

# SOIL MIXES



## BRANDS CARRIED

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**PRO-MIX**<sup>®</sup>  
NOTHING SAYS GROWING MEDIA BETTER™

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A GROWING MEDIUM LIKE NO OTHER

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HYDROKORRELS**

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# PRO-MIX®

NOTHING SAYS GROWING MEDIA BETTER™

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.

## HP Biofungicide™ + Mycorrhizae™

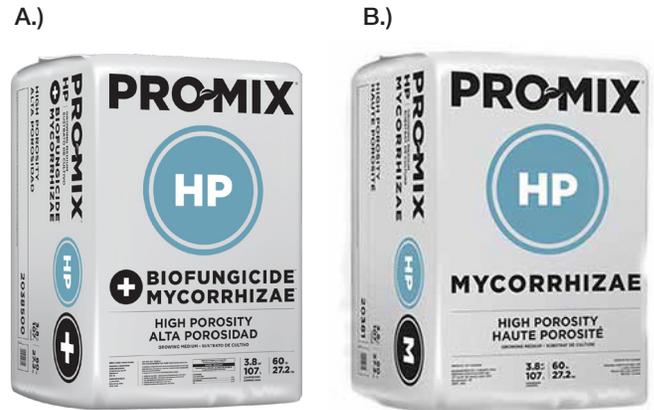
With its high perlite content, Pro-Mix HP provides a great growing environment to growers looking for a significant drainage capacity, increased air porosity and lower water retention. The added benefit of fibrous peat moss and coarse perlite makes this formulation ideal for growers who require a superior-quality product adapted to their needs for watering flexibility and crop seasonality.

### Ingredients:

- Canadian sphagnum peat moss (65-75%)
- Perlite - horticulture grade
- Dolomitic and calcitic limestone (ph adjuster)
- Wetting agent

### Active Ingredients:

- A.) Biofungicide + Mycorrhizae
- B.) Mycorrhizae



## BX Biofungicide™ + Mycorrhizae™

Pro-Mix BX is a solution for growers seeking to benefit from both the nutrient retention ability of vermiculite and a perlite content providing limited but proper drainage capacities. 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%)
- Perlite - horticulture grade
- Vermiculite - horticultural grade
- Dolomitic and calcitic limestone (ph adjuster)
- Wetting agent

**Active Ingredients:**

- A.) Biofungicide + Mycorrhizae
- B.) Mycorrhizae

## HP-CC Biofungicide™ + Mycorrhizae™

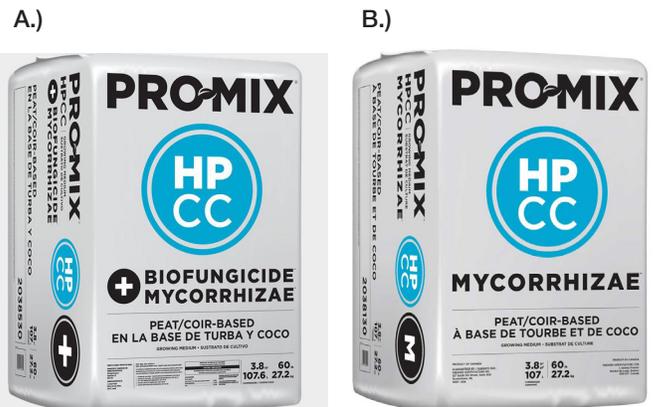
When seeking the ideal balance between air porosity, drainage capacity and water retention, Pro-Mix HPCC is the solution growers select. With unique chunk coir reducing soil compaction and carefully selected peat moss, this formulation provides qualities promoting growth and offering a delicate, well-calculated control over the root zone. Pro-Mix HPCC provides growers what they need to optimize the quality of their hanging baskets, large containers and long-term crops.

### Ingredients:

- Canadian sphagnum peat moss (65-75%)
- Perlite - horticulture grade
- Vermiculite - horticultural grade
- Dolomitic and calcitic limestone (ph adjuster)
- Wetting agent

### Active Ingredients:

- A.) Biofungicide + Mycorrhizae
- B.) Mycorrhizae





### MP Organik Multi-Purpose

Pro-Mix MP Mycorrhizae Organik provides the perfect solution for growers in need of an organic-certified, growing medium that delivers well balanced air/water qualities. OMRI-Listed, this formulation is ideal for a variety of growing uses and is designed to meet crop requirements for certified organic growers. Enriched with mycorrhizae, 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.

#### Ingredients:

- Canadian sphagnum peat moss (75-85%)
- Coir - horticulture grade
- Perlite - horticultural grade
- Calcitic limestone (ph adjuster)
- Organic Wetting agent

#### Active Ingredients:

- Mycorrhizae

### LP15 Multi-Purpose

Designed to provide growing environment that offers good water retention with fibrous peat moss and a low perlite formulation Pro-Mix LP15 offers growers the needed flexibility for multiple purposes. Combined with cutting-edge active ingredients, Pro-Mix LP 15 will deliver on your expectations.

#### Ingredients:

- Canadian sphagnum peat moss (80-90%)
- Perlite - horticulture grade
- Dolomitic and calcitic limestone (ph adjuster)
- Wetting agent

#### Active Ingredients:

- Mycorrhizae



### PGX Plug and Germination

Balance and precision are essential in horticulture, even more so at the beginning of a crop. Pro-Mix PGX is formulated with vermiculite for increased buffering capacity and nutrient retention at the early stages of plant growth. This carefully developed formulation optimizes plant growth by creating a root zone environment that is well adapted for plug production and seed germination applications.

#### Ingredients:

- Canadian sphagnum peat moss - short fiber (75-85%)
- Vermiculite - plug grade
- Dolomitic and calcitic limestone (ph adjuster)
- Wetting agent

#### Active Ingredients:

- Biofungicide
- Biostimulant





Quality has always been a priority at Lambert, that's why the company owns a complete quality control laboratory. The laboratory staff developed standards and procedures to make sure that every cubic foot of product that leaves our yard complies with our standards. Quality control procedures are also developed regularly to increase the quality of our products.

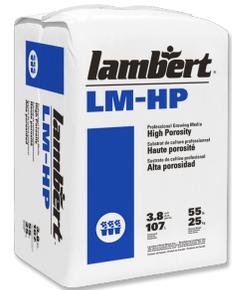


### LM-6 High Porosity Mix

Lambert LM-6 High Porosity Mix is a high porosity growing media with long-fibered Canadian sphagnum peat moss including the addition of large peat chunks and coarse perlite. LM-6 is designed for crops that require higher air capacity and drainage.

#### Ingredients:

- Canadian sphagnum peat moss (75 - 85%)
- Dolomitic limestone
- Horticultural perlite
- Wetting agent
- Calcitic limestone
- Starter charge



### LM-6 Organic High Porosity Mix

Lambert LM-6 Organic Professional High Porosity Mix is a combination of premium long-fibered Canadian sphagnum peat moss, chunks and coarse perlite with an organic wetting agent and an extended-release organic fertilizer. Ideal for plants that require higher aeration and drainage.

#### Ingredients:

- Canadian sphagnum peat moss (75 - 85%)
- Dolomite limestone
- Horticultural perlite
- Organic wetting agent
- Calcitic limestone
- Organic slow release fertilizer

### LM-18 Germination Mix

LM-18 Germination Mix is a composition of fine Canadian sphagnum peat moss and fine perlite. LM-18 is a media formulated to promote effective and uniform germination. The added amount of perlite contributes to the germination of specific seeds that require more air space providing better drainage.

#### Ingredients:

- Canadian sphagnum peat moss (80 - 90 %)
- Dolomitic limestone
- Horticultural perlite
- Wetting agent
- Calcitic limestone
- Starter charge



### LM-8 Bark Mix

Lambert LM-8 Bark Mix is a blend of Canadian sphagnum peat moss with aged bark and perlite. This mix is great for use in large container, perennials, hardy mums and nursery crops. This bark media is ideal for growers who wish to have a media that provides weight for container grown crops that tend to be top-heavy.

#### Ingredients:

- Canadian sphagnum peat moss (60 - 70%)
- Dolomitic limestone
- Aged bark
- Wetting agent
- Horticultural perlite
- Starter charge



### LM-8+15V Mix (Custom)

Lambert LM-8 Bark Mix with %15 added vermiculite is a blend of Canadian sphagnum peat moss with aged bark and perlite. This mix is great for use in large container, perennials, hardy mums and nursery crops. This bark media is ideal for growers who wish to have a media that provides weight for container grown crops that tend to be top-heavy.

**Ingredients:**

- Canadian sphagnum peat moss (80 - 90%)
- Horticultural perlite
- Horticultural vermiculite
- Calcitic limestone
- Dolomite limestone
- Wetting agent
- Starter charge



### GFM PC-25 High Porosity Peat-Coir Mix

Lambert The Green Formula PC-25 High Porosity Peat & Coir Mix is designed to procure excellent ratio of drainage, air porosity and water retention.

**Ingredients:**

- Canadian sphagnum peat moss (60-70%)
- Coconut coir
- Horticultural perlite
- Calcitic limestone
- Dolomitic limestone
- Wetting agent
- Starter charge





# APPROXIMATELY HOW MUCH SOIL YOU WILL NEED TO FILL:

## Round Pots

Container	Per cubic foot	3.8 cu.ft. compressed bale	2.8 cubic foot bag
2 1/4'	260	1853	780
3"	121	862	363
4"	45	320	135
5"	25	175	75
6"	15	104	45
8"	5.5	40	16
10"	3	20	9
12"	2	14	6



## Square Pots

Container	Per cubic foot	3.8 cu.ft. compressed bale	2.8 cubic foot bag
2 1/2"	356	2494	1068
3"	127	904	381
4"	58	414	174



## Hanging Baskets

Container	Per cubic foot	3.8 cu.ft. compressed bale	2.8 cubic foot bag
6"	20	142	60
8"	10	71	30
10"	5	35	15



## Azalea Pots

Container	Per cubic foot	3.8 cu.ft. compressed bale	2.8 cubic foot bag
4"	63	448	189
5"	31	220	93
6"	18	128	54
6 1/2"	15	106	45
8"	7	50	21
10"	4	28	12



## Geranium Pots

Container	Per cubic foot	3.8 cu.ft. compressed bale	2.8 cubic foot bag
4 1/2"	40	285	120



## Flats

Container	Per cubic foot	3.8 cu.ft. compressed bale	2.8 cubic foot bag
11" x 21" 804	5.9	41	18
11" x 21" 806	7.1	50	21
11" x 21" 1203	5.9	41	18
11" x 21" 1204	6.7	48	20
11" x 15" 601	5.9	41	18
12" x 14" 806	7.7	55	23



## Plug Trays

Container	Per cubic foot	3.8 cu.ft. compressed bale	2.8 cubic foot bag
52 Square	9	64	-
72 Square	14.2	100	-
128 Round	9.7	69	-
200 Round	19	135	-
288 Square	16.5	118	-
392 Round	18.3	130	-
406 Square	16.5	118	-
512 Round	15	106	-



## Coverage Estimates

Thickness	4 Cu. Ft. Perlite	6 Cu. Ft. Can. Peat (12 Cu. Ft. Loose)	1 Cubic Yard Peat Mulches, Topsoil, etc.
2 inches	24 Sq. Ft.	72 Sq. Ft.	72 Sq. Ft.
1 inch	48 Sq. Ft.	144 Sq. Ft.	144 Sq. Ft.
1/2 inch	96 Sq. Ft.	288 Sq. Ft.	288 Sq. Ft.
1/4 inch	192 Sq. Ft.	576 Sq. Ft.	576 Sq. Ft.





Since the company's inception, Riococo has been manufacturing world-class coir products from the facilities in Sri Lanka. Their use of the highest quality raw materials, which were produced by nature and combined with state-of-the-art technologies and equipment, enables them to produce the highest quality coir fiber products.

### Riococo ACW Urban-C Coir Block

Riococo ACW Supply Urban-C Coir Block with a 5-8mm chunk size in a retail package (with a handle!) is a great alternative to peat moss. It's an organic soilless coconut fiber growing medium with superior water holding capacity when compared to other grow media. Riococo Unwrapped Coir Block is free from seeds and pathogens and pre-washed for low EC and balanced pH.



### ACW Urban-A Mix

Fafard has recently released an organic line of soil. American Clay stocks FOF20 and FOF30 and other mixes are available in pallet quantity by request. These mixes meet all National Organic Program guidelines. Urban-A Mix, exclusively designed by and produced for American Clay is a blend of Peat Moss, Coco Coir, Large Perlite, an Organic Wetting Agent, Mycorrhizae, and Vermicompost. This is a great general purpose mix. FOF20 contains Canadian Sphagnum Peat Moss, Perdue Organic Fertilizer, Perlite and Vermiculite. It is a great propagation mix for seeds, cutting and liners. FOF30 contains Canadian Sphagnum Peat Moss, Aged Pine Bark, Perdue Organic Fertilizer, Perlite and Vermiculite. It is a great general purpose mix for greenhouse-grown plants in containers or hanging baskets.

Urban-A Mix - ACWUMA2.8CF FOF20 - FFOF203CF  
FOF30 - FFOF303CF





### Coir Starter Block

Grow starters are also one of our newest inventions in the propagation product family. Using our newest Riococo grow starters, propagators are able to propagate faster and produce healthy plants organically. Excellent water holding and equal distribution of water throughout the block ensures optimum management of the air and water balance and the equal distribution of nutrient and fertilizer solutions. Riococo R101 Coir Block is made from 100% coir fiber compressed disc packed in a biodegradable Riococo cellulosic paper.



### Starter Plug

Specifically designed for sowing seeds, Starter Plugs provide you with a sterile and porous substrate that aids in rapid and even root development.

### Riococo Growbags

Riococo Growbags are a blend of 15 mm sized coco peat and crushed coco chips. The selected raw materials are blended and compressed into 8:1 ratio to make slabs for the required size. Riococo Growbags are packed in UV stabilize co-extruded bags. (400 Growbag also available)

#### 100 Growbag



Material Blend: 100% Natural Coir Mix  
Water Holding Capacity: 7.32 L/Kg  
Air Filled Porosity: 5.2%

#### 200 Growbag



Material Blend: 80% Natural Coir Mix / 20% Coir Chips  
Water Holding Capacity: 6.73 L/Kg  
Air Filled Porosity: 10.2%

#### 300 Growbag



Material Blend: 30% Natural Coir Mix / 70% Coir Chips  
Water Holding Capacity: 5.42 L/Kg  
Air Filled Porosity: 25.06%

### Riococo Unwrapped Coir Block Coco Peat

Riococo Unwrapped Coir Block Coco Peat with a 5-8mm chunk size is a great alternative to peat moss. It's an organic soilless coconut fiber growing medium with superior water holding capacity when compared to other grow media. Riococo Unwrapped Coir Block is free from seeds and pathogens and pre-washed for low EC and balanced pH.



### Riococo Unwrapped 10C Chunky Coir Block

Riococo Unwrapped 10C Chunky Coir Block Coco Peat with a larger chunk size than other blocks. The 10C Chunky Coir Block is a great alternative to peat moss. It's an organic soilless coconut fiber growing medium with superior water holding capacity when compared to other grow media. Riococo Unwrapped Coir Block is free from seeds and pathogens and pre-washed for low EC and balanced pH.

\*Coco Coir bricks consist of the coarse coir fibers extracted from the husk on the outer shell of a coconut. Coconut coir bricks are increasingly used as a growing medium by commercial greenhouse operations. Because of its superior water holding capacity, excellent air space and drainage, coco coir bricks are useful in modern hydroponics and as a soil amendment for potted plants, containers and gardens.





# FLUENTES HYDROKORRELS

## Hydrokorrels

Hydrokorrel expanded clay is a popular medium for both aquaponic and hydroponic gardening around the world. Hydrokorrels are a light weight aggregate made by heating clay in a rotary kiln. The yielding gases expand the clay by thousands of small bubbles forming during heating producing a honeycomb structure perfect for encouraging root growth.

- Strong pebble structure doesn't crush
- Records high and low points for both temperature and humidity



- Made of 100% natural clay. Pebbles are of uniform, round shape.
- Inert, pH-neutral, clean and decorative.
- For Orchids: porous structure provides excellent aeration and acts as a water reservoir.
- The size of the pebbles is perfect for medium to large Cattleyas and Laelias.
- For Hydroponics: Ensures good root aeration and prevents rotting, excess acidity and soil pests.





Stone wool is made from a natural, volcanic rock called basalt. Grodan substrates are clean and are free of pollutants and plant diseases. They also enable recirculation of water and nutrients, so there is no waste of input materials.



### A-OK Starter Plug Sheets

Grodan Rockwool Propagation Plugs offer a unique and effective solution to your germination needs. Specifically designed for sowing seeds, Rockwool Propagation Plugs provide you with a sterile and porous substrate that aids in rapid and even root development. The plugs can be either manually transplanted or used in automated transplant machines.

### Grodan Block Delta

Stonewool Cubes are one of our most popular items. Suitable for a wide range of plants, Stonewool Cubes are effective in growing anything from tomatoes, lettuce, flowers and even aquatic plants. The blocks are suitable for producing vegetable and ornamental crop production Grodan Delta blocks feature grooves at the base to promote excellent drainage. These growing blocks are used for direct sowing or can receive rooted propagation cubes such as the AO 36/40 plugs into the hole sizes provided by the blocks. The blocks can then be placed on top of a slab to provide for a larger growing volume.



### Grotop Expert Sheets

Grotop Expert is based on the Next Generation technology. With its unique hydrophilic fibres and vertical fibre structure – resulting in a high resaturation capacity - the slab is perfectly suited for Precision Growing. Grotop Expert represents the ultimate solution for growers seeking a substrate with a wide control range, a rapid start to cultivation and exceptional vigour throughout the entire cultivation period.

### Therm-O-Rock Perlite

Therm-O-Rock West expertly processes perlite to fit your specific needs. The products shown here are but a sample of diverse products we have been producing for horticultural, industrial, and building applications. Our service and product availability make us the perlite industry leader in the Western region of the United States. If you are a commercial grower, or are in the construction business, we may be of great service.

This lightweight Perlite provides superb aeration and moisture retention when mixed in with other soil materials. Perlite supports root growth and retains moisture, air, and nutrients which it releases as plants grow. Also suitable for hydroponic greenhouses. Can be made very low-density as required. Easy handling, loading & unloading.



### Vermiculite

Therm-O-Rock West understands the specific needs of various industrial users of vermiculite. Our vermiculite products are processed with your particular application in mind.

This lightweight vermiculite provides superb aeration and moisture retention when mixed in with peat, bark, or compost. Also makes excellent fertilizer. Vermiculite soil supports root structure and stimulates fast root growth. Can be used by itself to aid soil-less hydroponic greenhouses.





At Grow-Tech, Inc., we pride ourselves on finding solutions to grower problems through the design and manufacture of superior growing media. Our products are designed to reduce labor, boost root development and increase germination rates. Whether you grow poinsettias or microgreens, in a greenhouse, a warehouse or a storage container, Grow-Tech has a product to meet your needs.

**Flexi-Plugs**

FlexiPlugs are created by blending the highest quality peat with other organics and a foam binder. The result is a stabilized propagation medium that promotes faster rooting for cuttings while providing the consistent moisture needed for seed germination. Our pH balanced plug also contains micronutrients and active biologicals so it has all the elements needed to promote healthy root growth and young plant vigor.



**Flexi-Trays**

FlexiTrays consist of stabilized plugs made of peat, other organics and a foam binder. The plugs' consistent moisture control and optimal aeration reduce rooting times which means a faster crop turnaround for you. FlexiTrays provide a ready-to-use system that increases the efficiency of your greenhouse by allowing for earlier transplanting, better crop timing and full automation. FlexiTrays are easy to use and one of our best selling products for starting plants from flowers and vegetables to hemp and marijuana. ACW Supply stocks 50 cell Landmark True Flexi-Plugs and other sizes seasonally. Full pallets available by special order of any size available.

Count	Cell Type	Brand	Tray Width	Tray Length	Cell Width	Cell Height	Cell Volume	Dibble Size
50	Square	Dongjin Plastics	11"/28cm	21"/53cm	1.85"/4.7cm	1.97"/5cm	3.71"/60.88cm	4mm
50	Square	Landmark Plastics	10"/25cm	20"/50.8cm	1.45"/3.68cm	1.63"/4.14cm	13"/33.2cm	4mm, Triple
50	Round	TO Plastics	10"/28cm	21"/53cm	1.94"/4.9cm	1.75"/4.45cm	26.77"/68cm	4mm
60	Strip	Dillen	10"/25cm	20"/51cm	n/a	3"/7.62cm	n/a	4mm
72	Strip	Dillen	10"/25cm	20"/51cm	n/a	2.13"/5.41cm	n/a	4mm
72	Square	Dongjin Plastics	11"/28cm	21"/53cm	1.57"/3.99cm	1.97"/5.0cm	2.38"/39cm	4mm
72	Round	East Jordan Plastics	10"/25cm	20"/51cm	1.25"/3.18cm	2"/5.08cm	6.5"/16.4cm	6mm, TC
72	Square	Landmark Plastics	11"/28cm	21"/53cm	1.25"/3.18cm	1.75"/4.45cm	11"/28cm	4mm
72	Round	TO Plastics	11"/28cm	21"/53cm	1.65"/4.19cm	1.58"/4.01cm	17.7"/45cm	6mm
78	Strip	Blackmore	11"/28cm	21"/53cm	1.38" x 1.38"	1.875"/4.76cm	11"/28cm	4mm
78	Strip	TO Plastics	10"/25cm	20"/51cm	1.13"/2.87cm	2"/5.08cm	8.9"/22.61cm	4mm, Double
84	Hex	Landmark Plastics	11"/28cm	21"/53cm	1.13" x 1.31"	1.63"/4.14cm	8.66"/22cm	4mm
98	Square	Dongjin Plastics	11"/28cm	21"/53cm	1.5"/3.81cm	1.97"/5.0cm	2.44"/40cm	4mm
98	Round	East Jordan Plastics	10"/25cm	20"/51cm	1.31"/3.33cm	1.63"/4.14cm	10.5"/26.5cm	6mm
105	Square	Dongjin Plastics	11"/28cm	21"/53cm	1.33"/1.38cm	1.97"/5.0cm	1.80"/29.4cm	4mm
105	Hex	Landmark Plastics	11"/28cm	21"/53cm	1.25" x 1.38"	1.5"/5.08cm	9"/23cm	4mm
128	Square	Dongjin Plastics	11"/28cm	24"/53cm	1.2"/3.05cm	1.97"/5.0cm	1.41"/23.07cm	6mm
128	Square	TO Plastics	11"/28cm	21"/53cm	1.19"/3.02cm	1.97"/5.0cm	9.88"/25cm	6mm
144	Round	Dillen	10"/25cm	20"/51cm	0.94"/2.39cm	2"/5.08cm	9.7"/24.6cm	4mm
162	Square	TO Plastics	11"/28cm	21"/53cm	1.07"/2.72cm	1.75"/4.45cm	6.7"/17cm	6mm
200	Square	East Jordan Plastics	10"/25cm	20"/51cm	0.875"/2.22cm	1.25"/3.18cm	3.8"/9.67cm	6mm
200	Square	ITML	11"/28cm	24"/53cm	0.91"/2.31cm	1.75"/4.45cm	4.8"/12.3cm	4mm
288	Square	Landmark Plastics	11"/28cm	24"/53cm	0.75"/1.91cm	1"/2.54cm	2.8"/7.2cm	SEED
384	Strip	Blackmore	11"/28cm	24"/53cm	.56" x .63"	1"/2.54cm	1.65"/4.2cm	SEED

**BioStrate**

This lightweight biobased textile is designed for the hydroponic production of microgreens, salad greens and wheatgrass. BioStrate absorbs and retains water while providing an optimal environment for dense healthy root development. Our blend of biopolymers and natural fibers is designed to manage water efficiently for optimal growth in a variety of hydroponic systems.

