

ANYWHERE . EVERYWHERE . EVERGREEN

greensoi/s





OUR COMPANY

Greensoils (Pvt) Ltd of Sri Lanka, a proud member of Chandra Senanayake Holdings and a sister company of Swedish Trading, is a leading manufacturer and exporter of natural (organic) growing media solutions to meet the diversified needs of professional growers. Established in 1991 as a Board of Investment company Greensoils has mastered the art of providing professional growing media solutions as per specific international customer requirements. In recognition of the higher degree of standards being maintained in the production processes,

ISO certification has been awarded to the company. In addition, due to company's environmental friendly approach to business and the manner in which its corporate social responsibility is discharged, Greensoils became the winner of the National Green Job Award in 2011.

Greensoils as a trend setter in creating a greener world through environment friendly solutions for growers, manufactures its wide known as coco peat, coconut pith or coir fiber dust) as its only raw material without using any artificial ingredients therein. Coir or coconut dust is essentially a by-product which is taken out during the coconut fiber extraction process and is a direct substitute for other popular growing media like Peat moss, Perlite and Rockwool. Due to its inherent characteristics, coir is one of the most preferred growing media amongst professional growers globally and it will replace all other natural and artificial growing media in the near future.

Greensoils operated with a single production facility up until 2010, but due to Increased demand for our products by international customers in the recent past, a second factory began operations the same year. In addition to its two production facilities at Nattandiya (a town situated in the North Western Province of Sri Lanka). Its head office is based in Colombo (Commercial capital of Sri Lanka) for easy co-ordination with the customers and other service providers.



WHAT ARE COCONUT BASED SUBSTRATES OR COCONUT BASED GROWING MEDIA?

Generally Coco Peat and Coconut Husk Chips and their mixes are known as Coconut Based Substrates or Coconut Based Growing media

- **Coco Peat:** (other names: Coco Pith, Coconut Fiber Dust Coco, Coir etc.) is a by product of coir fiber extraction process which are the spongy particles that hold fibers together.
- **Coco Chips or Coconut husk Chips:** Produced by chopping and grading (sieving) the outer cover (the husk) of the coconut.

GREEN SOILS COCONUT BASED SUBSTRATE PRODUCTS

- Grow bags
- 4.5/5.0 kg Blocks
- 25 kg Baggers
- Open top Grow bags
- Briquettes
- Discs and Pellets
- Grow cubes/Starter blocks
- **URBAN HORTICULTURE PRODUCTS**

GROW BAG



Grow Bags are manufactured by compressing preprocessed coco peat, coco chips or their mixes into slabs, using specially designed machines. These slabs are packed in special bags which are coextruded (inside black, outside white) and also are treated for UV (Ultra Violet rays) as per the customer requirements. UV treated covers enhance the durability of the bags even in temperate environments. As of today, Greensoils manufactures and exports a wide range of grow bags for commercial, retail and hobby users for nurseries, greenhouses as well as for the home gardens.

In addition we offer precut holes in bags (drain holes, plant holes and slits) and precut holes on the slabs (drip holes, planting holes and grooves) according to the customer's requirement. And also, we manufacture naked slabs (without bags) which to be used in trays or trenches. Under this arrangement, the end users can get a product at a relatively cheaper price.

Fertilized grow bags are also available at your choice with varieties of pH, Electrical Conductivity (EC) and nutrient levels. On average we can load 10,000 grow bags in a 40 foot container. However, it may vary depending on the size and the raw material mix of the grow bag.



4.5 OR 5.0 KG BLOCKS (BALES)



Coco blocks are manufactured by using preprocessed coco peat, coco chips or their mixes compressing into blocks (bales) for easy handling and transportation. Common sizes of the coco blocks could be 30x30x12-15 cm or 28x28x12-15 cm (L x W x H) and the weight of a compressed block could be either 4.5kg or 5kg (+/- 100g) depending on the customer's requirement. About 25 metric tons of compressed coco blocks could be loaded in to 40'HC container. However, the maximum weight is totally subjected to the weight restriction imposed by the end users and the packing method. In container transportation, blocks can be floor loaded or packed on pallets. The end user can reconstitute the blocks into its original material mix, by adding water before using for intended purpose. Average breakout volume for a 5.0 kg block is around 70 liters.

25 KG (4CUFT) BAGS (BAGGERS)



The preprocessed coco peat, coco chips or their mixes can loosely be compressed into polythene bags under a compression ratio of 2:1. The breakout volume of such bag may vary depending on the specific customer needs. However, 4 cubic feet bags are more popular amongst the different potting media manufacturers. The average weight of a loosely compressed bag is around 25kg. This is the most convenient product for commercial growers as the material is ready to use when taken out of the bags. Baggers are also popular in the industries such as landscaping, golf course preparations and soil conditioning purposes. Quantities loaded in to a 40'HC container, will be varied according to the loading method (on pallets or floor loaded) and the customers' requirements.

TOP OPEN SPEED GROW BAGS



Open top grow bags also used by growers of greenhouses, nurseries and home gardens for growing purposes using hydroponic techniques. Depending on the unique customer needs, Greensoils produces a wide range of open top grow bags with different mixes of coco peat and coco chips to match the crop requirements. Similar to that of grow bags, the naked slab can also be used with grow trays. In a 40 foot container, we can generally load 25,000 pieces subject to the weight limitations given by the customers.

BRIQUETTES



Briquettes are commonly manufactured with coco peat which preprocessed coco peat is compressed under different pressure levels to enhance transportability. The pressure levels and weight of a product can vary to meet the specific customer needs. This product is the best suited for domestic use in horticulture and commercial agricultural applications. Briquettes can be made available in different forms of packing and material mixes also. Average breakout volume per 650g briquette is 8 liters. Packing and loading methods will be vary according to the customer requirements.



DISCS AND PELLETS



Discs and Pellets are also commonly manufactured with coco peat which preprocessed coco peat is compressed under different pressure levels. These products are commonly used in seedling growing and flower nurseries in horticulture and commercial agricultural sectors and popular among the domestic/hobby growers. Discs and Pellets can be made available in different forms of packing and material mixes according to the requirement. Packing and loading methods will be vary according to the customer requirements.

GROW CUBES/ STARTER BLOCKS



Coir grow cube or starter block is the latest addition to Greensoils product portfolio. It is a special product packed in specially designed bags. 100% coco peat raw material which consists of correct particle size with balanced electrical conductivity for seeding growing is used for the grow cubes production. It is specially designed for propagation of seeds and raising of young plants for rapid dense root growth under perfect growing control. Once, the plant is matured enough for transplanting, grow cube with the plant can be placed/ positioned right on top of the plat hole of the grow bag facilitating the roots to penetrate into growing media of the grow bag.



URBAN HORTICULTURE PRODUCTS



Urban horticulture is one of the modern concepts getting popular among urban community (such as cities and megacities) within last decade. Dense population, very high land value and unavailability of lands for farming are the main reasons to develop the concept "Urban Horticulture" and is the best option to use available space with high productivity.
e. g. Roof top, Balcony, Corners of the building, Kitchen, office etc.,

With our continuous product development program, we could add several urban horticulture products in to Green Soils product range. Those were carefully designed after studying the customer requirements which are prepared by using 100% coco raw materials to raise young plants for perfect growing.

Our Vision

To be the most preferred growing media solutions provider of the professional growers by 2020

Our Mission

To provide professional & quality controlled organic growing media solutions at all times to meet the diversified customer needs at a competitive price for maximum customer satisfaction.