



Berger's Products & Services

**Mastering the Craft
of Growing Media**

Mastering the Craft of Growing Media

Berger is a worldwide leader in the production of high-quality growing media. Since 1963, 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.

The Berger Team

Berger's team includes over 500 employees in various locations in the Americas, working in many fields of expertise: harvesting, processing, research and development, greenhouse and laboratory, sales and customer services, administration, human resources, IT and programming, logistics and transportation, equipment design and much more. Every individual contributes to the strength of the team, carrying out their daily work in a spirit of family cooperation. It is this dedication and friendly working environment that enables Berger to continue to grow and flourish.

Berger Production & Distribution

Berger's headquarters in Saint-Modeste, near Rivière-du-Loup, Québec, is a true source of pride for the region. In addition, with our many harvesting sites, four mixing plants and four peat processing plants strategically located throughout the Americas, Berger can reliably meet the needs of our customers, consistently offering high-quality products, season after season. Our harvesting sites across Canada help ensure the ample stocks of peat needed to honour our contractual commitments.

Berger products are distributed in over 20 countries, including the United States, Canada, Mexico, Japan, South Korea and several Central American countries. Noted for their quality and consistency, our products are backed by our vast expertise.

Harvesting Sites

Québec

Saint-Modeste
Saint-Antonin
Saint-Fabien
Saint-André-de-Kamouraska
Sainte-Hélène-de-Kamouraska
Rivière-Pentecôte

New Brunswick

Baie-Sainte-Anne
Bay du Vin
Plaster-Rock
Thériault & Hachey

Manitoba

Hadashville
Deer Lake

U.S.A.

Minnesota

CANADA

**Hadashville,
Manitoba**
Peat Processing
Plant

**Watsonville,
California**
Value-Added Mixing Plant

Rivière-Pentecôte, Québec
Peat Processing Plant

Saint-Modeste, Québec
Value-Added Mixing and Peat
Processing Plant

**Baie-Ste-Anne,
& Bay Du Vin,
New Brunswick**
Peat Processing Plant

U.S.A.

Sulphur Springs, Texas
Value-Added
Mixing Plant

MEXICO

A 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 has held ISO 9001 certification since 1996. This certification is a guarantee 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*®, an eco-labelling program for sustainably grown cut flowers and potted plants. *Veriflora*® recognizes companies for their efforts to protect the environment as well as their commitment to their employees, their communities, their business partners and other stakeholders. In other words, *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 made with 100% components listed by OMRI or authorized for organic production.



ISO 9001





Customer Satisfaction

Experience the Berger Difference

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. Our team is dedicated to helping you improve your growing methods – from start to finish. We'll 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, so we make sure you have access to all the expertise that comes with every bag of growing media.

A Wide Range of Analysis and Technical Services

Recognized in the industry for its growing expertise, Berger has a team of specialists dedicated to finding proven and innovative solutions for your production needs. Our expert scientists accompany professional growers like you throughout the growing cycle, helping to boost growth while optimizing and streamlining operations.

You can even ask to have one of our grower advisors visit your facilities. They will provide a personalized approach to help you achieve your business objectives.

Our goal is to better understand your production challenges so we can recommend the best solutions.

Our multidisciplinary team can also carry out a wide variety of chemical and physical analyses, including:

- Saturated Media Extract (SME) analysis;
- Water and nutrient analyses;
- Tissue analyses;
- Complete physical characterization.

Our experts make a point of providing a practical interpretation of your results to ensure that you get the full benefit of these analyses. Talk to your sales representative for complete details.

First-Class Delivery Service

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. By responsibly managing our resources and inventory – and by maintaining excellent relationships with our carriers – we make sure you receive every order when you need it.

Our customer service representatives are always available to check on the status of your orders during production and to track your shipments. From start to finish, the Berger staff is there to guide you and keep you informed.

Advanced Equipment Services

Berger wants to be the partner you can rely on from start to finish, so we have set up a wide range of services to help you get the full benefit of our growing mixes. Using our products just got even better, thanks to our specialized team of equipment mechanics and our equipment optimization advisory service.

Whether you want to facilitate the use of our Skyscrapers, adjust your irrigation system to reduce losses, or simply get better yields from your operation, we will provide unparalleled service.





Berger Mixes

Whether for plant propagation, greenhouse or nursery production of flowers, vegetables, berries and green leaves, one of the substrates from our extensive product line will suit your particular needs. At Berger, we pride ourselves on our ability to manufacture high-quality growing media by creating a uniform and strong root environment year after year.



Nutrient Holding

This growing media line is manufactured with a combination of high quality ingredients that were selected to increase nutrient retention and improve capillarity. The combination of our carefully selected premium peat moss, perlite and vermiculite provides a superior C.E.C., reduces chemical variations, and ensures uniform water distribution.



Seed Germination & Propagation

This fine grade substrate line ensures a perfect contact with the seed or stem and maintains optimal moisture for uniform germination and rapid rooting. From plug trays to paper pots, from ornamentals to vegetables, this series is distinctively formulated to form a consistent root ball for efficient transplantation.



Natural Fibers

Aggregate free, this series is made exclusively from natural fibers. Thanks to the careful handling of our peat moss and the use of innovative alternative materials to create a stabilized root environment, these mixes offer consistent physical characteristics for predictable results.



Natural Fibers & Aggregate

The BM5 product line utilizes both natural fibers and mineral aggregates to create a wide variety of soil structures that are well adapted to different environmental conditions or precisely designed for specific applications.



All-Purpose

This classic peat-perlite series of all-purpose mixes offers an assortment of drainage options that are adapted for a wide variety of growing environments, making it one of our most popular products.



Bark

Produced with mature pine bark, the BM7 series is formulated to maintain optimal drainage for long-term containerized production of perennials, shrubs and trees. These mixes provide an excellent anchor for indoor and outdoor productions.



Water Saving

With the addition of our high quality composted peat moss, these products provide beneficial microorganisms to enhance plant growth. This product line increases the available water reserve and its distribution within the container, improving shelf life in box stores and retail centers.



Peat Grades

Berger offers different grades of carefully selected sphagnum peat moss to suit every horticultural need. All of our professional peat grades are authorized for organic production.

All products can be customized!

We can design a formulation specifically adapted to your needs.





Organic Mixes

Composed entirely of materials authorized for use in organic agriculture, the OM product series is ideal for growers who want to break into this dynamic and rapidly expanding market. Whether for edibles or ornamentals, there is an OM product tailored for every growth stage of your organic crops.



Nutrient Holding

This growing media line authorized for organic production is manufactured with a combination of high quality ingredients that were selected to increase nutrient retention and improve capillarity. The combination of our carefully selected premium peat moss, perlite and vermiculite provides a superior C.E.C., reduces chemical variations, and ensures a uniform water distribution.



Seed Germination & Propagation

This fine grade substrate line authorized for organic production ensures perfect contact with the seed or stem and optimizes moisture for uniform germination and rapid rooting. From plug trays to paper pots, ornamentals to vegetables, this series is distinctively formulated to form a consistent root ball for efficient transplantation.



Natural Fibers

Aggregate free, this series is made exclusively from natural fibers authorized for organic production. Thanks to the careful handling of our peat moss and the use of innovative alternative materials to create a stabilized root environment, these mixes offer consistent physical characteristics for predictable results.



All-Purpose

Authorized for organic production, this classic peat-perlite series of all-purpose mixes offers an assortment of drainage options that are adapted for a wide variety of organic growing environments, making it one of our most popular products.



Sun Land Mixes

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

Available in
California!
Ask for
the detailed
catalog!



Greenhouse

The SM greenhouse product line is specifically designed for greenhouse production of potted vegetables, ornamentals, annuals & perennials. It offers a wide variety of substrates with diverse air-water ratio adapted to each greenhouse environment.



Propagation

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.



Organic

Made with 100% components listed 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.



Canning

The SM canning product line is predominantly manufactured with different grades of redwood to cater 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.



Specialties

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

All-Purpose



BM 1

Nutrient Holding Mix

Incubated pH = 5.4 - 6.2

The combination of high-quality sphagnum peat moss and vermiculite creates a mix with a superior CEC and uniform water distribution. This makes it ideal for plants that are sensitive to pH and EC variations such as geranium, impatiens or New Guinea impatiens.

Advantages: Additional nutrient retention in root rhizosphere between irrigations. Optimizes water management. Increases buffering capacity, reduces chemical variations (pH and EC). Excellent post-harvest properties.

Ingredients: Premium selected coarse grade peat moss, coarse grade perlite, coarse grade vermiculite, dolomitic and calcitic limestone, non-ionic wetting agent and standard fertilizer starter charge.



BM 4
NF Euro

Natural Fiber - Euro Mix

Incubated pH = 5.4 - 6.2

An aggregate-free mix made with carefully selected high-quality sphagnum peat moss to provide consistent physical characteristics for predictable results.

Advantages: Uniform and consistent peat source for stable and predictable crops. Good air-to-water ratio providing a well-balanced root-growth environment and reduced water stress. Can be used as a substrate or as a base for making your own mix. Porous substrate for rapid growth.

Ingredients: Premium selected coarse grade peat moss, dolomitic and calcitic limestone, non-ionic wetting agent and standard fertilizer starter charge.



BM 4
NF Wood

Natural Fiber - Wood Mix

Incubated pH = 5.4 - 6.2

Contains an eco-friendly, sustainable wood-fiber aggregate that mixes perfectly with peat.

Advantages: Offers high water retention combined with rapid air diffusion for very rapid root development. Stable and uniform for the most consistent crops. All organic and compostable with smaller environmental footprint than coir, perlite and vermiculite. Highly compressible for bigger volume yields in compressed formats.

Ingredients: Premium selected coarse grade peat moss, coarse grade wood fiber, dolomitic and calcitic limestone, non-ionic wetting agent and standard fertilizer starter charge.



BM 4
NF Wood HP

Natural Fiber - Wood HP Mix

Incubated pH = 5.4 - 6.2

Contains additional NF Wood for increased porosity and good access to available water.

Advantages: Very rapid air diffusion for fast and healthy root growth. More wood fiber for bigger yields. High water retention reduces plant water stress. All organic and compostable with smaller environmental footprint than coir, perlite and vermiculite.

Ingredients: Premium selected coarse grade peat moss, coarse grade wood fiber, dolomitic and calcitic limestone, non-ionic wetting agent and standard fertilizer starter charge.



Loose		Compressed	
3 ft ³ 85 L	75 ft ³ 2,124 L	3.8 ft ³ 107 L	110 ft ³ 3,115 L



Natural Fiber & Aggregate - Wood Mix

Incubated pH = 5.4 - 6.2

The combination of NF Wood and perlite offers a good balance between drainage and water retention. Easy transition from a peat/perlite mix. Includes all the benefits of the NF wood with the security of perlite.

Advantages: Highly versatile. Reduces chemical use and input costs. Unique soil structure designed for very rapid root development. Uniform and stable for even growth. Increased volume per bale in compressed formats.

Ingredients: Premium selected coarse grade peat moss, coarse grade wood fiber, coarse grade perlite, dolomitic and calcitic limestone, non-ionic wetting agent and standard fertilizer starter charge.



Natural Fiber & Aggregate - Wood HP Mix

Incubated pH = 5.4 - 6.2

For crops that require a more porous substrate, this combination of NF Wood and perlite provides excellent drainage capacity reducing the incidence of water stress and stimulating rapid root development.

Advantages: Forgiving Mix. Rapid air diffusion for fast and healthy root growth. More wood fiber for more volume per bag. Higher drainage capacity for crops that require quicker dry-down periods.

Ingredients: Premium selected coarse grade peat moss, coarse grade wood fiber, coarse grade perlite, dolomitic and calcitic limestone, non-ionic wetting agent and standard fertilizer starter charge.



Natural Fiber & Aggregate - Wood Super HP Mix

Incubated pH = 5.4 - 6.2

The high percentage NF Wood and perlite combined with high quality coarse grade canadian peat moss creates an extremely porous structure providing ample drainage and air space. Ideal for highly water sensitive crops.

Advantages: Very forgiving substrate designed to enhance drainage. Can compensate for lack of ventilation or very humid environments. High perlite content gives the mix a very stable structure, reducing compaction and promoting healthy growth. More wood fiber for bigger yield.

Ingredients: Premium selected coarse grade peat moss, coarse grade wood fiber, coarse grade perlite, dolomitic and calcitic limestone, non-ionic wetting agent and standard fertilizer starter charge.



All-Purpose Mix

Incubated pH = 5.4 - 6.2

The classic peat-and-perlite growing medium made exclusively with superior ingredients and stringent quality-control specifications.

Advantages: Most popular Berger product. Recognized as a best-value product for many crops. Consistent and uniform for predictable results. Works well under varied conditions. Forgiving mix. Average water retention and drainage for regular crops.

Ingredients: Premium selected coarse grade peat moss, coarse grade perlite, dolomitic and calcitic limestone, non-ionic wetting agent and standard fertilizer starter charge.

All-Purpose

Loose		Compressed	
3 ft ³ 85 L	75 ft ³ 2,124 L	3.8 ft ³ 107 L	110 ft ³ 3,115 L



All-Purpose HP Mix

Incubated pH = 5.4 - 6.2

With higher perlite content, this version of our renowned BM6 series is designed to provide additional drainage and aeration.

Advantages: Higher drainage capacity for crops demanding quicker dry-down periods and less water retention in the root environment. Forgiving mix. Reduces plant stress due to excess water. High air diffusion. Rapid root growth for healthy plants.

Ingredients: Premium selected coarse grade peat moss, coarse grade perlite, dolomitic and calcitic limestone, non-ionic wetting agent and standard fertilizer starter charge.



Nutrient Holding Mix

Incubated pH = 5.5 - 6.5

The combination of high-quality sphagnum peat moss and vermiculite creates a mix with a superior CEC and uniform water distribution. This makes it ideal for plants that are sensitive to pH and EC variations such as geranium, impatiens or New Guinea impatiens.

Advantages: Approved for organic production. Additional nutrient and water retention in the rhizosphere between irrigations. Optimizes water management. Increases buffering capacity, reduces chemical variations (pH and EC). Excellent post-harvest properties.

Ingredients: Premium selected coarse grade peat moss, coarse grade perlite, coarse grade vermiculite, composted peat moss, dolomitic and calcitic limestone, organic wetting agent and pelletized natural fertilization.



All-Purpose Mix

Incubated pH = 5.5 - 6.5



The classic peat-and-perlite growing medium made exclusively with superior ingredients and stringent quality-control specifications.

Advantages: Recognized as a best-value products for many crops. Consistent and uniform for predictable result. Works well under various condition. Forgiving mix. Average water retention and drainage for regular crops.

Ingredients: Premium selected fine grade peat moss, coarse grade perlite, composted peat moss, dolomitic and calcitic limestone, organic wetting agent and pelletized natural fertilization.



All-Purpose HP Mix

Incubated pH = 5.5 - 6.5

With higher perlite content, this version of our renowned BM6 series is designed to provide additional drainage and aeration.

Advantages: Approved for organic production. Higher drainage capacity for crops demanding quicker dry-down periods and less water retention in the root environment. Forgiving mix. Reduces plant stress due to excess water. High air diffusion. Rapid root growth for healthy plants. Good particle-size distribution for uniform growth.

Ingredients: Premium selected coarse grade peat moss, coarse grade perlite, composted peat moss, dolomitic and calcitic limestone, organic wetting agent and pelletized natural fertilization.

Water Saving

Loose		Compressed	
3 ft ³ 85 L	75 ft ³ 2,124 L	3.8 ft ³ 107 L	110 ft ³ 3,115 L



Natural Fiber - Wood Mix

Incubated pH = 5.4 - 6.2

Contains an eco-friendly, sustainable wood-fiber aggregate that mixes perfectly with peat.

Advantages: Offers high water retention combined with rapid air diffusion for very rapid root development. Stable and uniform for the most consistent crops. All organic and compostable with smaller environmental footprint than coir, perlite and vermiculite. Highly compressible for bigger volume yields in compressed formats.

Ingredients: Premium selected coarse grade peat moss, coarse grade wood fiber, dolomitic and calcitic limestone, non-ionic wetting agent and standard fertilizer starter charge.



Water Saving Mix

Incubated pH = 5.4 - 6.2

With the addition of our professional grade composted peat moss, this mix is specifically designed to lengthen the dry-down period.

Advantages: Contains additional nutrients and beneficial micro-organisms. Higher water retention coupled with good air space. Improves water distribution within the container. Higher CEC for increased buffering capacity. Good for post-harvest environment (retailers & box stores).

Ingredients: Premium selected coarse grade peat moss, coarse grade perlite, composted peat moss, dolomitic and calcitic limestone, non-ionic wetting agent and standard fertilizer starter charge.



Garden Mums Mix

Incubated pH = 5.4 - 6.2

Made with our professional grade composted peat moss, this substrate increases the amount of available water.

Advantages: Contains additional nutrients and beneficial micro-organisms. Improved water retention and distribution in containers. Higher CEC for increased buffering capacity. Good for post-harvest environment (retailers & box stores).

Ingredients: Selected professional grade peat moss, coarse grade perlite, composted peat moss, dolomitic and calcitic limestone, non-ionic wetting agent and standard fertilizer starter charge.

Seed Germination & Propagation



BM 2

Seed Germination Mix

Incubated pH = 5.2 - 6.0

High-quality, general-purpose plug mix for unmatched uniformity during seed germination and seedling production. This fine-textured medium is designed for dry conditions or when additional moisture is required.

Advantages: Easy-to-use mix fills small cells perfectly for consistent growth. Balanced water-to-air ratio allows rapid root ball development. Vermiculite improves water distribution and management. High CEC reduces pH and EC variations. Flexible and forgiving substrate. Low fertilizer starter charge lets you control fertigation.

Ingredients: Premium selected fine grade peat moss, fine grade perlite, fine grade vermiculite, dolomitic and calcitic limestone, non-ionic wetting agent and standard seedling fertilizer starter charge.



BM 2

Propagation Mix

Incubated pH = 5.2 - 6.0

This substrate is made with coarser aggregates for propagation in trays with larger cells and in paper pots.

Advantages: Excellent CEC for chemical stability. Good drainage allows water flow and air diffusion. Rapid, uniform root development on cuttings and seedlings, forming dense and stable root balls.

Ingredients: Premium selected fine grade peat moss, coarse grade vermiculite, coarse grade perlite, dolomitic and calcitic limestone, non-ionic wetting agent and standard seedling fertilizer starter charge.



BM 2

Propagation Paper Pot Mix

Incubated pH = 5.2 - 6.0

Designed to optimize handling of growing media during paper pot filling operations, this combination of coarse grade perlite and hammer-milled professional peat moss provides additional drainage and porosity ideal to root cuttings or to produce water-sensitive seedlings.

Advantages: High drainage propagation mix. Free of impurities (sticks). Rapid root development of cuttings and seedlings. Excellent aeration regardless of cavity depth. Dense and stable root ball for increased transplant success.

Ingredients: Premium selected hammer-milled professional grade peat moss, coarse grade perlite, dolomitic and calcitic limestone, non-ionic wetting agent and standard seedling fertilizer starter charge.



BM 2 EURO

Propagation Euro Mix

Incubated pH = 5.2 - 6.0

This aggregate-free mix is made with specially selected peat moss containing a higher percentage of medium-size fibers to provide uniform germination and seedling growth. Can be used on its own or as a base for making your own substrate.

Advantages: Uniform particle size to optimize tray filling. Well-balanced, uniform pH and nutrient content for predictable results. Excellent water-to-air ratio to stimulate root development.

Ingredients: Premium selected fine grade peat moss, dolomitic and calcitic limestone, non-ionic wetting agent and standard seedling fertilizer starter charge.



Loose		Compressed	
3 ft³ 85 L	75 ft³ 2,124 L	3.8 ft³ 107 L	110 ft³ 3,115 L



Propagation HP Mix

Incubated pH = 5.2 - 6.0

Made with coarse perlite to provide additional drainage and aeration, this growing medium is designed for propagation of water-sensitive plants.

Advantages: High drainage propagation mix. Free of impurities. Reduced starter charge of fertilizer lets you control fertigation to produce stockier and sturdier young plants.

Ingredients: Premium selected fine grade peat moss, coarse grade perlite, dolomitic and calcitic limestone, non-ionic wetting agent and standard seedling fertilizer starter charge.



Tobacco Mix

Incubated pH = 5.2 - 6.0

The high-quality fine grade sphagnum peat moss combined with coarse vermiculite creates uniform capillarity for excellent wicking properties in sub-irrigation systems.

Advantages: High CEC reduces pH and EC variation. Uniform particle size to optimize tray filling. Rapid and uniform water absorption for floating systems. High-porosity mix provides good root anchorage and rapid root development for easy transplantation.

Ingredients: Premium selected fine grade peat moss, coarse grade vermiculite, fine grade perlite, dolomitic and calcitic limestone, non-ionic wetting agent and standard seedling fertilizer starter charge.



Pine Seedling Mix

Incubated pH = 3.0 - 4.2

This lime-free product was developed for uniform germination and production of evergreen seedlings, particularly pines. The professional grade peat moss is specially processed to eliminate sticks while maintaining good aeration and drainage.

Advantages: Maintains good aeration and drainage. No sticks. Easy to fill propagation trays. Keeps the root ball vigorous for better take off.

Ingredients: Premium selected professional grade peat moss, coarse grade perlite, coarse grade vermiculite, non-ionic wetting agent and specifically designed starter charge with CRF.



Seed Germination Mix

Incubated pH = 5.2 - 6.0



High-quality, general-purpose plug mix for peerless uniformity during seed germination and seedling production. This fine-textured medium is designed for dry conditions or when additional moisture is required.

Advantages: Easy-to-use mix fills small cells perfectly for consistent growth. Balanced water-to-air ratio allows rapid root-ball development. Vermiculite improves water distribution and management. Flexible and forgiving substrate.

Ingredients: Premium selected fine grade peat moss, fine grade perlite, fine grade vermiculite, dolomitic and calcitic limestone, organic wetting agent and pelletized natural fertilization.



Propagation Euro Mix

Incubated pH = 5.2 - 6.0

This aggregate-free mix is made with specially selected peat moss containing a higher percentage of medium-size fibers to provide uniform germination and seedling growth. Can be used on its own or as a base for making your own substrate.

Advantages: Approved for organic production. Uniform particle size to optimize tray filling. Well-balanced, uniform pH and nutrient content for predictable results. Excellent water-to-air ratio to stimulate root development.

Ingredients: Premium selected fine grade peat moss, dolomitic and calcitic limestone and organic wetting agent.

Drainage



Natural Fibers - Wood & Coir HP Mix

Incubated pH = 5.4 - 6.2

Combination of wood fiber, coir chips and peat moss for additional air space and drainage. The combination of three different natural fibers allows us to create unique physical characteristics that promote a healthy root environment.

Advantages: 100% natural fibers, all organic and compostable with a smaller environmental footprint than perlite and vermiculite. Maintains sufficient moisture levels while draining excess water.

Ingredients: Premium selected coarse grade peat moss, coarse grade wood fiber, coir chips, dolomitic and calcitic limestone, non-ionic wetting agent and standard fertilizer starter charge.



Natural Fiber - Euro HP Mix

Incubated pH = 5.4 - 6.2

Aggregate-free mix in which the large particle size of the peat moss provides aeration and porosity.

Advantages: Premium select super coarse peat provides a physical environment similar to that offered by aggregates. Rapid and uniform plant development. Completely organic. Easy to use in any growing conditions.

Ingredients: Premium selected super coarse grade peat moss, dolomitic and calcitic limestone, non-ionic wetting agent and standard fertilizer starter charge.



Natural Fiber - Wood HP Mix

Incubated pH = 5.4 - 6.2

Contains additional NF Wood for increased porosity and good access to available water.

Advantages: Very rapid air diffusion for fast and healthy root growth. More wood fiber for bigger yields. High water retention reduces plant water stress. All organic and compostable with smaller environmental footprint than coir, perlite and vermiculite.

Ingredients: Premium selected coarse grade peat moss, coarse grade wood fiber, dolomitic and calcitic limestone, non-ionic wetting agent and standard fertilizer starter charge.



Natural Fiber & Aggregate - Wood HP Mix

Incubated pH = 5.4 - 6.2

For crops that require a more porous substrate, this combination of NF Wood and perlite provides excellent drainage capacity reducing the incidence of water stress and stimulating rapid root development.

Advantages: Forgiving Mix. Rapid air diffusion for fast and healthy root growth. More wood fiber for more volume per bag. Higher drainage capacity for crops that require quicker dry-down periods.

Ingredients: Premium selected coarse grade peat moss, coarse grade wood fiber, coarse grade perlite, dolomitic and calcitic limestone, non-ionic wetting agent and standard fertilizer starter charge.



Natural Fiber & Aggregate - Wood Super HP Mix

Incubated pH = 5.4 - 6.2

The high percentage NF Wood and perlite combined with high quality coarse grade canadian peat moss creates an extremely porous structure providing ample drainage and air space. Ideal for highly water sensitive crops.

Advantages: Very forgiving substrate designed to enhance drainage. Can compensate for lack of ventilation or very humid environments. High perlite content gives the mix a very stable structure, reducing compaction and promoting healthy growth.

Ingredients: Premium selected coarse grade peat moss, coarse grade wood fiber, coarse grade perlite, dolomitic and calcitic limestone, non-ionic wetting agent and standard fertilizer starter charge.



Loose		Compressed	
3 ft ³ 85 L	75 ft ³ 2,124 L	3.8 ft ³ 107 L	110 ft ³ 3,115 L



All-Purpose HP Mix

Incubated pH = 5.4 - 6.2

With higher perlite content, this version of our renowned BM6 series is designed to provide additional drainage and aeration.

Advantages: Higher drainage capacity for crops demanding quicker dry-down periods and less water retention in the root environment. Forgiving mix. Reduces plant stress due to excess water. High air diffusion. Rapid root growth for healthy plants. Good particle-size distribution for uniform growth.

Ingredients: Premium selected coarse grade peat moss, coarse grade perlite, dolomitic and calcitic limestone, non-ionic wetting agent and standard fertilizer starter charge.



All-Purpose Super HP Mix

Incubated pH = 5.4 - 6.2

This high-aggregate version of our renowned BM6 All-Purpose product has extra perlite for enhanced drainage and aeration.

Advantages: Very forgiving mix. Enhanced drainage is ideal for bulb storage. Compensates for lack of ventilation or very humid environment. High perlite content gives the mix a very stable structure, reducing compaction and promoting regular growth. Improves water management.

Ingredients: Premium selected coarse grade peat moss, coarse grade perlite, dolomitic and calcitic limestone, non-ionic wetting agent and standard fertilizer starter charge.



Natural Fiber - Euro HP Mix

Incubated pH = 5.5 - 6.5

Aggregate-free mix in which the large particle size of the peat moss provides aeration and porosity.

Advantages: Approved for organic production. Premium select super coarse peat provides a physical environment similar to that offered by aggregates. Rapid and uniform plant development. Completely organic. Easy to use in any growing conditions.

Ingredients: Premium selected super coarse grade peat moss, composted peat moss, dolomitic and calcitic limestone, organic wetting agent and pelletized natural fertilization.



All-Purpose HP Mix

Incubated pH = 5.5 - 6.5

With higher perlite content, this version of our renowned BM6 series is designed to provide additional drainage and aeration.

Advantages: Approved for organic production. Higher drainage capacity for crops demanding quicker dry-down periods and less water retention in the root environment. Forgiving mix. Reduces plant stress due to excess water. High air diffusion. Rapid root growth for healthy plants. Good particle-size distribution for uniform growth.

Ingredients: Premium selected coarse grade peat moss, coarse grade perlite, composted peat moss, dolomitic and calcitic limestone, organic wetting agent and pelletized natural fertilization.

Organic



Nutrient Holding Mix

Incubated pH = 5.5 - 6.5

The combination of high-quality sphagnum peat moss and vermiculite creates a mix with a superior CEC. This makes it ideal for plants that are sensitive to pH and EC variations such as geranium, impatiens or New Guinea impatiens.

Advantages: Approved for organic production. Additional nutrient and water retention in the rhizosphere between irrigations. Optimizes water management. Increases buffering capacity, reduces chemical variations (pH and EC). Excellent post-harvest properties.

Ingredients: Premium selected coarse grade peat moss, coarse grade perlite, coarse grade vermiculite, composted peat moss, dolomitic and calcitic limestone, organic wetting agent and pelletized natural fertilization.



Seed Germination Mix

Incubated pH = 5.2 - 6.0



High-quality, general-purpose plug mix for peerless uniformity during seed germination and seedling production. This fine-textured medium is designed for dry conditions or when additional moisture is required.

Advantages: Easy-to-use mix fills small cells perfectly for consistent growth. Balanced water-to-air ratio allows rapid root-ball development. Vermiculite improves water distribution and management. Flexible and forgiving substrate.

Ingredients: Premium selected fine grade peat moss, fine grade perlite, fine grade vermiculite, dolomitic and calcitic limestone, organic wetting agent and pelletized natural fertilization.



Propagation Euro Mix

Incubated pH = 5.2 - 6.0

This aggregate-free mix is made with specially selected peat moss containing a higher percentage of medium-size fibers to provide uniform germination and seedling growth. Can be used on its own or as a base for making your own substrate.

Advantages: Approved for organic production. Uniform particle size to optimize tray filling. Well-balanced, uniform pH and nutrient content for predictable results. Excellent water-to-air ratio to stimulate root development.

Ingredients: Premium selected fine grade peat moss, dolomitic and calcitic limestone and organic wetting agent.



Natural Fiber - Euro Mix

Incubated pH = 5.5 - 6.5

An aggregate-free mix made with carefully selected high-quality sphagnum peat moss to provide consistent physical characteristics for predictable results.

Advantages: Approved for organic production. Uniform and consistent peat source for stable and predictable crops. Good air-to-water ratio providing a well-balanced root-growth environment and reduced water stress. Can be used as a substrate or as a base for making your own mix. Porous substrate for rapid growth.

Ingredients: Premium selected coarse grade peat moss, composted peat moss, dolomitic and calcitic limestone, organic wetting agent and pelletized natural fertilization.



Natural Fiber - Euro HP Mix

Incubated pH = 5.5 - 6.5

Aggregate-free mix in which the large particle size of the peat moss provides aeration and porosity.

Advantages: Approved for organic production. Premium select super coarse peat provides a physical environment similar to that offered by aggregates. Rapid and uniform plant development. Completely organic. Easy to use in any growing conditions.

Ingredients: Premium selected super coarse grade peat moss, composted peat moss, dolomitic and calcitic limestone, organic wetting agent and pelletized natural fertilization.



All-Purpose Mix

Incubated pH = 5.5 - 6.5



The classic peat-and-perlite growing medium made exclusively with superior ingredients and stringent quality-control specifications.

Advantages: Recognized as a best-value products for many crops. Consistent and uniform for predictable result. Works well under various condition. Forgiving mix. Average water retention and drainage for regular crops.

Ingredients: Premium selected fine grade peat moss, coarse grade perlite, composted peat moss, dolomitic and calcitic limestone, organic wetting agent and pelletized natural fertilization.



All-Purpose HP Mix

Incubated pH = 5.5 - 6.5

With higher perlite content, this version of our renowned BM6 series is designed to provide additional drainage and aeration.

Advantages: Approved for organic production. Higher drainage capacity for crops demanding quicker dry-down periods and less water retention in the root environment. Forgiving mix. Reduces plant stress due to excess water. High air diffusion. Rapid root growth for healthy plants. Good particle-size distribution for uniform growth.

Ingredients: Premium selected coarse grade peat moss, coarse grade perlite, composted peat moss, dolomitic and calcitic limestone, organic wetting agent and pelletized natural fertilization.



All OM products are made with 100% components listed by OMRI.

The Organic Materials Review Institute (OMRI) is a certification program for materials approved for use on organic farms in the United States.

OMRI lists inputs such as fertilizers, pest controls, and livestock care products that are compliant with organic standards. Allowed products are "OMRI Listed®" and may display the OMRI seal. These "input" products are then used to produce organic food and fiber products that are certified by an accredited certifying body.

Nursery

Loose		Compressed	
3 ft ³ 85 L	75 ft ³ 2,124 L	3.8 ft ³ 107 L	110 ft ³ 3,115 L



BM 7

Bark Mix

Incubated pH = 5.5 - 6.5

General-purpose bark mix providing additional weight and a balanced air-to-water ratio.

Advantages: Longer dry-down cycle for warmer climates. Reduces water stress. Heavier weight for superior stability in larger containers. Provides more weight to anchor trees, shrubs and perennials. Stable structure for long-term crops.

Ingredients: Premium selected coarse grade peat moss, coarse grade perlite, bark, dolomitic and calcitic limestone, non-ionic wetting agent and nursery fertilizer starter charge.



BM 7

Coarse Bark Mix

Incubated pH = 5.5 - 6.5

The combination of coarse bark and perlite creates good aeration and porosity while providing additional weight.

Advantages: Uniform and predictable bark mix. Provides more weight to anchor trees, shrubs and perennials. Stable structure for long-term crops. Forgiving substrate with good drainage. Available in compressed formats.

Ingredients: Premium selected coarse grade peat moss, coarse grade perlite, coarse bark, dolomitic and calcitic limestone, non-ionic wetting agent and nursery fertilizer starter charge.



BM 7 HP

Bark HP Mix

Incubated pH = 5.5 - 6.5

Higher bark content provides excellent porosity and drainage while providing additional weight.

Advantages: Uniform and predictable bark mix. Heavy weight for superior stability in larger containers. Provides more weight to anchor trees, shrubs and perennials. Stable structure for long-term crops. Forgiving substrate with good drainage.

Ingredients: Premium selected coarse grade peat moss, coarse grade perlite, bark, dolomitic and calcitic limestone, non-ionic wetting agent and nursery fertilizer starter charge



BM 8

Garden Mums Mix

Incubated pH = 5.4 - 6.2

Made with our professional grade composted peat moss, this substrate increases the amount of available water.

Advantages: Contains additional nutrients and beneficial micro-organisms. Improved water retention and distribution in containers. Higher CEC for increased buffering capacity. Good for post-harvest environment (retailers & box stores).

Ingredients: Selected professional grade peat moss, coarse grade perlite, composted peat moss, dolomitic and calcitic limestone, non-ionic wetting agent and standard fertilizer starter charge.

Peat Moss

Compressed

3.8 ft ³ 107 L	6 ft ³ 170 L	110 ft ³ 3,115 L
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Fine Sphagnum Peat Moss

Incubated pH = 3.5 - 4.5



This clean sphagnum peat moss is excellent for tree seed germination, soil amendments, and plants needing high water retention. Berger's high-tech screening process guarantees the consistency professional growers depend on.

Ingredients: Premium selected fine grade peat moss.



Professional Sphagnum Peat Moss

Incubated pH = 3.5 - 4.5



The most popular on the market, this all-purpose sphagnum peat moss can be used for soil conditioning or in the preparation of balanced growing mixes.

Ingredients: Premium selected professional grade peat moss.



Coarse Sphagnum Peat Moss

Incubated pH = 3.5 - 4.5



Reducing the need for aggregates, this coarse sphagnum peat moss gives the professional grower the same air capacity and drainage as with perlite and vermiculite, but with better water availability.

Ingredients: Premium selected coarse grade peat moss.

Components



Peat Moss

Sphagnum peat fibers have the characteristics of a sponge. They can absorb up to 20 times their dry weight in water and nutrients, and release it over time, making it the preferred component of professional growing media. Berger's peat is always consistent thanks to a balanced ratio of different peat sources from multiple bogs as well as a meticulous handling process.



Perlite

Expanded in-house and sieved to isolate coarse and fine particles, Berger's exceedingly consistent perlite is manufactured to meet the highest quality standards. It is chemically inert, therefore it helps increase air space and drainage in a growing media without affecting the pH.



Vermiculite

Manufactured in our state of the art facilities, our vermiculite is blended in Berger mixes only after being sieved and undergoing a rigorous quality control process. Improves nutrient retention and availability while helping evenly distribute water throughout the growing media after irrigations. Stimulates the rapid development of a healthy root system which is critical for young plants.



Wood Fiber

Optimized equilibrium between water retention and air porosity. Sustainable, biodegradable and renewable product that helps reduce the use of chemicals. Specifically designed through Berger R&D with distinctive characteristics adapted for our blends. Controlled all along the production line.



Composted Peat Moss

Increases growing media's ability to retain water. Compost also provides nutrients and beneficial microorganisms. Our consistent high quality OMRI certified compost is made at Berger facilities. It is constantly monitored during all the phases of the composting process and protected from contaminants while it matures and during storage.



Red Wood

Mainly used in nursery productions, aged redwood is an excellent growing media component. It is also appreciated under greenhouse conditions thanks to its adaptable physical properties, giving the ability to adjust the air/water ratio. Berger produces three different grades of redwood to meet the needs of growers on the West Coast.



Bark

Increases aeration and improves drainage to promote a vigorous rooting system. Heavyweight, bark has a slow decomposition rate and is great for pot stability which is critical for long term crops. Following rigorous quality control standards, Berger produces different grades of bark to cater to the various needs of growers for both indoor and outdoor productions.



Coir

By utilizing different grades of coir, the physical characteristics of a growing media can be tweaked to increase or decrease air capacity. This biodegradable component can also improve water distribution. Berger utilizes coir that has been consistently processed and thoroughly treated to ensure uniformity and low EC levels (salt content).

Optimizing Yield and Potting Practices

Berger's products are manufactured to benefit growers, but they need to be handled properly to maximize results. By optimizing their potting practices, growers can get the most out of their Berger products.

Storage & Growing Media Handling

Bags or bales should be stored in a cool area out of direct sunlight as much as possible. If the material is stored for long periods (> 4 months), the wettability of the growing media should be verified before use. When handling, the goal is to prevent damage to the growing media as much as possible. Fluffing and potting equipment should be selected and adjusted with care.

Avoid Compaction

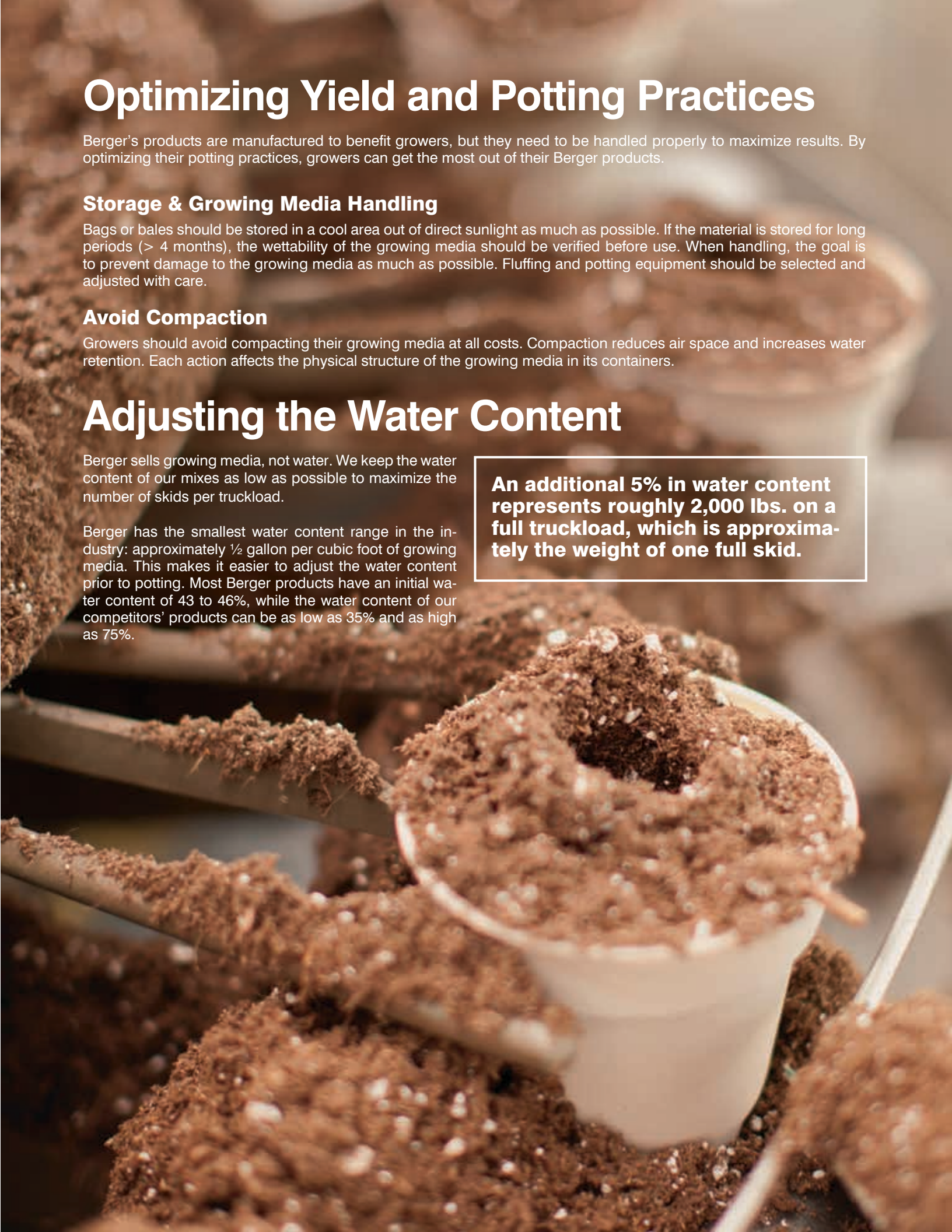
Growers should avoid compacting their growing media at all costs. Compaction reduces air space and increases water retention. Each action affects the physical structure of the growing media in its containers.

Adjusting the Water Content

Berger sells growing media, not water. We keep the water content of our mixes as low as possible to maximize the number of skids per truckload.

Berger has the smallest water content range in the industry: approximately $\frac{1}{2}$ gallon per cubic foot of growing media. This makes it easier to adjust the water content prior to potting. Most Berger products have an initial water content of 43 to 46%, while the water content of our competitors' products can be as low as 35% and as high as 75%.

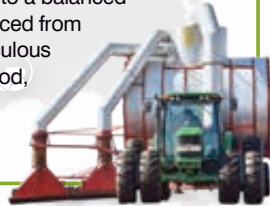
An additional 5% in water content represents roughly 2,000 lbs. on a full truckload, which is approximately the weight of one full skid.



Berger's 360° DNA

1 Peat Harvesting

Berger's Canadian peat bogs are located in 12 different areas: throughout the province of Québec, in New Brunswick, and in Manitoba. These different harvesting sites ensure a great availability of the exceptional resource that is peat, and make our supplying commitments reliable. Thanks to a balanced ratio of our different peat grades sourced from all our sites, combined with our meticulous selection process and handling method, we can guarantee the consistency of first-quality sphagnum peat fibers, season after season.



2 Ingredient Selection

Berger responsibly selects and processes raw materials with meticulous handling methods in all of its eight North-American manufacturing facilities.

Moreover, we take pride in our first-quality ingredients for every of our growing mixes. Each component offers characteristics that are carefully evaluated and integrated into our specific-purpose blends to optimize growing results.



3

Quality Control

From raw material to growing media packaging, each harvesting, storage and processing stage has its own range of testing requirements which enables Berger to make real-time adjustments. More than 280,000 quality tests are done annually in our laboratories and manufacturing plants - our strong expertise guarantees you the highest product efficiency on the market.

The quality control system at Berger is what ensures that proper care is applied to every processing step, to provide professional growers with uniform products of superior quality, regardless of the manufacturing site or the season they were produced.



Custo Nee

At the Heart of

4 Skyscraper System

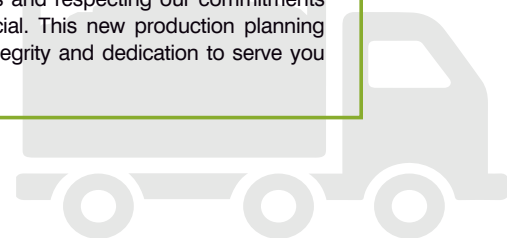
The skyscraper has been Berger's most popular packaging format among professional growers for almost 25 years. It was the first to be introduced in the industry in 1993, and now every 225 ft³ practical unit saves 2.5 hours of manual labor time, reduces plastic waste by nearly 80% and significantly improves transportation efficiency compared to a regular pallet of bales. That means better margins.



5 Logistics & Delivery

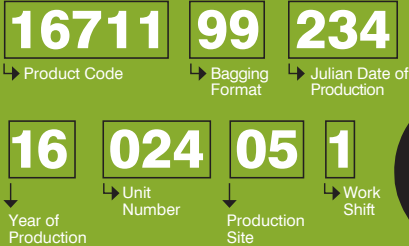
To keep offering a reliable and efficient product supply in a context where our company is experiencing tremendous growth, a complete review of our logistic processes was initiated in the fall of 2016. Since then, Berger's production planning system is allowing better operation efficiency and proper inventory level for main products. Strong partnerships were also confirmed with strategically-located storage sites and reliable carriers to offer a greater flexibility regarding our customers' delivery.

Berger has strong values and respecting our commitments with our partners is crucial. This new production planning method attests to our integrity and dedication to serve you better.



6 Traceability System

For Berger, traceability is extremely important. With a proven identification process, we can trace all the individual ingredients that were used to produce each blend, and samples of each production are kept for a full year after the mix is manufactured.



7

Direct Approach

Berger sales team ensures that the quality and effectiveness of our products translate into high-yield and quality crops for you. Our direct approach testifies about our authenticity and desire to be a devoted partner from the very beginning of your project, throughout your operations, among challenges and achievements.

Whenever you need it, your sales representative is your VIP access to benefit from Berger's full expertise.

omers'
eds
Our Operations

8

Technical Services Support

The sole purpose of Berger's technical services is to support all professional growers throughout their entire production cycle by helping optimize and streamline their operations. Focusing on your success, educational seminars, training guide, technical videos and other practical tools are developed by our experts according to what really matters to you.

Moreover, every greenhouse trial that we run in your own horticultural environment is carefully followed up by our grower advisors to ensure best cultivation practices and results.



9

Lab Analyses

Berger's laboratories in the United States of America and in Canada offer a quick and efficient analyses service wherever you are located. Our labs use the latest state-of-the-art technology and rely on highly-skilled personnel to obtain precise and dependable results. To allow you to take full advantage of these analyzes, interpretation of results is an integral part of our services. Our short turnaround time will allow you to react rapidly and implement effective corrective measures.





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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