



# **SM Series Product Catalog**

**Mastering the Craft  
of Growing Media**



# Mastering the Craft of Growing Media

Berger is a worldwide leader in the production of first-quality growing media. For over 50 years, Berger's team of specialists has used a client-focused approach that meets the specific needs of its customers' crops. For professional growers, this means consistent growth, predictable results, reliable supply, and moreover, trustworthy technical support. From start to finish, how you grow matters as much as what you grow. Quality, consistency, and technical expertise are our trademarks.



# A Trustworthy Partnership

As a global leader in the production of high-quality growing media, Berger's most important mission is to build a rock-solid partnership between our business and yours. Professional growers around the world know they can count on Berger to consistently deliver the right products, in the right quantities, at the right time. We are committed to fulfilling our contractual agreements with all our customers. Moreover, each of our sales representatives is fully committed to make sure you achieve great results.

## Certified Excellence

Berger offers products of undeniable quality. This excellence permeates in every aspect of our activities and is confirmed by several certifications that are recognized worldwide. Berger holds a ISO 9001 certification, which guarantees that the company's operations and processes meet rigorous standards for quality assurance and risk management.

Since 2010, Berger has also been certified by *Veriflora*® for responsible peat-land management. *Veriflora*® certification affirms everything we do to promote the environmental, social and economic well-being of our communities. In addition, many of our products are composed entirely of materials approved for use in organic agriculture by the Organic Materials Review Institute (OMRI).





## SM Series Mixes

The SM series takes its origin from Sun Land Garden Products and is manufactured in California specifically for the Western US market.



### SM Greenhouse Mixes

The SM greenhouse product line is specifically designed for greenhouse production of potted vegetables, ornamentals, annuals, perennials and many more.

It offers a wide variety of substrates with diverse air-water ratio adapted to each greenhouse environment. We can help you find the one that best fit your needs.

#### SMG1 HP

Classic peat and perlite mix. Its high content in horticultural-grade perlite ensures excellent drainage.

##### INGREDIENTS:

Professional Peat Moss  
Horticultural Perlite

#### SMG2

100% natural fibers. Optimal ratio between water retention and air space.

##### INGREDIENTS:

Professional Peat Moss  
Plain Grind Redwood  
Regular Coir

#### SMG3

West coast spin on the classic peat and perlite mix (SMG1). Slightly higher water retention.

##### INGREDIENTS:

Professional Peat Moss  
Horticultural Perlite  
Plain Grind Redwood

#### SMG3 HP

High-porosity alternative to the SMG3. Increased drainage and air space.

##### INGREDIENTS:

Professional Peat Moss  
Horticultural Perlite  
Plain Grind Redwood

#### SMG4

High redwood content. Excellent porosity while maintaining an adequate water content.

##### INGREDIENTS:

Professional Peat Moss  
Horticultural Perlite  
Plain Grind Redwood

#### SMG4 HP

Increased redwood content. Additional drainage with this high-porosity version of the SMG4.

##### INGREDIENTS:

Professional Peat Moss  
Horticultural Perlite  
Plain Grind Redwood



#### Premium Grower Mix\*

This blend contains fir nuggets to increasing air space. Balanced porosity and water retention profile.

##### INGREDIENTS:

Professional Peat Moss  
Horticultural Perlite  
Plain Grind Redwood  
Fir Nuggets

#### Natural & Organic Potting Mix\*

This blend creates a unique structure with high-water retention and ample drainage.

##### INGREDIENTS:

Professional Peat Moss  
Regular Grade Coir  
Fir Nuggets  
Lava Rocks  
Rice Hulls

\*Each of these 2 blends comes with a specific fertilizer package.



## SM Propagation Mixes

The SM propagation product line is made from carefully-selected components of various particles sizes blended to fit your specific seedling and cutting production needs.

It allows uniform filling of flats and trays for seed germination and cutting production of vegetables, annuals and many other crops.



### SMP1

Propagation version of the classic peat and perlite mix. Optimal porosity & water retention.

#### INGREDIENTS:

Fine Peat Moss  
Fine Perlite

### SMP1 HP

High-porosity version of the SMP1. Fine perlite is replaced by horticultural perlite for increased drainage.

#### INGREDIENTS:

Fine Peat Moss  
Horticultural Perlite

### SMP2

West coast spin on the classic peat and perlite propagation substrate. Additional water retention.

#### INGREDIENTS:

Fine Peat Moss  
Fine Perlite  
Fine Grind Redwood

### SMP2 HP

High-porosity version of the SMP2. Larger perlite. Increased perlite and redwood content.

#### INGREDIENTS:

Fine Peat Moss  
Horticultural Perlite  
Fine Grind Redwood



## SM Canning Mixes

The SM canning product line is predominantly manufactured with different grades of redwood to cater to the particular challenges of the nursery industry.

Blended with other high-quality components, these redwoods mixes are ideal to grow trees, shrubs, perennials and many more.

### SMC1

Optimized physical characteristics. Excellent porosity and water retention for exterior productions.

#### INGREDIENTS:

Regular Coir  
Plain Grind Redwood  
Lava Rocks

### SMC1 HP

High-porosity version of the SMC1. Unground redwood for superior drainage and air space.

#### INGREDIENTS:

Regular Coir  
Unground Redwood  
Lava Rocks

### SMC2

Manufactured with local ingredients. Redwood and sand are combined for excellent drainage and added weight.

#### INGREDIENTS:

Plain Grind Redwood  
Sand

### SMC2 HP

High-porosity version of the SMC2. Unground redwood for superior drainage and air space.

**INGREDIENTS:** Unground Redwood & Sand

COMING SOON



## SM Organic Mixes

Made with components approved for organic agriculture by OMRI, the SMO product line is ideal for growers who want to break into this dynamic and rapidly-growing sector of the industry.

Whether for fruits, vegetables, herbs, or even ornamental plants, an organic certified mix is available for every growth stage.

### SMO G2

Optimal ratio between water retention and air space. 100% natural fibers with an organic fertilizer starter charge and wetting agent.

#### INGREDIENTS:

Professional Peat Moss  
Plain Grind Redwood  
Regular Coir

### SMO P2 HP

High-porosity version of the SMP2. Larger perlite. Increased perlite and redwood content with an organic fertilizer starter charge and wetting agent.

#### INGREDIENTS:

Fine Peat Moss  
Horticultural Perlite  
Fine Grind Redwood

### SMO C1

Excellent porosity and water retention for exterior productions. Optimized physical characteristics with an organic fertilizer starter charge and wetting agent.

#### INGREDIENTS:

Regular Coir  
Plain Grind Redwood  
Lava Rocks



## SM Specialty Mixes

The SM specialty product line offers growing media solutions for specific crops with distinctive needs such as berries, citrus, succulents and many more.

### SMS1

Specifically designed for citrus production.

#### INGREDIENTS:

Professional Peat Moss  
Regular Coir  
Plain Grind Redwood

### SMS2

Specifically designed for blueberry production. No lime added to create a low pH environment with excellent drainage.

#### INGREDIENTS:

Professional Peat Moss  
Plain Grind Redwood

### SMS3

Specifically designed for succulent production. High-porosity structure.

#### INGREDIENTS:

Professional Peat Moss  
Horticultural Perlite  
Plain Grind Redwood  
Lava Rocks

### SMS4

Specifically designed for blue or pink hydrangea production. Fertilizer starter charge is adapted accordingly.

#### INGREDIENTS:

Professional Peat Moss  
Horticultural Perlite  
Unground Redwood  
Mulch



# Fertilizer Packages Available\*

<p><b>Standard Fertilizer Starter Charge</b></p> <p>Electrical Conductivity (E.C.) = 2.0 – 3.5 mmhos/cm</p> <p><b>CONTAINS:</b></p> <ul style="list-style-type: none"><li>• Trikote 2X PCSCU 39-0-0 (2-3 months) – Regular Rate</li><li>• Apex Micronutrient Mix – Regular Rate</li><li>• Ferrous Sulfate Heptahydrate – Regular Rate</li><li>• Gypsum – Regular Rate</li><li>• Potassium Nitrate – Low Rate</li><li>• Lime</li><li>• Wetting Agent</li></ul>	<p><b>Low E.C. Fertilizer Starter Charge</b></p> <p>Electrical Conductivity (E.C.) = 1.0 – 2.25 mmhos/cm</p> <p><b>CONTAINS:</b></p> <ul style="list-style-type: none"><li>• Nitroform (38-0-0) – Low Rate</li><li>• Triple Superphosphate (0-45-0) –Low Rate</li><li>• Apex Micronutrient Mix – Low Rate</li><li>• Ferrous Sulfate Heptahydrate – Low Rate</li><li>• Gypsum – Low Rate</li><li>• Potassium Nitrate – Low Rate</li><li>• Lime</li><li>• Wetting Agent</li></ul>	<p><b>No Fertilizer Starter Charge</b></p> <p>Electrical Conductivity (E.C.) = 0.0 – 1.0 mmhos/cm</p> <p><b>CONTAINS:</b></p> <ul style="list-style-type: none"><li>• Lime</li><li>• Wetting Agent</li></ul>
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\*Organic fertilizer package also available upon request.

Bags Available		
<p>Loose <b>1.5 ft<sup>3</sup></b> 42.5 liters</p>	<p>Big bag <b>50 ft<sup>3</sup></b> 1,416 liters</p>	<p>Bulk Material <b>Up to 100 yd<sup>3</sup></b> 76,455 liters</p>

**SM**

CUSTOM BLEND

We can build a custom formulation specifically for your needs.





The Family that Stands by You

## At Your Service

For more than 50 years, Berger has forged a strong reputation with growers worldwide. Our multidisciplinary team has one clear vision: to offer a personalized support throughout your production processes. Berger's team of specialists will be by your side every step of the way to provide details about our products and ensure that you get the right growing mixes when you need them. We are committed to your complete satisfaction and we make sure you have access to all the expertise that comes with every bag of growing media.

**Experience the Berger difference and begin enjoying the benefits today!**



### Berger's Headquarters

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