

GROWER TIPS

CONTAINER FILLING GUIDE

These figures should be treated as approximations. Actual yield may vary depending on the type of soil used, filling method, and the specific pot used.

AZALEA POTS		STANDARD ROUND POTS		SQUARE POTS	
Pot Diameter	Pots per Cubic Foot of Loose Media	Pot Diameter	Pots per Cubic Foot of Loose Media	Pot Diameter	Pots per Cubic Foot of Loose Media
4"	56	2-1/4"	256	2-1/4"	357
4-1/2"	44	2-1/2"	208	2-1/2"	224
5"	28	3"	120	3"	128
5-1/2"	24	3-1/2"	80	3-1/2"	96
6"	18	4"	48	4"	56
6-1/2"	16	4-1/2"	40	4-1/2"	40
7"	12	5"	28	Mini Sq.	75
7-1/2"	10	5-1/2"	20	Maxi Sq.	60
8"	7	6"	16	Jumbo Sq.	15
8-1/2"	6	7"	10	Jumbo Jr. Sq.	27
10"	4	8"	6		
		10"	3		

GERANIUM POTS		BULB PANS	
Pot Diameter	Pots per Cubic Feet of Loose Media	Pot Diameter	Pots per Cubic Feet of Loose Media
4"	56	6"	24
4-1/2"	44	7"	16
		8"	9
		10"	5

HANGING BASKETS		NURSERY POTS	
Pot Diameter	Pots per Cubic Feet of Loose Media	Description	Pots per Cubic Feet of Loose Media
8"	8	300 (1gal.)	10
8" Boss	9	600 (2gal.)	4.5
10"	4	1200 (3gal.)	2.6
10" Boss	5	Mum Pan 8"	9.5
12"	3	Mum Pan 9"	6

NEW ENGLAND SERIES INSERT		1020 INSERTS		CT SHORT SERIES INSERT	
Insert Configuration	Inserts per Cubic Foot of Loose Media	Insert Configuration	Inserts per Cubic Foot of Loose Media	Insert Configuration	Inserts per Cubic Foot of Loose Media
601	4.4	601	4.4	601	4.4
804	5.4	606	5.5	606	5.5
806	5.9	804	5.4	806	5.9
		806	5.9		
		809	6.9		
		1201	4.9		
		1204	6		
		1801	5.2		
		2401	5.8		
		3601	6.2		





PEAT-BASED MIXES

Sun Gro Horticulture has long set the standard for the industry to follow in professionally formulated growing mixes. They formulate their mixes to give consistent results in every bag, bale and truckload. We offer a wide variety of consistent and dependable peat-based blends made with select Canadian Sphagnum peat moss, aggregates and nutrients to meet every crop's need.

UNIVERSAL MIX NO. 1 / LC 1

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

BASIC MIX NO. 2 / LB 2

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

GERMINATING MIX NO. 3 / LG 3

Mix #3 is suitable for a wide range of growing needs, particularly where less frequent watering is desired. It has a shorter fiber peat, and a low fertilizer charge to protect seedlings and plugs.

AGGREGATE MIX NO. 4 / LA 4

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.

PLUG MIX NO. 5 / LP 5

Mix #5 is designed to promote better root development in ornamental and vegetable transplant plugs.

PREMIX NO. 6 / LPM 6

Mix #6 contains no aggregate, allowing you to control drainage by choosing your own aggregate (e.g. pumice or bark).

GEL PLUS MIX NO. 7 / LGP 7

Polymer Gel holds available water near the roots, making it an excellent mix for plants needing frequent watering or receive less than ideal care once they leave the greenhouse.

GENERAL PURPOSE W/VERMICULITE MIX NO. 8 / LC 8

Mix #8 is an all-purpose mix with Vermiculite and Perlite which makes it suitable for a wide variety of plants.

INGREDIENT MATRIX							
	Canadian Sphagnum peat moss	Perlite	Vermiculite	Starter Nutrient Charge	Gypsum (Calcium Sulfate)	Dolomitic Limestone	Long-Lasting Wetting Agent
Mix 1/LC1	70-80%	20-30%		•	•	•	•
Mix 2/LB2	70-80%	20-30%			•	•	•
Mix 3/LG3	70-80%		20-30% seedling grade	half strength	half strength	•	•
Mix 4/LA4	60-70%	30-40%		•	•	•	•
Mix 5/LP5	70-80%	20-30% seedling grade		half strength	half strength	•	•
Mix 6/LPM6	100%			double strength	double strength	•	•
Mix 7/LGP7	70-80%	20-30%		•	•	•	•
Mix 8/LC8	70-80%	20-25%	5-10%	•	•	•	•



QUANTITY DISCOUNTS

- Bales (30/Pallet)
- Loose Fill (54/Pallet)
- 1/2 pallet, Less 5%
- 1 pallets, Less 10%
- 3 pallets, Less 15%
- Call for further discounts.

Minimum direct shipment is 1/2 truckload. There are 20-24 pallets of bale mix per truck and 24-26 pallets of loose fill bags per truck. Sunshine Professional Mixes also available in 80 cubic foot loose fill Minibulk bags and 55 cubic foot compressed Big Shot Bales. Drop charge \$50.00 if less than full truckload. Call for direct ship pricing and multi-truckload discounts.

USAGE GUIDE								
Compressed Bale:	#1	#2	#3	#4	#5	#6	#7	#8
Loose Fill Bag:	LC1	LB2	LG3	LA4	LP5	LPM6	LGP7	LC8
Cutting Propagation	X	X		X	•	•	X	
Bedding Plants	X	X	•		•	•	•	X
Vegetable Plants	X	X	•		•	•	•	X
Hanging Baskets	X	X		X		•	X	
Pot Crops	X	X				•	X	X
Seed Germination	X	X	X		X			
Plugs			X		X			
Nursery Stock	•	•		X		•	•	•
Perennials	•	•		X		•		X
Interiorscape	•	•		X		•	X	•
Vegetable Plugs			X		X			

• = Suitable, X = Highly recommended

Stock No.	Description
3.8 CU. FT. BALE (YIELDS 7.1 CU. FT.)	
210-014BALFS	Mix No. 1
210-024BALFS	Mix No. 2
210-034BALFS	Mix No. 3
210-044BALFS	Mix No. 4
210-054BALFS	Mix No. 5
210-064BALFS	Mix No. 6
210-074BALFS	Mix No. 7
210-084BALFS	Mix No. 8
2.8 CU.FT. LOOSE FILL BAG	
210-013LC1FS	LC1
210-013LB2FS	LB2
210-013LG3FS	LG3
210-013LA4FS	LA4
210-013LP5FS	LP5
210-013LP6FS	LPM6
210-013LG7FS	LGP7
210-013LC8FS	LC8

ORGANIC MIXES

The Sunshine Professional Mix Family includes organic versions of our popular Sunshine Peat-based mixes. The new mixes are formulated with an organic fertilizer, Dolomitic Lime and an organic wetting agent (Yucca extract) which all meet OMRI requirements in organic production. Developed in response to customer requests, these mixes are formulated to help the professional organic grower cultivate strong, healthy crops. Listed by the Organic Materials Review Institute (OMRI) for the use in production of organic food and fiber, the OMRI Logo assures our product's compliance to OMRI's comprehensive product review process.

ORGANIC MIX #1 (COMPLETE ORGANIC)

Also known as Organic Planting Mix, Sunshine Organic Mix #1 is, by far, our most versatile formulation that expert growers choose for the production of a wide variety of crops.

INGREDIENTS:

- 70-80% Canadian Sphagnum peat moss
- 20-30% Coarse Perlite
- Organic Starter Nutrient Charge, Gypsum
- Dolomitic Limestone and an organic wetting agent

QUANTITY DISCOUNTS

Bales (30/Pallet)

Loose Fill (54/Pallet)

1/2 pallet, Less 5%

1 pallets, Less 10%

3 pallets, Less 15%

Call for further discounts.



of the process is continually monitored. Both raw materials and finished product are stringently inspected, ensuring the same consistent high performance with every bale.

GROWER GRADE WHITE

Is the most popular of our professional peat moss line. It has a fibrous consistency that improves aeration and increases drainage to promote plant root development. It is used throughout the greenhouse trade for vegetable and plant production, mushroom production and in mixing your own growing media. It is widely used from flat production to larger pot and hanging basket production.



Stock No.	Item
2.8 CU. FT. LOOSEFILL BAGS. 54 BAGS/PALLET	
210-013SOPMS	Organic Mix #1
3.8 CU. FT. BALES - 30 BALES/PALLET	
210-015BALFS	Organic Mix #1

*Other organic versions of mixes #2, #3, #4, #5, and #6 are available by special order. Minimum order 1 pallet. Call for complete details. **Sunshine Professional Organic Mixes** also available in 80 cubic foot loose fill Minibulk bags and 55 cubic foot compressed Big Shot Bales. Minimum direct shipment is 1/2 truckload. There are 24-26 pallets of loose fill bags per truck. Drop charge \$50.00 if less than full truckload. Call for direct ship pricing and multi-truckload discounts.

CANADIAN SPHAGNUM PEAT MOSS

Sun Gro's select line of Canadian Sphagnum Peat Moss is 100% organic in nature. The high water retention and air holding characteristics make Sunshine Grower Grades ideally suited to the cultivation of most crops and other professional uses. Each of Sun Gro's bogs produces Sphagnum with texture and qualities unique to that bog and region. Because of this, Sun Gro offers up to four different Grower Grades. From harvesting to baling, each step



Stock No.	Item
210-04GBPMFS	3.8 cu. ft bale

*Other grades of peat moss available by special order. Call for complete details. Sphagnum **Peat Moss** also available in 55 cubic foot compressed Big Shot Bales and 110 cubic foot compressed Suntowers. Drop charge \$50.00 if less than full truckload. Call for direct ship pricing and multi-truckload discounts.



BARK-BASED FORMULATIONS

In order to take advantage of locally available raw materials, Sun Gro offers these regionally formulated bark-based mixes. Our Eastern Region bark mixes are manufactured in Quincy, MI, Elizabeth City, NC and McCormick, SC. Incorporation of Banrot, Controlled Release Fertilizer, High Lime, Low Lime and Biocontrol product options available.

SUNSHINE PX1

PX1 is a fine to medium textured, well-drained general purpose mix. It is well suited for growing crops in containers ranging from cell packs to hanging baskets.

SUNSHINE PX2



PX2 is a medium textured, well-drained general purpose mix. It is suitable for growing crops in containers ranging from 4" pots to hanging baskets.



QUANTITY DISCOUNTS

- Loose Fill Mixes
- 1/2 pallet, Less 5%
- 1 pallets, Less 10%
- 3 pallets, Less 15%
- Call for further discounts.

SUNSHINE 300-H

300-H is a medium to coarse textured, well-drained mix with high air space. It is well suited for growing crops in containers ranging from 4" to large containers.

SUNSHINE PX3

PX3 is a coarse textured, well-drained mix. It is perfectly suited for growing crops in containers ranging from 6" pots to large containers.

Stock No.	Item
2.8 CU. FT. LOOSE FILL BAGS - 40 BAGS/PALLET	
210-095005	PX 1
210-095010	PX 2
210-095015	PX 3
210-095025	300H
210-095071	SB200
210-095020	SB300
210-095054	SB400

Minimum direct shipment is 1/2 truckload. There are approximately 18-22 pallets per truck depending on weight of mix. Sunshine Bark Mixes are also available in 60-70 cubic foot loose fill Minibulk and 65 cubic yard bulk shipments. Call for direct ship pricing and multi-truckload discounts. Drop charge of \$50.00 if less than full truckload.

INGREDIENT MATRIX

	Pine Bark	Peanut Hulls	Canadian Spaghnum Peat Moss	Perlite	Vermiculite	Starter Nutrient Charge	Gypsum (Calcium Sulfate)	Slow-Release Nitrogen	Dolomitic Limestone	Long-Lasting Wetting Agent
PX 1	3/8	3/8	25-35%			•	•	•	•	•
PX 2	•	•	15-25%			•	•	•	•	•
PX 3	•	•	12-18%			•	•	•	•	•
360	3/8		25-35%		•	•	•	•	•	•
300H	•	•	15-25%	•	•	•	•	•	•	•

**Above percentages are approximate and chart should be used as a guide only. (•) = contains portions of.*

Sunshine Bark Mixes have been professionally formulated, blended and tested for optimum physical and chemical characteristics. pH: All mixes are pH adjusted with Dolomitic Limestone for long-term buffering plus Gypsum to provide adequate amounts of calcium and sulfur. Fertilizer: All mixes contain a starter fertilizer charge (equal to about one liquid feeding) containing N-P-K plus trace elements. Composted Bark: All mixes provide increased aeration, drainage, and bulk density that supports your plants. Our bark is composted at our sites to the highest quality standards. Peat Moss: All mixes contain long fibrous Canadian Sphagnum peat moss. This peat moss is known to be the best available from Canada and is exported to professional growers around the world.

SB 200/SB 20

SB 200 is a medium to fine textured, well-drained growing mix for hanging baskets and potted crops.

SB 300 UNIVERSAL

SB 300 is a medium textured, well-drained mix. It is suited for growing crops in containers from cell packs to hanging baskets.

SB 400/SB 40

SB 400 is a medium textured, well-drained general-purpose mix. It is well suited for growing crops in containers ranging from cell packs to hanging baskets.

INGREDIENT MATRIX

	Peanut Hulls	Canadian Spaghnum Peat Moss	Perlite	Vermiculite	Starter Nutrient Charge	Gypsum (Calcium Sulfate)	Slow-Release Nitrogen	Dolomitic Limestone	Long-Lasting Wetting Agent
SB 200	15-25% (Minus 5/8")	55-65%	15-25%		•	•	•	•	•
SB 300	50-60% (Minus 5/8")	15-25%	5-15%	15-25%	•	•	•	•	•
SB 400	35-45% (Minus 5/8")	40-50%	10-20%		•	•	•	•	•

USAGE GUIDE

	SB 200	SB 300	SB 400
Bedding Plants		•	
Hanging Baskets	•	•	•
Perennials	•	•	•
Poinsettias	•	•	•
Mums	•	•	•
8" - 2 gallon pots			•
Interiorscape, Patio, Nursery			

• Highly recommended



METRO MIX®

Sun Gro carries on the excellent tradition of Metro-Mix quality that growers trust. The Metro-Mix line up offers a broad range of applications ranging from small cell- packs to large containers. Certain Metro-Mix formulas include processed bark ash or coconut coir pith (coir), distinctive ingredients that offer unique characteristics to a blend. All formulas are pH adjusted, and contain our long- lasting wetting agent.

METRO-MIX 360 - 45/PALLET

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.

METRO-MIX 360 COIR - 39/PALLET

Premium choice, featuring coir, for a wide range of plants grown in smaller container types or cell packs. A good choice for landscape/plantscape applications where more water holding characteristics are desired.

BEDDING PLANT MIX - 33/PALLET

Metro-Mix Bedding Plant Mix growing medium is ideal for production of bedding plants and smaller potted plants. Not recommended for small cell packs.

METRO-MIX 510 - 39/PALLET

Excellent for a wide variety of crops grown in mid to large containers. Especially suited for stock plants and container plants. Formulated with less vermiculite than Metro-Mix 500.

PERENNIAL MIX - 33/PALLET

Outstanding for producing perennial plants, potted plants, and outdoor production in larger containers.

METRO MIX 830

Metro-Mix 830 is a new 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.

METRO MIX 852

Metro-Mix 852 is a heavyweight bark mix formulated with the perennial grower in mind. This mix contains 50-60% composted pine bark for superior drainage and excellent container stability. Better suited for larger containers used in perennial / nursery production.

INGREDIENT MATRIX											
	Core	Canadian Spagnum Peat Moss	Coarse Perlite	Vermiculite	Bark Ash	Pine Bark	Starter Nutrient Charge	Gypsum (Calcium Sulfate)	Slow-Release Nitrogen	Dolomitic Limestone	Long-Lasting Wetting Agent
MM 360	30-40%	36-46%		•	•	•	•	•	•	•	•
MM 360 w/ coir		30-40%		•	•		•	•	•	•	•
MM BPM		•	•	•		48-58%	•	•	•	•	•
MM PM		•	•	•		62-72%	•	•	•	•	•
MM510		•	•	•	•	35-45%	•	•	•	•	•
MM830	-	50-60%	•	•	-	20-30%	•	-	•	•	•
MM852	-	25-35%	•	•	-	50-60%	•	-	•	•	•

Minimum order for mixes containing controlled release fertilizers is a full truckload. There is a drop charge of \$50.00 per stop on orders less than a truckload. There are approximately 18-22 pallets per truck depending on weight of mix. Metro-Mix formulations are also available in 60 cubic foot loose fill Minibulk and 65 cubic yard bulk shipments. Call for direct ship pricing and multi-truckload

Metro-Mix®

QUANTITY DISCOUNTS
 Quantity Discounts
 1/2 pallet, Less 5%
 1 pallets, Less 10%
 3 pallets, Less 15%
 Call for further discounts.

Stock No.	Item
2.8 CU. FT. BAGS	
210-096012	MM 360
210-096014	MM 360 w/Coir
210-096020	MM 510
210-096038	MM BPM
210-096026	MM PM
210-096042	MM 830
210-096044	MM 852



**Other formulations available. Call for availability and pricing.*





PLUG & SEEDLING MIX

Sun Gro's Redi-earth Plug & Seedling formulas are designed with plugs and seedlings in mind! These fine textured, light formulas are excellent choices for propagation. Whether you are a grower who is sowing seeds in open flats, growing plugs in the smallest cells or rooting cuttings, Redi-earth has a tradition of high performance and superior results.

PLUG & SEEDLING MIX - 54/PALLET

Redi-earth Plug & Seedling Mix is designed for a wide variety of propagation applications as well as a growing-on medium for small containers and small propagule types.

REDI-EARTH COIR - 54/PALLET

Designed for a wide variety of propagation applications as well as a growing-on medium for small containers and small propagule types.

This formula has a reduced amount of vermiculite but with the benefits of added coir.



Minimum order for mixes containing controlled release fertilizers is a full truckload. There is a drop charge of \$50.00 per stop on orders less than a truckload. There are approximately 22 pallets per truck depending on weight of mix. Redi-earth formulations are also available in 60 cubic foot loose fill Minibulk shipments. Call for direct ship pricing and multi-truckload discounts.

QUANTITY DISCOUNTS

1 pallet, Less 10%

3 pallets, Less 15%

Call for further discounts.

Redi-earth®

Stock No.	Item
2.8 CU. FT. BAGS	
210-097002	Plug & Seedling
210-097006	Redi-earth Coir

**Other formulations available.
Call for availability and pricing.*

NURSERY MIXES - BULK LOADS 65-70 CUBIC YARDS

NX-1

- 85-95% Controlled Composted Pine Bark
- Coarse Sand
- Lime
- Nutrient Starter Charge

NX-2

- NX Base*
- 8-12% Grower Grade Peat Moss
- Coarse Sand
- Lime
- Nutrient Starter Charge

NX-3

- NX Base*
- 12-18% Grower Grade Peat Moss
- Coarse Sand
- Lime
- Nutrient Starter Charge

NX-4

- NX Base*
- 20-30% Grower Grade Peat Moss
- Lime
- Nutrient Starter charge

* NX Base is a controlled composted 50/50 blend of pine bark and peanut hulls. Temperature, pH, and moisture are monitored throughout the life of the composting process. At the end of the composting cycle a Solvita test is administered to insure the batch is finished and ready for use. NX Base Mix is also available in bulk 65-70 cubic yard loads.

Composted Pine Bark available in 65-70 cubic yard loads. This is truly a composted product not to be confused with aged bark. Lime, Micro-elements, etc... can be added for your specific growing needs.

Call for current pricing and availability in your area.



ANALYTICAL SERVICES

Growers have come to trust our Professional Mixes and Fertilizers to provide the most consistent physical and chemical growing conditions for their plants. Sun Gro has fully staffed, regional teams of professional and knowledgeable horticulturists who can provide practical solutions to your growing media and fertilizer needs. Now you can get the most complete analytical report of your tissue, media, water or fertilizer from a company that speaks your language, presented in the easiest to understand test tube format for a quick interpretation of your growing environment.

Why Analyze?

Water is a basic building block of plants. Everyone should know the chemical composition of their irrigation water so they can provide the optimal fertilizer program as well as avoid any potential problems due to poor water quality.

Contact your sales representative or customer service for the Sun Gro customer resource center nearest you.



SUNSHINE RETAIL PEAT MOSS & MIXES

SUNSHINE LIGHTWEIGHT PEAT BASED MIXES



Sun Gro's retail products are made with the highest quality ingredients in the same facilities that produce our mixes for Professional Growers. Quality guidelines are in place throughout the entire production cycle so you can be assured of bag-to-bag consistency. We are proud to say that we offer professional quality mixes for the home gardener.

FEATURES:

- Multi-Purpose blends for general gardening.
- Organic mixes - listed by the Organic Materials Review Institute - for those gardeners who like to garden organically.
- Specialty mixes developed to help plants like African Violets and Cacti thrive.



ALL PURPOSE

- A multi-purpose blend.
- Formulated for a wide range of outdoor and indoor projects.



PROFESSIONAL GROWING MIX

- The soil chosen by professionals.
- Based on one of our best selling grower formulations, this truly offers a professional soil for the home gardener.
- Featuring a time-release fertilizer for gradual nutrient release
- This mix is the ultimate in peat-lite soils.

NATURAL AND ORGANIC GROWING MIX

- Listed by the Organic Materials Review Institute for the production of organic food and fiber.
- This university formulated mix contains the same ingredients as our professional 100% organic growing media.
- Use anywhere you would like to garden organically.

CONTAINER MIX

- Formulated with water holding co-polymers
- This ultra water-holding mix does the watering so you won't have too - as often.
- Designed for bedding plants, window box containers, and hanging baskets.
- Perfect for drought stricken areas or plants that get a lot of sunlight.

All products above are shipped from Canada.



SUNSHINE PRO PEAT/ BARK RETAIL MIXES

Sunshine Pro is the product Landscapers and Home Gardeners who want to do the job right the first time have been asking for. All mixes are professionally formulated to ensure success in your landscape project or in this year's garden. Each of the six products has been certified by the Mulch & Soil council, which signifies the product is made with the highest quality ingredients.



PRO PREMIUM PLANTING MIX

- This dark and rich planting mix is ideal for amending your existing landscape, flower bed or vegetable garden.

PRO PREMIUM POTTING SOIL

- A superior potting soil suited for indoor and outdoor containers, hanging baskets and raised beds.

PRO SEED & SOD STARTER

- Sunshine Pro Seed & Sod Starter is an all natural soil amendment that is ideal for use in establishing new lawns or as a top-dressing.

PRO NATURAL & ORGANIC JUST COIR

- Sunshine Pro Just Coir is an all natural water retention amendment for your planting media or native soil.



PRO LAWN & GARDEN TOP SOIL

- Designed for replacing native top soil lost by erosion or to fill in a hole or level the garden.

Items above are shipped from Elizabeth City. Retail products not stocked in MPS warehouse, but can be special ordered. Minimum order of 1 pallet applies and must order in full pallet quantities. Sunshine retail peat moss and mixes can be combined with direct shipments of Sun Gro grower mixes. Not all mixes produced at same locations, please contact your sales representative or customer service for complete details.





THERIAULT & HACHEY PEAT MOSS & PEAT BASED MIXES

Therault & Hachey Peat Moss Limited has been a preferred supplier to the horticultural and mushroom industries, offering its customers the highest quality products. In addition to producing high quality peat-based standard growing mixes, T&H also manufactures custom-blended substrates. Their state-of-the-art mixing line will provide you with unparalleled blended growing mixes to meet your specific plant and crop growing needs to shorten their growth cycle.

T&H produces 5 grades of sphagnum peat moss. Customized peat moss-based blends are formulated to optimize plant and crop growth. Imagine increasing your yields and boosting both your productivity and your bottom line.

EXTRA FINE GRADE

Extra Fine Grade Peat Moss is designed for seedling beds, plug mediums, hydro seeding and other applications where zero stick/twig contamination is essential.

FINE GRADE

Fine Grade Peat Moss is used for hydro seeding, golf green construction, nursery beds, and other applications where an even granular size and low stick content is required.

MEDIUM GRADE

Medium Grade Peat Moss is designed for greenhouse nurserymen and other professional horticulturists who require a product with a low amount of sticks and nuggets, while maintaining a good fibre structure to allow for high absorption.

COARSE GRADE

Coarse Grade Peat Moss is ideal for plant propagation. It boasts an excellent air filled porosity (AFP), allowing roots to grow and expand to their maximum capacity. It is also preferred by mushroom growers for its fibre structure and water absorption properties.

EXTRA COARSE GRADE

Extra Coarse Grade Peat Moss has the highest air-filled porosity (AFP) for aeration, drainage, and strong root development. It is excellent for maturing plants.



TH-1 ALL-PURPOSE PROFESSIONAL GROWING MIX

An all purpose professional growing mix ideal for a wide variety of plants. It contains extra coarse grade sphagnum peat moss (81.25%), coarse perlite (13.75%), coarse vermiculite (5%), calcitic lime, dolomitic lime, wetting agent and starter fertilizer with trace elements.

- Bedding plants
- Foliage plants
- Hanging baskets
- Greenhouse grown vegetables and ornamentals
- Propagation / cuttings



TH-2 PROFESSIONAL GERMINATING MIX

A professional substrate specially formulated for germinating seeds in plug / flat trays. It contains extra-fine grade sphagnum peat moss (70%), fine perlite (15%), fine vermiculite (15%), calcitic lime, dolomitic lime, wetting agent and starter fertilizer with trace elements. It promotes seed germination and seedling growth, resulting in healthy plants with a strong root system.



TH-6 PROFESSIONAL FAST DRAINAGE GROWING MIX

A special professional growing mix with a higher degree of air porosity (aeration and drainage), specifically designed for the cultivation of water sensitive plants and for winter planting. It contains extra coarse grade sphagnum peat moss (78%), coarse perlite (22%), calcitic lime, dolomitic lime, wetting agent and starter fertilizer with trace elements. It is most useful for the following applications:

- Violet species
- Ornamental grasses
- Winter planting

All products above are shipped from Canada.

THERIAULT & HACHEY

TH-CUSTOM BLENDED GROWING MIX



Custom-blended formulations are specially researched and formulated to meet the requirements of customer-specific growing situations. T & H can also produce a custom blend according to your recipe's specifications, which will then be certified by Dr. Ranasinghe. Some of the possible ingredients that have been approved for use are: Mycorrhiza (Endomycorrhiza alone or with organic fertilizer, humic acid and water absorbing polymer)

- Biological fungicide (To protect crops from root diseases)
- Rice hull (Parboiled)
- Rice bran (Defatted)
- Controlled release fertilizer
- Rock wool
- Coir dust (cocopeat)
- Calcined clay
- Root enhancer (Beneficial carboxylic acids)
- Water absorption gel (Hydrogel)
- Organic growing mixes with Kelp powder / Granulated chicken manure and Yucca extract

PH ADJUSTED PEAT MOSS

pH adjusted peat moss is composed of top quality Canadian sphagnum peat moss in which the pH level has been adjusted using dolomitic and calcitic lime. pH adjusted peat moss contains no other ingredients, allowing you to control drainage and plant nutrient content by selecting your own ingredients. Sizes available: Growing Mixes 3.8, and 64 cu ft compressed bales, Peat moss also available in 6 cu ft compressed bales. Minimum order is full truckload – 3.8 cu ft bales are 30 bales/pallet & 26 pallets/truck; 6 cu ft bales are 20 bales/truck & 24 pallets/truck; 64 cu ft bales are 2 bales/pallet & 20 pallets/truck. Contact your sales representative or customer service for pricing.

SOIL AMENDMENTS

PERLITE COARSE SCREENED

Perlite enhances soil composition by eliminating compaction, providing drainage and adequate moisture holding capacity, allowing for better root growth. It is the principal component in many soil-less mixes.

Stock No.	Item
210-6LUNACPP	4 ct ft bag

VERMICULITE MEDIUM / COARSE GRADE

Vermiculite promotes faster plant growth by improving soil aeration and retaining moisture and nutrients. It is light and easy to handle when mixing with soil-less media.

Stock No.	Item
210-6VERMICP	4 cu ft bag





PROFESSIONAL GROWING MIXES

BC-1 FINE SUMMER MIX

A finer textured, higher peat-content blend of double-ground and regular compost designed to hold more water. It can be used for propagation of seeds and cuttings, hanging baskets, potted plants, foliage plants, cell packs, Mums and Pansies.

BC-5 WINTER POTTING MIX

This coarse textured mix was developed to provide the grower with a well-draining, mix designed for cool season growing or for crops needing higher root aeration.

BC-C CUSTOM "C" MIX

This growing mix was developed to provide the grower with a mix designed for warm season growing or for crops needing a mix with a higher water-holding ability.

BC-1+ FINE SUMMER BEDDING MIX

Developed to provide the grower with a mix with a greater percentage of fines than BC-1 thus holding more water. It can be used for propagation of seeds and cuttings, hanging baskets, pot plants, foliage plants, cell packs, mums and pansies.

BC-SAND HEAVY WEIGHT POTTING MIX

This coarse textured mix was developed to provide the grower with a well-draining mix designed for specialty crops needing greater bulk density and resistance to root-heaving.

BC-2 PLUS GERMINATION MIX

This fine textured mix was developed to provide the grower with a light, high peat, double ground mix designed for propagation of seeds and cuttings.

BC-5S SUMMER POTTING MIX

This medium textured mix was developed to provide the grower with designed for warm season growing or for crops needing a mix with a higher water-holding ability.

BC-SUB SUB-IRRIGATION MIX

This fine textured mix was developed specifically for the interior plantscape industry. It is a stable, mix with high water absorption and capillary activity.

Stock No.	DESCRIPTION
3 CU. FT. BAGS - 40 BAGS/PALLET	
210500002	BC-1
210500110	BC-1 Plus
210500008	BC-2Plus
210500020	BC-5
210500026	BC-5s
210500088	BC-C
210500046	BC-SAND
210500052	BC-SUB

*3 cu. ft. truckload is 18-24 pallets. Above mixes also available in 60 cu. ft. bulk bags - 2 per pallet (minimum of 4 pallets per product), and Bulk shipments of 65-75 cu. yd. per truckload. F.O.B. Edenton, NC.

BIO-COMP MIX INFORMATION CHART								
	BC1	BC1+	BC-2+	BC-5	BC-5S	BC-C	BC-SAND	BC-SUB
Ingredients								
Composted Pine Bark	*	*	*	*	*	*	*	*
Composted Peanut Hulls	*	*	*	*	*	*	*	*
Sphagnum peat moss	*	*	*	*	*	*	*	*
Perlite			*					
Sand							*	
Uses:								
Propagation: Seeds	+	+	+		+			
Cuttings	+	+	+	ok	+		+	+
Annuals: Bedding	+	+	+	ok	+	ok		+
Vegetable	+	+	+		+			+
Flowering Plants: Summer	+	+	+	ok	+	ok	+	+
Winter	ok	ok	+	+	ok	+		ok
Hanging Baskets	+	+	+		+	+		+
Foliage	+	+	+	+	+			+
Bulbs	ok	ok		+	ok	+	+	ok
Perennials				+	+	+	+	
Sub-irrigation			ok		+			+
Interiorscape			+	+	+	+	+	+

(*) = contains. (+) = Recommended Mix (ok) = Satisfactory * blank = Not Recommended

QUANTITY DISCOUNTS

- 1 pallet, Less 5%
 - 2 pallets, Less 10%
 - 3 pallets, Less 15%
- Call for further discounts and direct ship pricing.

Custom mixes also available, call for pricing and availability.

COMPOSTED GROWING MIXES

BENEFITS OF OUR COMPOSTING SYSTEM

Reduced Shrinkage - Raw material particle size breakdown is stabilized, preventing the approximately 20% loss of volume that occurs in uncomposted products.

Stabilized Temperature - The temperature of raw materials is stabilized to prevent potential harm to plants from "overheating".

Consistent Plant Growth - Particle sizes of BIO-COMP's composted raw materials are precisely defined and separated materials are precisely defined and separated into different grades. This process optimizes water-holding ability and air space resulting in consistent, optimal plant growth.

NURSERY PRODUCTS

PERENNIAL PLUS MIX Developed to provide the grower with a mix designed for perennials & nursery crops in container sizes 6" & up. A blend of double-ground fines & regular aged pine bark & aged peanut hulls designed to hold more water. This mix contains no added lime, wetting agent or starter fertilizer. Use for perennials, nursery crops, mums & planters. Not recommended for greenhouse crops.

NURSERY MIX Developed to provide the grower with a mix designed for nursery crops in container sizes 2 gal. and up. This mix consists of aged pine bark and aged peanut hulls grounded and screened to a uniformed size. This mix contains no added lime, wetting agent, or starter fertilizer. Excellent for nursery crops. Not recommended for greenhouse crops

BASE COMPONENTS

BC 50/50 PINE BARK/PEANUT HULL COMPOST A composted base material for use as a component for growers who prefer to mix their own media, or can be used alone. Composed of composted pine bark and composted peanut hulls, ground and screened to a uniform particle size. Provides natural biological activity. This mix contains no added lime, wetting agent, or starter fertilizer.

BC 50/50A PINE BARK/PEANUT HULL AGED An aged base material for use as a component for growers who prefer to mix their own media, or can be used alone. Composed of aged pine bark and aged peanut hulls, grounded and screened to uniform particle size. This mix contains no added lime, wetting agent, or starter fertilizer.

Call for current pricing and availability for all Nursery Products, Base Components, and Retail Mixes. F.O.B. Edenton, NC.



