

## About Us

NB coir is well established coir growing medium manufacturing and exporting company based in Sri Lanka, who has been in industry for last two decades. We have our own raw material sources, warehouses, factories and shipping agents. Therefore, we have the capacity and experience to supply your needs continuously fulfilling your quality requirements.

Our loyal customer base has grown rapidly across the world, who do hydroponic cultivation, mass scale cultivation, horticulture and greenhouse cultivation. All our product size, quantity, properties, packaging can be customized according to customers' requirement.

We deliver exactly what we promised.

## Our products

### Grow bags (Compressed coir slabs)



NB coir grow bag (compressed coir slab) is the our most renowned product around the globe. NB coco slabs as ideal products for the soilless cultivation. Our Grow Bags are suitable for hydroponic crops in indoor or greenhouse.

Our coco slabs/Grow bags are available with High quality buffered coco, washed coco or normal coco peat materials. We make customized grow bags according to our clients' needs. The size of the coco grow bags, composition (Coir pith: Coir chips: Fine dust) of the coco grow bags and the material types can be changed according to the client specifications. Please contact us to quote for customized coco grow bag for you. You May can request free samples through our website.

Please refer the table for detailed specifications

### 5 Kg coco coir bricks (Compressed bricks)



NB coir 5 Kg compressed brick is our second most famous products. It is consisting 100% coir pith most of the time. It is a perfect growing media for a vast range of crops. Same time, this brick is used as soil conditioner by mixing with less nutrient soil.

Please refer the table for detailed specifications

### Planter bags- Open top



NB coir 5 Kg open top planter bag is a unique product. It can be reused several crop cycles without changing the growing media. Furthermore, NB coir planter bags are one of the best solutions for long-term crop cultivation. "Smart in size and easy to handle" makes them more popular among farmers.

Please refer the table for detailed specifications

### Coco disk



NB coir COCO DISC comes in different sizes from 80 - 220 mm. The size of the disc depend on the size of the pot uses for cultivation.

Organic and biodegradable products, extensively use for small size plants and at the labs or startup of the plant before they plant in open-air conditions. Ability to retain nutrient, water, and consistent physical properties and small size is the key factors to use them in laboratory.

Please refer the table for detailed specifications

### 25 Kg bricks (50-70 % moisture)

NB coir 25 Kg compressed brick is our unique product, which is, manufacture in wet basis (50-70 % moisture) and the compression ratio is comparatively less (3:1). As per customers' requirement material proportion (coir pith: coir chips), weight of the brick, size of the brick and all other specifications can be modified.

This brick is mainly used as soil conditioner by mixing with less nutrient soil for cultivations.

### Mix fiber bale (Dry)



Fibrinous material is the most suitable for higher root propagation. When pith percentage goes up, porosity decreases resulting less space for root propagation and aeration. When coir fiber percentage is high root propagation and aeration is high, but water retention ability goes down. Anyway, as per the customer's request we manufacture to any material combination and any size. Fiber length 50- 200 mm.

Normally, mix fiber bale is weight around 130 Kg and 90 x 50 x 75 cm in size.




Applications are in the bedding Industry-for spring mattresses & horticulture as the principal material in basket liners, tree mats and coco- poles

### Our manufacturing process in brief

Mixing coir pith and coir chips (proportion as per the request of the customer), and compress to very high ratio (8:1) to make coir slabs convenience for shipping. We drill plant holes as per the request. Then we pack into bags (we provide pre-cut drain holes and plant holes of the bag), make pallets, load to 40ft containers and ship by cargo (FCL).

## Table - Detailed Specification of some of our most common products

\*\*\*\*\* Note - All the specifications can be changed according to customer's request \*\*\*\*\*

Product	Coir grow bags	5 Kg coco / coir bricks	Planter bags- Open top	Remarks
				
Material	100% organic natural coir pith, coco chips & dust	100% organic natural coir pith, coco chips & dust	100% organic natural coir pith, coco chips & dust	Low EC / High EC, Washed / unwashed, treated
Expanded dimensions**	100 x 20 x 12 cm	70 L Volume of coir combinations	20 x 20 x 15 cm	As per the customer's request dimensions can be customized
Compressed dimensions	96 x 18.5 x 3 cm	30 x 30 x 12 cm	18.5 x 18.5 x 4 cm	
Products per pallets- Nos	460	256	256 - 280	Depend on the size
Pallets per FCL- Nos	20(Pallet size 110x110)	20 (110x110 pallet size)	40	Depend on the size
Coir pith %	70	100	40	Sieve and % can be changed
Coir chip %	30	0	60	Sieve and % can be changed
Weight	2.7-2.9 Kg	4.5 Kg (70 L)	1 Kg	Depend on the size
Water retention capacity	14-15 L	22-23 L	3 L	Depend on the size
Moisture content %	Below 18	Below 18	Below 18	
Electrical conductivity (EC) (1:1.5 method) mS/cm	0.5 mS / cm	0.5 mS / cm	0.5 mS / cm	Customer's request
Potential Hydrogen (pH)	5.5-6.8	5.5-6.8	5.5-6.8	
Compression ration	8: 1	5: 1	8: 1	It Depends
Impurities / sand	Below 2 %	Below 2 %	Below 2 %	
Features	Low EC, High EC, Washed, treated	Low EC, High EC, Washed, treated	Low EC, High EC, Washed, treated	Customer's request
Plant holes - Nos	6 (depend on hole size)	-		
Drainage holes - Nos	8 (hole size 3x2 cm)	-	4	Customer's request
Packing	NB coir bag (UV protected)	NB coir bag (UV protected)	NB coir bags (UV protected)	Can print your brand name

### Certifications and permits

- Certificate of origin
- Fumigation certificate
- phytosanitary certificate
- Quarantine certificate
- Relevant permits as per client's request

### Contact for free quotations

[www.nbcoir.com](http://www.nbcoir.com)

[info@nbcoir.com](mailto:info@nbcoir.com)

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