots over 10"	Hanging Baskets Up to 12"	Hanging Baskets over 12"
	LC1 or MIX #1		●	●	●	●	●	●	●
	LB2 or MIX #2			●	●	●	●	●	●
	LG3 or MIX #3	●							
	LA4 or MIX #4		●		●	●	●	●	●
	LP5 or MIX #5	●	●						
	LPM6 or MIX #6*			●	●	●	●	●	●
	LGP7 or MIX #7			●	●	●	●	●	●
	LC8 or MIX #8			●	●	●	●	●	●
	LC15 or MIX #15			●	●	●	●	●	●
Redi-earth (Plug & Seeding)	●	●							
MVP (MM 200)		●	●	●	●	●	●	●	
VP (MM 250)		●	●	●	●	●	●	●	
LT5	●	●							
#1 Natural & Organic			●	●	●	●	●	●	
#3 Natural & Organic	●								
#4 Natural & Organic			●	●	●	●	●	●	
#5 Natural & Organic	●	●							

\*LPM6 or Mix #6 is formulated to be mixed, BEFORE USE, with other coarse aggregate mix components such as coarse bark, perlite, pumice, rice hulls, etc. One or more aggregate(s) must be added to result in a total increase of 25-50% in volume. It is strongly recommended to have the final mixture tested at a reputable testing lab specializing in testing greenhouse growing media to verify the suitability to the conditions in which it will be used.

## Metro-Mix Usage Guide ~ For professional greenhouse and nursery container use

<b>METRO-MIX®</b>	Blend Name (and former name of products)	Cell Packs	Pots up to 5"	Pots 6" to 10"	Pots over 10"	Hanging Baskets Up to 12"	Hanging Baskets over 12"	Perennials 4"/quart	Perennials 6"/gallon	Nursery Containers
	300		●	●	●	●	●			
	360	●	●	●		●			●	
	380 (SS 980)	●	●	●	●	●	●	●	●	
	380 SUN-COIR (MM 380 Coir, MM 470 Coir)		●	●	●	●	●	●	●	
	510 (MM 366P Coir, MM 366 Coir, MM 470 Coir)			●	●	●	●	●	●	
	560 SUN-COIR (MM 560 Coir)			●	●	●	●	●	●	
	820 (SB 200, MM 280)	●	●	●	●	●	●			
	830 (SB 350, MM Bedding I)	●	●	●	●	●	●			
	840 (SB 400)		●	●	●	●	●	●	●	●
852 (MM Bedding I)			●	●	●	●	●	●	●	
865 (SB 650, MM Perennial I)			●	●	●	●	●	●	●	
900 (SB 300, MM 700)			●	●	●	●	●	●	●	
902 (MM 702)	●	●	●			●				

These charts are intended as guidelines to assist in mix choice for given container sizes. However other mixes may also be successfully used if properly managed. Consult your regional Technical Specialist for additional assistance in choosing a mix to match your production practices.

### UPDATE: Metro-Mix® mix substitutions

Eliminated	Substitution
MM 366	MM 360
MM 960	MM 360
MM 340	MM 360
MM 910	MM 510
MM 965 Coir	MM 560 SunCoir
MM HPM	MM 855
MM 841	MM 840

## Canadian Sphagnum Peat Moss

Our select line of Sunshine Canadian Sphagnum peat moss is 100% organic and OMRI listed. The high water holding capacity and excellent aeration makes Sunshine peat moss the choice for growers who mix their own or other professional uses.



### Grower Grade Green

Sunshine Peat Moss Grower Grade Green is a screened short fiber professional peat moss recommended for any situation when a fine growing medium is required. It is most often used in the golf course construction trade, for mushroom production, seed starting and plug production.

#### Ingredients:

- Canadian Sphagnum peat moss

SIZE	UNITS/ PALLET
110 cu ft	1
55 cu ft	2
5.5 cu ft	18
3.8 cu ft	30

### Grower Grade Orange

Grower Grade Orange is less fibrous than our Grower Grade White. It is used throughout the greenhouse trade for vegetable and forestry seedling production, plant production, mushroom production and in mixing your own media.

#### Ingredients:

- Canadian Sphagnum peat moss

SIZE	UNITS/ PALLET
110 cu ft	1
55 cu ft	2
5.5 cu ft	18
3.8 cu ft	30



### Grower Grade White

The most popular of our professional peat moss line, Grower Grade White has a fibrous consistency that improves aeration and increases drainage to promote plant root development. Used throughout the greenhouse trade for vegetable and flowering plant production, mushroom production, it is widely used from flat production to larger pot and hanging basket production.

#### Ingredients:

- Canadian Sphagnum peat moss

SIZE	UNITS/ PALLET
110 cu ft	1
55 cu ft	2
5.5 cu ft	18
3.8 cu ft	30

### Grower Grade Blue

Grower Grade Blue (Special Coarse), is our most fibrous professional peat moss. Visually, you will immediately notice that it is a very chunky peat, with a very high air capacity. It is suitable for orchids, azalea & camellia production, ground beds, bulbs, or when a highly porous mix is required for large containers. Limited availability.

#### Ingredients:

- Canadian Sphagnum peat moss

SIZE	UNITS/ PALLET
110 cu ft	1
55 cu ft	2
3.8 cu ft	30

## Perlite & Vermiculite

Sunshine Perlite and Vermiculite have a wide range of applications that will always be in demand. Clean and lightweight, these materials can be used from propagation to finished production. Sun Gro's Sunshine brand Perlite and Vermiculite have long been known for quality and consistency and are packaged in 4 cu ft bags or 60 cu ft Minibulk bags.



### Perlite

Used to improve the drainage and aeration of growing media, Sunshine Perlite is a porous, lightweight, expanded volcanic rock. Its high porosity makes it a good aggregate in potting and germination mixes.

#### Ingredients:

- Perlite

SIZE	UNITS/ PALLET	DESCRIPTION
60 cu ft	2	Course
4 cu ft	30-33†	Course



### Horticultural Vermiculite

A naturally occurring mineral, vermiculite is highly absorbent, lightweight and an essential part of many soilless growing mixes. In addition to increasing mix water-holding capacity, it's high CEC helps retain nutrients.

#### Ingredients:

- Vermiculite

SIZE	UNITS/ PALLET	DESCRIPTION
60 cu ft	2	Medium
4 cu ft	30-33†	Medium
60 cu ft	2	Coarse
4 cu ft	30-33†	Coarse
60 cu ft	2	X-Coarse
4 cu ft	30-33†	X-Coarse



Sun Gro is a proud member of The Perlite Institute and The Vermiculite Association.  
www.perlite.org  
www.vermiculite.org



# METRO-MIX® Professional Mixes



Our Metro-Mix lineup offers a broad range of applications ranging from small cell-packs to large containers. Select Metro-Mix formulas include processed bark ash or SUN-COIR (coconut coir), distinctive ingredients that offer unique characteristics to a blend. All formulas are pH adjusted, contain a starter nutrient charge and our long-lasting wetting agent.

## UPDATE: Metro-Mix® mix substitutions

Eliminated	Substitution
MM 366	MM 360
MM 960	MM 360
MM 340	MM 360
MM 910	MM 510
MM 965 Coir	MM 560 SunCoir
MM HPM	MM 855
MM 841	MM 840

### Metro-Mix 300

A good choice for a wide range of crops growing in mid to large size containers. May be used in indoor / outdoor landscape installation and large specimen plants.

#### Ingredients:

- Canadian Sphagnum peat moss
- Bark\*\*
- Vermiculite
- Coarse Perlite
- Starter Nutrient Charge (with Gypsum) and Slow Release Nitrogen
- Dolomitic Limestone
- Long-lasting Wetting Agent
- Resilience™



SIZE	UNITS/ PALLET
60 cu ft loosefill	2
2.8 cu ft loosefill	42
Bulk	

### Metro-Mix 360

The most popular Metro-Mix formulation. Similar to Metro-Mix 350, but with additional aggregate for drainage. A great choice for a wide range of crop types and container styles.

#### Ingredients:

- Canadian Sphagnum peat moss
- Vermiculite
- Bark\*\*
- Starter Nutrient Charge (with Gypsum) and Slow Release Nitrogen
- Dolomitic Limestone
- Long-lasting Wetting Agent
- Resilience™



SIZE	UNITS/ PALLET
60 cu ft loosefill	2
2.8 cu ft loosefill	45
Bulk	

### Metro-Mix 360 SUN-COIR™

Premium choice for a wide range of plants grown in smaller container types or cell packs. Also great for landscape / plantscape applications where better water holding characteristics are desired.

#### Ingredients:

- Canadian Sphagnum peat moss
- SUN-COIR
- Vermiculite
- Starter Nutrient Charge (with Gypsum) and Slow Release Nitrogen
- Dolomitic Limestone
- Long-lasting Wetting Agent
- Resilience™



SIZE	UNITS/ PALLET
60 cu ft loosefill	2
2.8 cu ft loosefill	40
Bulk	

### Metro-Mix 380 (consolidated w/ Sunshine 980)

The most popular Metro-Mix formulation with additional aggregate for drainage. A great choice for a wide range of crop types and container styles.

#### Ingredients:

- Canadian Sphagnum peat moss
- Vermiculite
- Bark\*\*
- Coarse Perlite
- Starter Nutrient Charge (with Gypsum) and Slow Release Nitrogen
- Dolomitic Limestone and our Long-lasting Wetting Agent
- Resilience™



PRODUCT	UNITS/ PALLET
60 cu ft loosefill	2
2.8 cu ft loosefill	45
2392191	Bulk

### Metro-Mix 380 SUN-COIR™

Similar to Metro-Mix 380, but features the benefits of coir. Gaining popularity as a mix for bedding plants and other crop types in mid to large size containers.

#### Ingredients:

- Bark\*\*
- Canadian Sphagnum peat moss
- SUN-COIR
- Coarse Perlite
- Starter Nutrient Charge (with Gypsum) and Slow Release Nitrogen
- Dolomitic Limestone and our Long-lasting Wetting Agent
- Resilience™



SIZE	UNITS/ PALLET
60 cu ft loosefill	2
2.8 cu ft loosefill	45
Bulk	

### Metro-Mix 510

Excellent for a wide variety of crops grown in mid to large containers. Especially suited for stock plants and container plants.

#### Ingredients:

- Bark\*\*
- Canadian Sphagnum peat moss
- Vermiculite
- Starter Nutrient Charge (with Gypsum) and Slow Release Nitrogen
- Dolomitic Limestone and a Wetting Agent
- Resilience™



SIZE	UNITS/ PALLET
60 cu ft loosefill	2
2.8 cu ft loosefill	40
Bulk	

\*\*Product will consist of Composted Pine Bark in the Central, East and Southeast and Aged Fir Bark in the West. Additional Metro-Mix formulations are available on [www.sungro.com](http://www.sungro.com)

# METRO-MIX® Professional Mixes

NOW WITH



## Loosefill Totes Available!

Our Totes are easily managed by mechanized operations and handling is eased with this loosefill option. Available in various sizes. Call your Customer Resource Center for information on availability within your region.

## UPDATE: Metro-Mix® mix substitutions

Eliminated	Substitution
MM 366	MM 360
MM 960	MM 360
MM 340	MM 360
MM 910	MM 510
MM 965 Coir	MM 560 SunCoir
MM HPM	MM 855
MM 841	MM 840

### Metro-Mix 560 SUN-COIR™

This heavyweight mix is outstanding for bedding plants, potted plants and perennials in medium to large-sized containers. Features the benefits of coir.

#### Ingredients:

- Bark\*\*
- Canadian Sphagnum peat moss
- SUN-COIR
- Coarse Perlite
- Starter Nutrient Charge (with Gypsum) and Slow Release Nitrogen
- Dolomitic Limestone and our Long-lasting Wetting Agent
- Resilience™



SIZE	UNITS/ PALLET
60 cu ft loosefill	2
2.8 cu ft loosefill	45
Bulk	

### Metro-Mix 820

Metro-Mix 820 is a medium textured, well-drained growing mix for hanging baskets and potted crops.

#### Ingredients:

- Canadian Sphagnum peat moss
- Bark\*\*
- Coarse Perlite
- Starter Nutrient Charge (with Gypsum) and Slow Release Nitrogen
- Dolomitic Limestone and our Long-lasting Wetting Agent
- Resilience™



SIZE	UNITS/ PALLET
60 and 70 cu ft loosefill	2
2.8 cu ft loosefill	48
Bulk	

### Metro-Mix 830

A highly versatile mid weight bark mix for use in growing a wide range of greenhouse crops such as poinsettias, bedding plants, hanging baskets, geraniums and pot mums.

#### Ingredients:

- Canadian Sphagnum peat moss
- Bark\*\*
- Coarse perlite and Vermiculite
- Starter Nutrient Charge (with Gypsum) and Slow Release Nitrogen
- Dolomitic Limestone and our Long-lasting Wetting Agent
- Resilience™



SIZE	UNITS/ PALLET
60 and 70 cu ft loosefill	2
2.8 cu ft loosefill	48
Bulk	

### Metro-Mix 840

Medium textured, well-drained, enhanced air capacity general purpose mix. It is well suited for growing crops in containers ranging from cell packs to hanging baskets.

#### Ingredients:

- Canadian Sphagnum peat moss
- Bark\*\*
- Coarse Perlite
- Starter Nutrient Charge (with Gypsum) and Slow Release Nitrogen
- Dolomitic Limestone and our Long-lasting Wetting Agent
- Resilience™



SIZE	UNITS/ PALLET
60 and 70 cu ft loosefill	2
2.8 cu ft loosefill	45
Bulk	

### Metro-Mix 852 (consolidated w/Metro-Mix Bedding Plant I)

A heavyweight bark mix for the perennial grower, Metro-Mix 852 contains 50-60% composted pine bark for superior drainage and container stability.

#### Ingredients:

- Bark\*\*
- Canadian Sphagnum peat moss
- Vermiculite and Coarse Perlite
- Starter Nutrient Charge (with Gypsum) and Slow Release Nitrogen
- Dolomitic Limestone and a Wetting Agent
- Resilience™



SIZE	UNITS/ PALLET
60 cu ft loosefill	2
2.8 cu ft loosefill	45
Bulk	

\*\*Product will consist of Composted Pine Bark in the Central, East and Southeast and Agri Fir Bark in the West.

# METRO-MIX® Professional Mixes

NOW WITH **RESILIENCE™**  
SILICON ENRICHED



## Metro-Mix 852 (consolidated w/Metro-Mix Bedding Plant I)

A heavyweight bark mix for the perennial grower, Metro-Mix 852 contains 50-60% composted pine bark for superior drainage and container stability.

### Ingredients:

- Bark\*\*
- Canadian Sphagnum peat moss
- Vermiculite and Coarse Perlite
- Starter Nutrient Charge (with Gypsum) and Slow Release Nitrogen
- Dolomitic Limestone and a Wetting Agent
- Resilience™

SIZE	UNITS/ PALLET
60 cu ft loosefill	2
2.8 cu ft loosefill	45
Bulk	



## Metro-Mix 865

A heavyweight mix for perennial growers, Metro-Mix 865 contains a high bark content for superior drainage and excellent container stability.

### Ingredients:

- Bark\*\*
- Canadian Sphagnum peat moss
- Perlite
- Starter Nutrient Charge (with Gypsum) and Slow Release Nitrogen
- Dolomitic Limestone and our Long-lasting Wetting Agent
- Resilience™

SIZE	UNITS/ PALLET
60 cu ft loosefill	2
2.8 cu ft loosefill	40
Bulk	



## Metro-Mix 900

Suitable for stock plants, container plants, potted plants 4" and larger. This is the choice for outdoor landscape installations and large indoor specimen plants.

### Ingredients:

- Bark\*\*
- Canadian Sphagnum peat moss
- Perlite and Vermiculite
- Starter Nutrient Charge (with Gypsum) and Slow Release Nitrogen
- Dolomitic Limestone and our Long-lasting Wetting Agent
- Resilience™

SIZE	UNITS/ PALLET
60 and 70 cu ft loosefill	2
2.8 cu ft loosefill	40
Bulk	

## UPDATE: Metro-Mix® mix substitutions

Eliminated	Substitution
MM 366	MM 360
MM 960	MM 360
MM 340	MM 360
MM 910	MM 510
MM 965 Coir	MM 560 SunCoir
MM HPM	MM 855
MM 841	MM 840

## Metro-Mix 902

The most popular Metro-Mix formulation, similar to Metro-Mix 350, but with additional aggregate for drainage is a great choice for a wide range of crop types and container styles.

### Ingredients:

- Bark\*\*
- Canadian Sphagnum peat moss
- Vermiculite and Coarse Perlite
- Starter Nutrient Charge (with Gypsum) and Slow Release Nitrogen
- Dolomitic Limestone and our Long-lasting Wetting Agent
- Resilience™



SIZE	UNITS/ PALLET
60 and 70 cu ft loosefill	2
2.8 cu ft loosefill	40
Bulk	



Sunshine products are produced under the industry's highest quality standards and designed to meet the unique needs of your crops while fitting into the flow of your operations. Sunshine products are offered in either compressed or loosefill packaging in a variety of sizes, from the easy-to-handle 3.8 cubic foot bale to the economy-sized Big Shots or Sun Tower.



### Sunshine Mix #1 LC1

Mix #1 is, by far, our most versatile formulation expert growers choose for the production of a wide variety of crops.

**Ingredients:**

- Canadian Sphagnum peat moss
- Coarse Perlite
- Starter Nutrient Charge (with Gypsum)
- Dolomitic Limestone
- Long-lasting Wetting Agent
- Resilience™

SIZE	UNITS/ PALLET
110 cu ft	1
loosefill totes	2
55 cu ft	2
3.8 cu ft	30
2.8 cu ft loosefill	51-54†



### Sunshine Mix #2 LB2

Mix #2 is appropriate for the same general uses as Mix #1, but no starter nutrient charge has been added, allowing you to have complete control over fertilization.

**Ingredients:**

- Canadian Sphagnum peat moss
- Coarse Perlite
- Gypsum
- Dolomitic Limestone
- Long-lasting Wetting Agent
- Resilience™

SIZE	UNITS/ PALLET
110 cu ft	1
loosefill totes	2
55 cu ft	2
3.8 cu ft	30
2.8 cu ft loosefill	51-54†



### Sunshine Mix #3 LG3

Mix #3 is designed for germinating seeds and other propagation applications. It has a specially screened shorter fiber peat and a low fertilizer charge to provide initial feeding for seedlings and plugs.

**Ingredients:**

- Fine Grade Canadian Sphagnum peat moss
- Vermiculite
- Low Nutrient Charge (with Gypsum)
- Dolomitic Limestone
- Long-lasting Wetting Agent
- Resilience™

SIZE	UNITS/ PALLET
110 cu ft	1
loosefill totes	2
55 cu ft	2
3.8 cu ft	30
2.8 cu ft loosefill	51-54†



### Sunshine Mix #4 LA4

Mix #4 is recommended where high air capacity and fast drainage are needed; during winter months, with water and salt sensitive crops, or where frequent leaching is required.

**Ingredients:**

- Canadian Sphagnum peat moss
- Coarse Perlite
- Starter Nutrient Charge (with Gypsum)
- Dolomitic Limestone
- Long-lasting Wetting Agent
- Resilience™

SIZE	UNITS/ PALLET
110 cu ft	1
loosefill totes	2
55 cu ft	2
3.8 cu ft	30
2.8 cu ft loosefill	51-54†



### Sunshine Mix #5 LP5

Mix #5 is designed to enhance root development in propagation of ornamental and vegetable transplants.

**Ingredients:**

- Fine Grade Canadian Sphagnum peat moss
- Fine Grade Perlite
- Low Starter Nutrient Charge (with Gypsum)
- Dolomitic Limestone
- Long-lasting Wetting Agent
- Resilience™

SIZE	UNITS/ PALLET
110 cu ft	1
loosefill totes	2
55 cu ft	2
3.8 cu ft	30
2.8 cu ft loosefill	51-54†



### Sunshine Mix #6 LPM6

Mix #6 contains no aggregate, and requires the addition of your choice of aggregate such as bark, perlite or vermiculite.

**Ingredients:**

- Canadian Sphagnum peat moss
- High Starter Nutrient Charge (with Gypsum)
- Dolomitic Limestone
- Long-lasting Wetting Agent
- Resilience™

SIZE	UNITS/ PALLET
110 cu ft	1
loosefill totes	2
55 cu ft	2
3.8 cu ft	30
2.8 cu ft loosefill	51-54†

†Pallet counts vary by site due to raw material variability. Please contact your local Sun Gro Customer Resource Center for specific pallet counts for your area.