



BROWN GROW

Product Range



BROWN GROW

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Why Coir?

Coir fiber obtained from the outer layer of the coconut fruit grown in Sri Lankan estates are one of the world's best crop growing mediums. Sri Lanka's strategic geographical placement makes country's soil characteristics and climate conditions versatile and unique for products such as coco coir. High air porosity and water absorption and retention capacities make Sri Lankan coco coir distinctive compared to other coir manufacturing countries.



- Coco coir's high air porosity ensures a constant supply of air to the plant's root system, allowing plants to grow with fewer diseases and produce higher yields.
- Coir is an excellent water and nutrient retention growing medium and allows the plant's roots to absorb only the required amount of water and nutrients.
- Coir has a quick drainage characteristics which allows to water the plant less frequently and in short periods, thus the nutrients required for plant growth is not lost. Quick drainage also prevents water logging around plant roots, reducing the chance for root rot.

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- Coir has an ability to absorb water quickly from dry state, which ensure no water is running off from the top surface.
- Coir naturally resists the development of pest infestations, diseases, algae growth and fungus in plants/crops by keeping the top surface of the growing medium dry.
- Coir has an optimal pH range of 5.7 - 6.7, that allow plants to absorb nutrients more effectively than other growing mediums.
- Nutrients which exceed the pH level of 7 are naturally destroyed, whilst the nutrients that are below the pH level of 5.7 are not absorbed by the plant's root.
- The 30% aeration property and balanced pH level of coir, helps the plants growing in coir substrates to be healthier and have stronger roots compared to other plants growing on soil or other growing mediums.



- Physical properties of coir provide structural support for plants during growth cycle avoiding the tendency to decompose during plant growth.
- Coir is a natural renewable resource which is biodegradable and environmentally friendly.
- Coir is 100% natural & organic.
- The easy disposable feature of coir makes it an ideal growing medium for hydroponics, horticulture, floriculture seeding nurseries and green houses.
- Coir could be recycled back to the environment to improve soil conditions



Quality

Quality begins at the sourcing stage of Brown Grow, where only the superior quality coconut husk chips and coir are obtained from the rich coconut plantations of Sri Lanka. The in-house quality department conducts quality checks to assess the moisture content, density, fiber, pH and EC levels of the coir to ensure that it meets the required Brown Grow standards. All products of Brown Grow are produced using 100% natural & pure coconut chips & coir peat. Even the water used for washed coir products are sourced from clean spring water than chemically treated waterways. Quality is the core for Brown Grow, therefore our QA team ensures that stringent procedures are in place to maintain the quality thoroughly throughout the production process.

Backed with over a decade of R&D commitment and expertise in the industry for over 20 years, the Brown Grow team has devised a range of value-added coir products that caters to different countries various climate zones and specific crops. Getting the right mix for the coco products is predominant for Brown Grow to ensure it satisfies worldwide growers who depend on Brown Grow grow bags to increase their crop harvest. We have perfected the mixes to increase water holding capacity and aeration for healthy root and plant development.

Brown Grow is ISO 9001:2015 quality certified and our products are OMRI and GMP quality certified.



Frequently Asked Questions

What Is Coir?

Coir is the fibrous part extracted from the outer husk of coconuts as a byproduct of the coconut harvesting process. Coir is naturally nutrient-rich, retain and drain water, highly aerated and bio-degradable hence, it becomes an excellent grow medium.

Coir as a Grow Medium. How Good is it?

Main advantages of using coir as a grow medium is its porosity and the ability to retain water & nutrients. Coco coir fibers can both retain and drain water.

Coco coir pH is generally neutral at the range of 5.7-6.7, whilst mediums such as Sphagnum Peat Moss have a lower pH and therefore more acidic in nature.

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Coco coir is a renewable and organic substrate compared to other mediums such as peat moss that takes many years to harvest or reform.

The biodegradability of coir makes it highly environmentally friendly, as it enriches the soil even after disposal.

Transportation of coir is easier compared to other bulky growing mediums. The ability to compress volume of coir seven times makes it an affordable option for worldwide growers.

Is Coco/Coir Growing Medium an Organic Product?

Yes. It is a 100% organic product made purely from coconut husks. Brown Grow products are also certified under International Organic certificate of OMRI.

Is Coco/Coir Environmentally Friendly?

Brown Grow Coco Coir products are 100% natural & environmentally friendly from the point of sourcing coconut husks up to disposal after use. Out of the limited environmentally friendly growing medium options used in the world today, coco/coir is the only medium that can boast of this fact.



Is Coco/Coir Growing Medium Bio-degradable?

Yes. It is completely biodegradable that decay over time enriching the soil.

How do I choose the right product for my crop?

The products are developed according to specific crop varieties. However, the product specifications may vary depending on your climate zone & crops.

Please contact our Technical Product Consultant at lopez@browncoir.com on +94 77 313 0010 or WhatsApp on the same number, to get further advice on the best coir product suitable for your crop and climate zone.

Are your products better than other brands?

Brown Grow has become a trusted brand for the past two decades of operation amongst thousands of growers in over multiple countries. We perfect our products by working closely with worldwide growers, identify their problems and innovate products to address those issues. Our manufacturing process follows rigid quality standards to enhance efficiency.

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Brown Grow Starter Cube (Super Washed)

Brown Grow Starter Cubes are also an ideal solution for nurseries which could be used for juvenile plants and faster propagation. It has an excellent water holding capacity of 8.0-9.0% and aeration of 15-25% at full saturation for faster and healthier root growth of smaller plants. The raw coir is super-washed to process the best of the materials without foreign particles. Brown Grow starter cubes can be transplanted into Brown Grow Faster Bags or Grow Bags after the plant is sufficiently matured by conveniently removing the cube's bottom part of the cover.

Generally, starter cubes come with UV protected bags but could be wrapped in biodegradable covers on customer request.

Further consultancy will be provided if necessary.

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Brown Grow Faster Bag (Super Washed)

Brown Grow Faster Bag is designed to be used as a single medium to grow all your crops. It was innovated by the R&D team at Brown Grow formulating a special mix of coco coir and coconut chips providing room to grow a single plant. It is an ideal solution for home gardening or large-scale hydroponic farms. The Faster Bag can be used as the final transplant container of the planting cycle, for plants grown in Brown Grow starter cubes and start plugs.

The Faster Bag was designed under a “One Product to Grow Them All” concept to be used for any planting crop such as vegetables, berries, flowers, and especially for highly valued plants like Cannabis.

Brown Grow Faster Bags comes with UV-treated bags where plank and dripper holes can be drilled and drain slits be cut upon customer request followed by an approved diagram.

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Brown Grow Aqua

(Super Washed)

Brown Grow Aqua is the ideal coco medium solution for berry cultivation due to its characteristic of quick-draining whilst retaining the required water and nutrient content in the plant roots. The Brown Grow Aqua grow bags are super washed using clean spring water to remove impurities or foreign materials from the substrate. The high quality mix in Brown Grow Aqua grow bags offer sensitive plants such as strawberries, raspberries and small fruits to easily root within the substrate ensuring ultimate growth and yield.

Brown Grow Aqua grow bags comes with UV protected bags and is designed to grow multiple plants in a single bag.

Plant holes, dripper holes, plank-holes and drain slits can be pre-cut and drilled upon customer request with an approved diagram.



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Brown Grow Solar (Super Washed)

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Brown Grow Solar grow bag is a Complete Ready to Grow Media when you require maximum growth for all other non-berry crops such as vegetables and cannabis. With a 40% air holding capacity, and optimum water and nutrient holding capacity at full saturation, Brown Grow Solar grow bags ensure that your plants are anchored in a medium with a balanced pH level, low EC & is pathogen-free. This nourishment supports healthy root growth, especially for vegetables such as Tomatoes, Cucumbers, Paprika, Bell paper, etc.

Carefully curated from specially graded crushed coco husk chips & coco coir that is super washed using clean spring water, the Brown Grow Solar grow bag distributes roots evenly throughout the growing substrate and provides plants a secure growing environment.

Brown Grow Solar grow bags comes with UV-protected bags and are designed to grow multiple plants in a single bag. Plant holes, dripper holes, plank holes, and drain slits can be pre-cut and drilled upon customer request with an approved diagram.



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Brown Grow Red (Un Washed)

Brown Grow Red Complete Ready to Grow Media offers a 100% recyclable and organic.

growing medium for your vegetables including Tomatoes, Cucumbers, Paprika, Eggplants, Bell Peppers, ect.

Manufactured from unwashed coco husk chips, our Brown Grow Red substrate is a precision growing environment developed over years of trials and testing to protect your plants' delicate root system, and encourage optimal growth and yield for a profitable harvest.

Brown Grow Red grow bags comes with UV-protected bags and are designed to grow multiple plants in a single bag. Plant holes, dripper holes, plank holes, and drain slits can be pre-cut and drilled upon customer request with an approved diagram.



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Brown Grow Blue (Un Washed)

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Brown Grow Blue is the optimal coco medium for berry cultivation, combining efficient drainage with excellent water and nutrient retention at the root level. The high-quality unwashed coco peat content in Brown Grow Blue grow bags provides an ideal substrate for sensitive plants like strawberries, raspberries, and other small fruits, promoting robust root development for maximum growth and yield.

Brown Grow Blue grow bags comes with UV-protected bags and are designed to grow multiple plants in a single bag. Plant holes, dripper holes, plank holes, and drain slits can be pre-cut and drilled upon customer request with an approved diagram.



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Brown Grow Green (Un Washed)

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The Brown Grow Green grow bag is an ideal solution for cultivating flowers like roses, orchids, lilies, and more. Suitable for both home gardening and hydroponic systems, it serves as an excellent specialized growing medium for flower growers.

Made with carefully graded, unwashed materials with optimal pH levels, the Brown Grow Green grow bag offers high air porosity and water retention, promoting faster growth and produces larger, healthier blooms.

Brown Grow Green grow bags comes with UV-protected bags and are designed to grow multiple plants in a single bag. Plant holes, dripper holes, plank holes, and drain slits can be pre-cut and drilled upon customer request with an approved diagram



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Brown Grow Berry Mix (Super Washed)

Brown grow Berry Mix is the ultimate solution for blueberry cultivation. Brown Grow R&D team has created a special blend of coir mix with certain additions to enhance the longevity and harvest of blueberry plants. With a relatively higher air holding capacity around 45% at saturation compared to other Brown Grow products, the Brown Grow Berry Mix facilitates better root growth and breathability within the substrate.

The Brown Grow Berry Mix growbag can be easily used up to 3-4 years without any major issue. Generally, the Berry Mix growbag comes unwashed to support affordability, but it could also be super-washed upon customer request.

Brown Grow Berry Mix comes in UV protected bags that lasts upto 4 years. Drain slits can be pre-cut upon customer request with an approved diagram.

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Brown Grow Coco Coir Disc (Super Washed)

Brown Grow Coco Coir Disc is a multi-crop grow medium solution. The Coco Coir disc is designed to fit standard international pot sizes, making it a suitable growing medium for home gardening, large-scale agriculture, horticulture, and hydroponic cultivation. We can recommend the disc specially for cannabis and Strawberries

The literage of the disc could be customized and plank and dripper holes can be drilled upon customer request.

Volume and disc diameter can be varied on customer requirement



Further consultancy will be provided if necessary.

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Brown Grow Coco Chips Disc (Super Washed)

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Brown Grow Coco Chips Disc is a multi-crop grow medium solution. The Coco Chips disc is designed to fit standard international pot sizes, making it a suitable growing medium for home gardening, large-scale agriculture, horticulture, and large-scale hydroponic cultivations. We have specially designed the disc for Gerberas but it is also recommended for various flowers including Orchids as well as Lace leaf Plants & cactus.

The literage of the disc could be customized and plank and dripper holes can be drilled upon customer request.

Volume and disc diameter can be varied on customer requirement



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Brown Grow Coco Coir Briquette

Brown Grow Coco Coir Briquette is a Potting Mix Brick made for Horticulture and Agriculture.

These Briquettes are made from super washed coco coir. Brown Grow Coco Coir briquettes are a compressed form of coir made from processed coco coir pith. It is being compressed to the shape of a brick to enable convenience in transportation. However, when saturated, the briquette could expand up to 10L of grow medium.

Brown Grow Coco Coir briquettes could be used as potting mixers in small growing containers. The Coco Coir Briquette can be used for home gardening, horticulture & agriculture.



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Brown Grow Coco Chips Briquette²⁰

Brown Grow Coco Chips Briquettes are made from super-washed coco chips. The washed chips are being compressed to the shape of a brick in order to enable convenience in transportation. However, when saturated, the briquette could expand up to six times the original size of the dry piece.

Brown Grow Coco Chips Briquettes could be used as potting mixers in small growing containers. Recommend for flowers such as Gerberas, Anthuriums, Lilies & home gardening, ect.



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Brown Grow Coco Coir Block (Super Washed)

Brown Grow Coco Coir Blocks are ideal for organic gardening, home gardening, hydroponics, horticulture & agriculture, composting, and potting mix. They are also for landscaping. It sets up a suitable environment for all types of vegetables, herbs, fruits, and flower seeds to germinate. Brown Grow Coco Coir Blocks absorb water instantaneously, providing immediate hydration for better root growth. It increases the porosity of the potting mix which aids plants to absorb more oxygen, and prevents root rot.



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Brown Grow Coco Chips Block 22

(Super Washed)

Brown Grow Coco Chips Blocks are Ideal for organic gardening, home gardening, hydroponics, horticulture & agriculture, composting, potting mixes and as a mushroom substrate. It is an excellent soil amendment that is suitable for all types of indoor potted plants and outdoor gardens. Our Coco Chips Blocks help retain moisture in plants for longer, reduce soil compaction and provide a great environment for beneficial microorganisms to grow.



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Brown Grow Coir Poles

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Brown Grow Coir poles are ideal for climbing plants such as vines and creepers, which helps the plants retain their shape while nourishing them with the required moisture content. They are manufactured by wrapping natural coco coir fibres to a pole that is either wooden or PVC. Above the general benefits of coco coir fibre such as water retention, Brown Grow coco poles are renowned for the longevity and strength they provide for the plants.

Once the plant grows beyond the length of the pole, a simple extension to the existing pole could be given instead of replacing it with a new longer pole that disturbs plant growth. It is advised to select the proper pole length (measured in cm) for your plant or vine.



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