

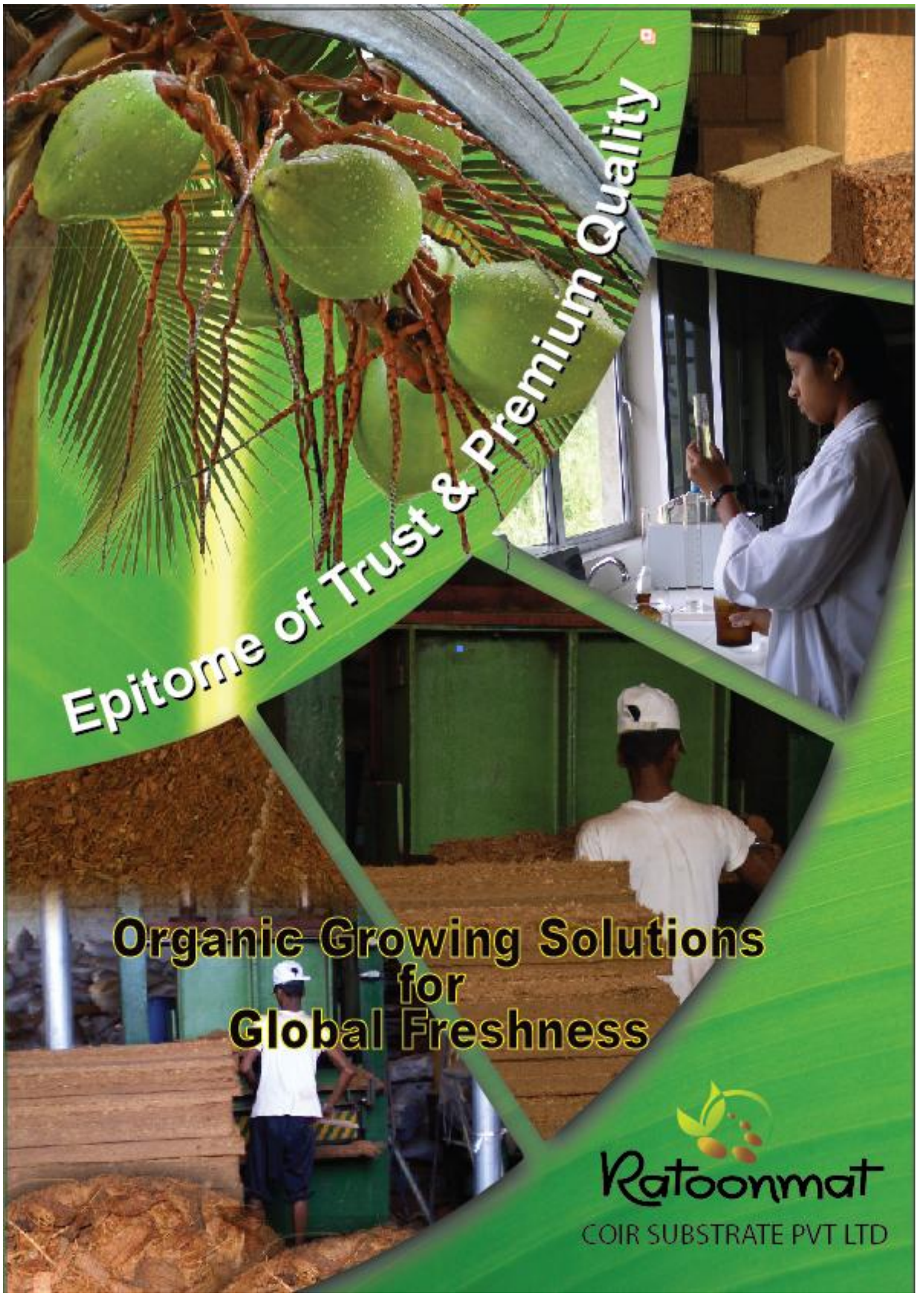
Epitome of Trust & Premium Quality

Organic Growing Solutions  
for  
Global Freshness



Ratoonmat

COIR SUBSTRATE PVT LTD





" Today, the horticultural and agricultural sector is confronted increasingly with environmental topics because our environment is to be kept healthy. We have to take environmental question highly serious. To cover this issue, as creative professionals in this trade it is our obligation to give back the essence to the nature in return."

Founder : Haresh De Alwis ( *Bsc. Agriculture , Msc. Molecular Biology* )



"Today I feel very happy and proud of the fact that I have the opportunity of giving the scientific knowledge I achieved to Ratoonmat company. We always want to work very closely with our growers, try to look after their needs and requirements as well as problems and always provide our fullest support to them. We do all kinds of experiments for them and analyze the positive results we get and produce a much more quality product."

Director of Research and Product Developments :

Thanuja De Alwis ( *Bsc. Agriculture - Peradeniya, Sri Lanka* )



i would like to inform that we do not limit our production only to substrates but has gone further towards doing tissue culture to rare plants in Sri Lanka which has high value. In the future we will not limit ourselves to production of Coir Substrate. We are now concentrating on other ..... as well. We have already started conducting experiments on this. For this we have taken into consideration all carbonic resources in our country. For this we have started working jointly with scientific research institutes and universities. Our main aim for the future is to provide 100% organic degradable products

Head of Research and Product Development :

Nayana Arunasiri ( *Bsc. Agriculture, Msc Agriculture* )

### The company

We are an individual group of concerns, in the field of diversified activities in Agricultural and Horticultural industry, founded by an energetic group of young talented professionals for manufacturing coir substrate. We have a team of dynamic enthusiastic and innovative scientists, qualified technical staff with experienced management and material resources from our own coconut plantations in the heart of the North Western Coastal belt of Sri Lanka well known for its coir industry which accounts for nearly 90% of exports and modern analytical facilities to support its further research development to introduce the new products.

We are a company growing rapidly by listening and responding to your requirements

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### The country

The pearl of the Indian Ocean, Sri Lanka is truly a paradise island with its unique blend of geo-physical zones and the lush greenery created by the vast array of tropical rain forests. Blessed with a mix of climate conditions which spreads equally throughout the year which is highly conducive to uninterrupted growth of plants and strategically located as a gateway between the east and the west, Sri Lanka is non-arguably one of the leading horticultural products suppliers to the world.

Today, the availability of a massive array of products and services in this tropical paradise island is increasingly attracting the quality and price conscious horticultural buyers the world over.

### Our vision

Our vision is to be the excellence in manufacturing of coir substrate and generate innovative technology and technology transfer to meet the challenges of the Agricultural and Horticultural Industry.



## Our Products

We supply a wide range of coir products including grow bags (Hydroponic slabs), Blocks, Briquettes, Cubes, flower disk, rubberized coir pots, seedling tablets and germination plugs in a variety of specifications to meet the demand of the professional growers. We guarantee high quality products; competitive pricing as well as full technical support and prompt services. Our intention is to provide customized solutions for our clients around the world. All our products can be manufactured with the appropriate raw materials as well as private labeling and packaging according to your specific requirements.

## Quality Assurance

Our coir is one of the superior graded coir products, made from finest coconut husk with a methodological processing. During the process, the stringent is consistently produced under a set of quality standards. All our consignments are well inspected before shipping out from our factories in Sri Lanka. If necessary, we will provide any other certifications, according to the buyer's request. Finally, we are happy to supply our customers with biodegradable, environmentally friendly and 100% renewable coir products throughout the year to any destination around the world.



## What is Coir?

It is a natural and renewable resource produced from finest coconut husks in Sri Lanka. It is the binding material that comes from the fiber fraction of the coconut husk. Coir also known as 'coir duct' or 'coco pith'. Coco peat is a multi purpose soil conditioner and growing medium, which out performs most of other Peat types. It is consistent in texture. It is completely homogenous material, composed of millions of capillary micro-sponges, that absorbs and holds up to eight to nine times water of its own weight.

## Average and uses of it

The production and use of coir products do not pose a threat or any harm to other ecological systems as coir is a totally organic renewable resource. Using coir products will be helpful to save precious water resources and decreases the use of chemical nutrients in seeding and other activities. Coir is an excellent replacement for rock wool for Hydroponic Growers, with no harmful environmental disposal problems.

Coir has been identified as a good form to be used in seed raising and propagation mix around the world.

Coir is a multi purpose growing medium that provides new opportunities for:

- Potting Mix Suppliers
- Seeding Nurseries
- Hydroponics Growers
- Golf green Constructors
- Distributors of Horticultural & Gardening Products

## Did you know?

The properties of coir make it resistant to bacterial and fungal growth and has ability store and release nutrients to plants for extended periods of time. It also has great oxygenation properties which are critical to healthy root development.

Coir has a pH of 5.2 - 6.8 (neutral to slightly acidic), making it great for alkaline garden soils.

Most coir products can be reused for up to 4 years.

Coir products make great bedding material for worm bins and it increases worm growth by 25%.

Coir products are very slow to disintegrate; They begin to break down only after 10 years, reaping long term benefits.

They are very light and easy to handle, and can be combined with any normal ingredient and be used as a mixer, or as a stand-alone product.

