



COCO GROW LANKA (PVT)LTD.

NATURALLY PURE COCONUT PRODUCTS

**COCOPEAT AND OTHER COCONUT BASED
PRODUCTS**

Coco peat 5kg

Material	100% natural coco peat (Particle size and mixing ratio can be change as per the buyer's requirement.
Block Size	30x30x12cm (+/-2cm)
Compressed	5:1
Weight	5Kgs (+/-0.01kg)
Moisture	below22%
EC	Less than 0.5 or more than 0.5 (1:5 Test Method)
pH	5.5-6.8
Mess	6mm/12mm
After Expansion Volume	70 - 75 liters per block (It is subject to change with raw material)
Note	All specification can be change with buyer's preferences.

Packaging & Delivery

Packaging Details:

Naked Or with PP bag/ Bulk & Palatalize loading

Each Pallet includes 220/240 blocks and holds a total of 20 pallets in a 40ft

Each 40ft HC container weighs minimum 23 tons.

Delivery Detail:

Within Seven Days After Order Conformation

15-20 containers can be supplied per month



Coco peat 5Kg block is one of the well-known natural organic productions the world of coco peat.

Dried & Meshed Coco peat is compressed in block

which weighs 5kg is generally the coco peat 5kg.

Coco peat 5kg can be made in different mesh size & formulas as per the customer's requirements, mixing & compressing (5:1) with coco chips or fiber as an example.

After adding water to the coco peat 5kg, the block breaks up smoothly & generally has a very high water retention capacity.

Coco peat 5kg is a natural spongy organic growing media which is especially ideal for, Green house & Plant Nurseries, landscaping and horticulture application in preparing growing media and as well as a soil conditioner. As well as we use various size of dry coco husk chips also. As examples, 3-6mm/6-12mm/12-18mm/<12mm/<15mm and so on. In additionally these raw materials can be used for animal bedding, flower varieties and for potting mixes.

Coco peat 5kg can be supplied palletized or bulk which can be packaged inside PP bag or naked.



Coco peat 5kg is a very nature friendly & profitable product, also popular as one of the most convenient ways of growing.



Advantages of Coco peat 5 Kg

- * Irrigation Efficiency
- * Faster Germination Times & Quicker Seedling Rotations
- * Degrades Slower Than Other Peats
- * potting mixes
- * Excellent Air Porosity
- * Excellent Water Retention

Coco Pith Husk Chips 5kg Block

Quick Details

Material	100% Coconut Husk Chips (Particle size and mixing ratio can be change as per the buyer's requirement.
Block Size	30x30x17cm (+/-2cm)
Compressed Weight	5:1 4.5Kgs (+/- .02kg)
Moisture	Below 22%
EC	600µs/cm – 1,500µS/cm (Both 1:3 & 1:5 Test Method)
pH	5.5-6.8
After Expansion Volume	50-60 liters per block (It is subject to change with raw material)
Packing & Load ability	As per the buyer's preference
Note	All specification can be change with buyer's preferences.

Packaging & Delivery

Packaging Details:

5 KG - 20 pallets / 4400 pcs per 40 ft HC container.

(Minimum 20 tons per 40ft HC)

The coco husk chips blocks are arranged on the pallets. Total of 220 blocks are arranged on the pallet and then the blocks are strapped and then covered by shrink flim. Edge protection boards are given during packing.

We are supplying the Coco Husk chips exclusive used as a potting medium in many indoor foliage tropical plant growing, growing Cymbidium, Cattleya, Phalaenopsis, Orchids etc. Coconut Husk (shell) are chopped or cut into size of 1 cm to 3 cm sizes of tolerance +/- 10%. It contains high quality Peat with Fibers to absorb more water. It is used as Mulching Agent. It's Substitute for wood barks etc.



Benefits of Husk chips:

Excellent drainage, high caption exchange capacity (CEC)

- Neutral pH and innate buffering capacity
- Resists fungal growth
- Cuts down fertilizer application up to 30%
- Lasts longer than bark with no degradation
- 100% natural and renewable resource
- Wet coconut husk chips hold water and air like a sponge
- Very clean, uniform and zero wastage
- Prevents stress after re-potting

Coco Peat 25kg bales

Type: Coconut Peat

Form: Block

Weight: 25kg (+/-1)

Certification: Phyto Sanitary & Fumigation
Certificate

Place of Origin: Sri Lanka

EC – As buyer requires

Packaging & Delivery

Packaging Details:

Bulk Loading: 630/650 Bags | 15 MT per 40ft HC Container

Palletized Loading: 440 Bags | 20 Pallets | 11 MT Per 40ft container

Delivery Detail:

Within 20days from the date of advance



We are the **Coir Peat 25kg Bales** manufacturers and Coir Peat 25kg Bales exporters in Sri Lanka. We have a manufacturing unit of Coir Peat 25kg Bales in Kuliyaipitiya, Sri Lanka. We are the major exporters of Coir Peat 25kg Bales to Japan and Malaysia markets.

Application:

Potting Mixes

Soil conditioning

Soil substitute

Certification:

Fumigation & Phytosanitary will be done during loading of the container

Any other Quality certificates can be done at the cost of the buyer

Specifications:

Bag dimension in mm	320 x 460 x 720
Unit Weight(+/-1)	25 kgs
Electrical Conductivity	< 0.6 mS / cm
PH	6.5-7.0
Moisture	30%
Compression Ratio	3:1 (As buyer requires)
Water Holding Capacity	350 – 375 ltr



Grow Bags

CocoGrow Lanka Grow bags are available in different sizes and with different combinations of materials (**COCOPEAT/COCOCHIPS**) to give desired air porosity /water retention combinations that suit the customer requirements and available as naked planks or sleeved in polythene bags. Most of the horticultural research proof that it is perfect growing media for vast range of hydroponic crops such as Fleshy-Vegetation like Tomato, Cucumber, Gourd, Peppers etc., Strawberries, and flowers like Roses, Gerberas. We provide pre-cut drain holes, planting holes and dripper holes as per customer requests.



Material	100% natural coco peat (Particle size and mixing ratio can be change as per the buyer requirement.
Size	As per the buyers preference
Moisture	below 20%
EC	600 μ s/cm – 1,500 μ S/cm (Both 1:3 & 1:5 Test Method)
pH	5.5-6.8
MOQ	1 x 40ft HC Container
Packing & Loadability	As per the buyer's preference
Note	All specification can be change with buyer's preferences.

Size	No of Pcs per container	Weight per piece
100*20*14cm	7800	3.2kg
100*20*12cm	9200	2.7kg
100*18*16cm	7600	3.25kg
100*18*14cm	8600	2.9kg
100*18*12cm	10000	2.5kg
100*15*10cm	15000	1.7kg
100*18*10cm	12500	2kg
100*20*10cm	11000	2.25kg



- 70% + 30% Chips
- EC – High
- Ideal for – Tomato
- Size : 100*25*12cm
- Weight 3.4kg



Coir pots

Coir pots are made out of coconut coir fiber bounded together by natural latex and molded to an attractive shape. The coir material allows air and water to move through the pot while containing soil, so the plants don't have to pull from the pot at planting time. Plants grown in coir in the greenhouse have better root structures than those in plastic pots.

Air pruning of the roots occurs once they grow through the walls of the pot, therefore other smaller roots develop as well. There is no root twirling, no root bound plants, no need to manipulate the root ball before planting to help it grow and therefore no root shock. Once planted in the ground, air pruned roots grow again and robust root growth has been after just 10 days.

They are very popular among nurseries due to the convenience of replanting without removing the pot.

Loss of root disturbance result continuous growth over the newly established field.



Advantages of Coir Pots

The coir pot is easily bio-degradable and transforms into organic matter in due course. Containers impermeable to roots all cause deformation to the roots. The severity of this depends on the shape of the pot and development of the plants. The most common problem is coiling of roots, roots gathering in corners, roots growing upwards, crushed roots etc.

When plants are grown in a coir pot, the roots quickly penetrate the pot walls. Contact with the air stops the roots from growing, root buds start to appear and secondary roots start to develop throughout the pot. This phenomenon is known as “aerial root pruning”.

The volume of the pot is used 100% by a dense network of root hairs of the plant. In containers with impermeable walls, a few very long roots use all the area around the pot.

When a plant grown in a coir pot is planted or re-potted, without removing the pot, the dormant root buds set during aerial containment are immediately active.

There is no shock from transplanting, this difference is particularly marked when ground conditions are difficult (cold, drought, adverse season etc...)



There is no deformity in the root system, the plant establishes easily and settles into the soil better. This is particularly important for perennials.

Machine Technology: Hydraulic automated compress machinery.

Coir pots are made out of coconut husk fiber and bound together by natural latex as bonding agent to produce pots of various sizes.

Coir Garden Mats

This garden mat very easy to use, user has to add water to the mat and can seedling the seeds in the holes supplied in the mat.

Continue watering as feel need. Seeds will grow on the mat well, no need add fertilizer, because inside of the mat there is washed coco peat consist with slow release fertilizer. This is 100% eco friendly product made from coconut peat and natural latex. For easy use for home gardens and roof top gardens and commercial nurseries etc. Garden mat comes with pre-measured haies make planting a breeze and support to healthy plant growth.



Coir Weed Mat

Weed mat is made of needle-punched mattress coir pad with natural latex. This natural coir pad is excellent to control weeds in tree plantations and perennial slope landscaping. With time, the coir weed mat biodegrades and provides mulch since it is 100% biodegradable. The 1cm thick weed mats are available in individual mats as well as in rolls. Each weed mat can be customized and a split for easy application.



Advantages of weed mat

Weed mat rolls provide one-step erosion control, weed control mulching in perennial slope landscaping. Mulching around trees is very important, as it helps the young tree to obtain the essential nutrients needed to survive the early stages of development for a strong growth.

Mulching helps to suppress the growth of weeds around a tree's root system, with more young

trees failing due to lack of mulch than from wind or any pests. In the first three years of growth young trees need moisture in the growing medium around it as a feeding mechanism to carry minerals to its root system. If weeds are permitted to grow around the tree they will take the majority of this moisture reducing the tree's growth rate. Therefore a form of weed suppressant material will be a huge benefit to the tree in its early stages of development for a strong build. This weed suppressant will further benefit the young tree as it stops the growing medium around the tree from drying out and cracking which rapidly promotes water loss for the soil. As the tree needs this moisture for its first three growing seasons the area of weed suppressant around the base of the tree should extend by at least 0.5m in any direction from the stem. This will allow the full root system of the young tree to become fully established and support fast growth rates throughout the tree's life. Weed Mat is an environmental friendly natural option for any location looking to control the growth of weeds made from high strength coir fibers. These mats effectively suppress weed growth by natural means causing no harm to the surrounding environment. The guards are made from coconut fiber, a 100% renewable resource. The volume of weeds will be reduced by 90 to 95%. This translates into a very large savings in labor and no Herbicides are needed. Therefore it creates a healthy working environment. Nurseries that use

overhead sprinklers will also benefit as water will not bounce off the guards. It will be trapped by the rough surface and then the water will immediately penetrate the discs. This will prevent waste and soil borne pathogen spreading.

Highly used in,

- Steepened slopes
- Road, rail and sound barrier embankments
- Low flow storm water channels
- Culvert outlets and washout drains
- Highly erodible soils
- Heavy rainfall areas
- Coastal and seashore protection
- Parks, Amenity areas, Golf courses and Sports grounds
- Quarries and landfills



Coco Discs

Used as potting soil, mainly for Home-Gardening purposes. Coco Discs are made of dried, sieved and washed/unwashed coco peat or husk chips. Discs basically introduce to keep in pots or suitable containers and add water for expand the compressed medium. Then it can be used as a

best growing medium in the pot or the container.



Available in different weights and different dimensions - 80cm up to 150cm

It is easy to use. Soak or add some water until the pressed disc expands to required volume.

The composted coir discs need no fertilizer; therefore it is suitable for quicker seed-germination. These composted coco peat discs have the strong ability to make any plant grow to bear flowers or seeds to germinate.

In addition to using as seeding/and planting at initial stages, it can be used as growing medium for well grown plants.

Advantages

- 100% natural organic medium
- Controlled EC and PH
- Support to healthy root system
- Easy to handle and saves labor involving in filling pots

Coco Grow Cube

Grow Cubes have been specifically designed, after many years of research and development, for the propagation of seedlings, cuttings and young plants. The growing media is natural, completely biodegradable and surrounded by a flexible netting so that the young roots can easily penetrate into the grow bag. The coir is



washed to an

extremely high standard, and if requested can also be buffered, providing the best possible growing environment for young salad plants. Grow cubes are available in a range of sizes to suit individual needs. They minimize transplant shock and promote more rapid and dense rooting, while presenting no disposal problems.



Coco Grow Cube is an excellent choice for growers who are interested in a more mature plant for transplanting. While growing in the cube, the young plant root meets the 3/4" coco-chips material which has been proved as an excellent media for root development. After placing the Coco Grow Cubes on a grow-bag the roots easily penetrate the grow-bag and the plant continues its growth like it had never been moved.

The raw materials for our cube require unique selection and processing methods. The coco peat is aged and composted for over 18 months and thoroughly washed. This process reduces the salt, phenol and tannin. Aged coir pith is then processed to remove fine particles and long fibers to maintain the consistent sieving. The coir pith is then compressed and disk packed in a biodegradable cellulous paper.

Advantages

- Excellent medium for seed propagation.
- Fast and healthy root development.
- Easy and fast transplant.
- Equal water and air distribution.
- 100% biodegradable.

Better than rock wool the coco peat grow cubes have very high air porosity to foster extreme root growth into your main bag.

After adding water, the cube will swell to approximately 4X4X4 inches

Cube comes with a dimple to seed directly.

Coir Poles

Coir poles are considered a growing aid and are used mainly for growing creepers which require more moisture to grow.

This eco-friendly coir pole makes plant watering easier while ensuring sufficient availability of water for the plant as the pole stays moist for a long time.

Coir poles are made, by closely wrapping coir twine on to either wooden rods or PVC pipes, and as these pipes are porous it helps plants to develop tiny roots which grip natural organic matter of the coir fiber. As such, the coir pole is an ideal instrument to support creepers and vines, providing the plant with water as it grows higher.

These Coir Poles are widely used in plant nurseries, horticulture farms and indoor and outdoor horticulture décor.



Coco Pole Dimensions:

- Tube Diameter : 32mm (P.V.C pole only)
- Coco Pole Diameter : 42mm appx (P.V.C pole with coir)
- Length : On Customers Requirement

Coir Sheets

Coir fiber is elastic enough to twist without breaking and it holds a curl as though permanently waved. Machine twisted fiber is produced by blending bristle and mattress fibers in varying ratios. They are then spun and curled into a thick single-ply rope. This is used in producing Rubberized Coir sheets

The unique feature of our high density rubberized coir bare sheet plant is that it facilitates Vertical Fibre Orientation (VFO), a process that results in a deeper penetration of latex into the coir sheet, making it very classic. This state of the art technology provides uniform density and extra cushioning effect to our rubberized coir sheets.



The high density rubberized coir pads/ sheets produced by us are used as top layer for spring mattress, packing pads, weed control mats/mulch mats, drainage filters, tree bark guards, air conditioner filters around the world.

