

OUR VISION

"Coconut Industry to be the highest contributor to GDP from the Tree Crop Sector and Global Leader in Product-Market Diversification"



OUR MISSION

"To facilitate the coconut Industry towards long term commercial viability, sustainability and higher contribution to the national economy, by ensuring the availability of coconuts and coconut products for domestic consumption and for industry"



Ministry of Plantation Industries

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COCONUT DEVELOPMENT AUTHORITY

The Prime Facilitator of Coconut Industry in Sri Lanka



COCONUT DEVELOPMENT AUTHORITY IN SRI LANKA.....

The Coconut Development Authority (CDA) of Sri Lanka is the statutory apex organization established under the provisions of the Coconut Development Act No. 46 of 1971. It is responsible to work for the development of the coconut industry in Sri Lanka and functions under the Ministry of Plantation Industries.



Coconut (Cocos Nucifera) is one of the major plantation crops in Sri Lanka. Total area under coconut is approximately 394,836 hectares. Average coconut production per annum is 2500 – 3000 million nuts.

There are three different major product categories in relation to coconut;

Coconut Kernel Products

Coconut Fibre Products

Coconut Shell Products



Major activities of the Authority

- Inspecting processing units and sampling coconut products to ensure maintenance of required standards.
- Testing samples of coconut products drawn from export consignments to ensure maintenance of required quality standards.
- Issuing quality certificates for export consignments.
- Providing technical assistance to improve the quality of coconut products.
- Providing technical assistance and financial assistance to bring up to date and modernize the processing factories.
- Providing technical assistance and financial assistance to manufacture the value-added coconut products.
- Providing current market information to the trade and industry, regarding coconut and coconut based products.
- Facilitating internal and export marketing channels through conducting auctions for coconut and for copra.
- Promoting the export of coconut products through participation in trade fairs, exhibitions, etc.



Coconut Ekels, Brooms & Baskets



Made of the mid rib of the leaf of coconut palm
Used for house hold cleaning



Handicrafts made of Coconut Shell & Wood



- ✓ Eco friendly and have aesthetic value
- ✓ A major tourist attraction

Desiccated Coconut

Desiccated Coconut is the dried, disintegrated white kernel of the coconut, processed under strict hygienic conditions for human consumption. Sri Lankan Desiccated Coconut is used in a variety of major consumer product areas.

Desiccated coconut is used to make Chocolates bars, and make various candy and ice cream more delicious and exotic. It is also used in food processing industry, frozen food industry, bakery industry, restaurant and hotel trade.

In addition to the Regular cuts, Desiccate coconut is also available in Fine, Medium, Super fine & Low fat

These cuts can be further processed into Fancy cuts, Thread, Chips, Toasted Chips, Coloured, Sweetened, Flakes and Shreds.



Coconut Milk, Cream & Milk Powder

Sri Lankan Coconut milk is reputed as one of the most flavorful milks and is ideally suited as culinary based and known for its health benefits.

Coconut cream is similar to whipping cream and non-dairy substitutes. Used as a major cooking ingredients for Asian dishes, desserts, puddings etc.

Coconut milk Powder is used as a flavouring ingredient for Ice cream, Yoghurt, Bakery products, Sauces and Beverages.



Coconut Oil



Sri Lankan Coconut oil is 100% natural, and is the best quality cooking oil found in the market place. Coconut oil extracted from selected export quality copra to give a clear gold like liquid without taking away its nutrients.

Characteristics of Sri Lankan Natural Coconut oil

- ✓ Unique fragrance
- ✓ Commonly used as edible oil
- ✓ For hair and skin applications
- ✓ Used in manufacture of cosmetics

Beneficial for Healthy Living

Virgin Coconut Oil

Virgin Coconut Oil is an innovative product, defined as natural oil obtained from fresh kernel of coconut. It is called "Virgin" due to its pure, raw, pristine and unadulterated state: snow white in colour, contains natural vitamins.

Characteristics of Virgin Coconut Oil

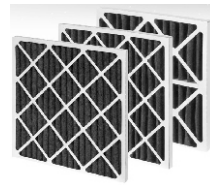
- ✓ Beneficial properties of coconut oil preserved
- ✓ Contains very low FFA (less than 0.1%)
- ✓ Contains natural vitamins
- ✓ Possess disease prevention features



Activated Carbon

Activated carbon Made of Coconut Shell Charcoal.
Used for

- ✓ Water filtration
- ✓ Chemical industry
- ✓ Military and industrial gas masks
- ✓ Deodorizers
- ✓ Automobile applications
- ✓ Air pollution control
- ✓ Pharmaceutical industry
- ✓ Air filters



Coconut Shell Charcoal

- ✓ Used domestically by Hotels/Restaurants for heating purposes and for barbeque grills
- ✓ Used in refining of precious metals
- ✓ Used as a base for manufacturing of activated carbon



Coconut Water

Coconut Water is the Juice in the interior or endosperm of young coconut. Its water is one of the nature's most refreshing drinks, consumed worldwide for its nutritious and health beneficial properties.

However, when it comes to taste, it has no contestants. The water is actually obtained by opening a tender, green, healthy, and undamaged coconut.

It is used as a health drink as it contains vitamins, minerals, sugar, electrolytes and amino acids.



King Coconut



King Coconut is exported as a beverage in Bottles, Tetra packs and cans. It is also consumed as a health drink.

As additives and flavours are not present, king coconut of Sri Lanka comes in its natural flavor, quenching thirst of people.

Coir Rugs & Carpets



Made of Bristle fibre in various thinness, used as carpets and rugs.

Hand Brushers, House Hold Brooms & Ware-House Brooms

Made of Bristle fiber and it is durable with ideal stiffness and liquid retention properties.

Used for cleaning applications.



Coco Fibre Pith / Coco Peat

Coco fibre pith is spongy, lignocellulic, 100% natural, Biodegradable by-product of coconut fibre industry. Excess Potassium and Sodium are removed by Nitrate treatment and washing.

Hence, there are no disturbances for any fertilizer application and products are suited for

- ✓ Horticulture
- ✓ Soil mixing professionals
- ✓ Green house owners
- ✓ Commercial nurseries
- ✓ Growers



Why do we use coir fibre pith

- ✓ Eco friendly, sustainably produced and renewable
- ✓ Excellent air porosity
- ✓ Excellent water retention
- ✓ Homogeneous, Uniform and Stable
- ✓ Quickly absorbent of water
- ✓ Resistant to temperature and moisture differences
- ✓ Contains more macro and micro nutrients
- ✓ Faster seed germination and quicker seeding rotation
- ✓ Good absorbent for animal farming
- ✓ Consist of naturally occurring fungus which work symbiosis with plant roots to protect from pathogenic fungi
- ✓ Product with longevity
- ✓ Low cost alternative for peatmoss

Coir Twine

Coir twine used for various agriculture, horticulture and aquaculture purposes and used in manufacturing coir bags, geo-textiles, coir net for wine yards and as a winter protection for the bank of terraces.



Coir Yarn

Coir Yarn is used in the agricultural, fishery and industrial fields. Depending on the application, the final product can be tailor made.

Bales



Available in various sizes.



Coir Fibre Pots

- ✓ Made of natural coco fibre with or without natural latex
- ✓ Best alternative for plastic pots
- ✓ Available in various sizes
- ✓ Provides better aeration for growing roots
- ✓ 100% biodegradable and eco friendly
- ✓ Easy to use



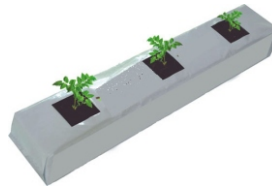
Hanging Baskets



- ✓ Alternative to expensive hanging baskets
- ✓ 100% biodegradable and eco friendly
- ✓ Available in various sizes
- ✓ Easy to use

Grow Bags

- ✓ Compressed coir slabs in a poly sleeves
- ✓ High fibre content promote better root growth
- ✓ Available in different sizes



Easy Fill Bags

- ✓ Reduce the risk of contamination
- ✓ Saves cost for watering
- ✓ Effective fertilizer uptake
- ✓ Available in various sizes



Coir Geo Textiles

Geo-textiles are made of pure coir, drawn from the husk of the coconut without adding any synthetic material, and is a 100% biodegradable, coir geo-textile mats are manufactured using hand twisted yarn as well as machine spun twine. They are for all soil bioengineering and erosion control applications in stream banks, slopes, wetlands, hillside soils and golf course development.

- ✓ 100% environmental friendly
- ✓ Excellent results in hydro seeding
- ✓ High water absorption capacity of coir fibre promotes seed germination
- ✓ Will get decomposed after a period of time leaving excellent mulch for the growing vegetation
- ✓ Resistant to UV degradation
- ✓ Ability to handle high water velocities



Coir Fibre

Bristle Fibre

The stiff, straight and long strands of fibre are termed bristle fibre or brush fibre. Sri Lankan Bristle Fibre is the best quality bristle fibre in the world and unique product due to above characteristics and qualities

- Used in -
- Coir twine manufacturing
 - Brush and Tawashi industries
 - Manufacture of special filters



Machine Twisted Fibre



Machine twisted fibre is made with natural coir fibre. They are mainly used for Car seats in Auto mobile industry.

Mattress Fibre

Mattress fibre mainly use in the manufacture of spring mattresses, bedding and upholstery, packing, drainage filters, thermal and acoustic insulation etc. moisture content is below 15% and impurity level is below 5%.



Rubberized Coir Mattress

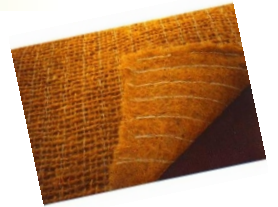


These are manufactured out of natural coir fibre and natural latex. These are available in different sizes and thickness.

Coir Blankets

These coir mats have been developed for extreme slopes, high-discharge channels, and applications requiring permanent protection and vegetal reinforcement.

These blankets prevent soil compaction and crusting. They resist wind and accelerate vegetative development while the blanket decomposes overtime and becomes part of the soil.



Coir Garden Mats



- ✓ Made of natural fibre with rubber and filled with washed coco peat
- ✓ Comes with pre measured bales
- ✓ Provides healthy plant growth
- ✓ Eliminates weeds

Coir Logs

- ✓ Coconut coir logs are made from 100% natural coir fibre compressed in tubular mesh netting
- ✓ It is used for erosion control
- ✓ Provide a stable structure for root growth



Coco Pole / Plant Support Stick



- ✓ Ideal plant support & growing aid
- ✓ Coir fibre is bound to PVC pipes or wooden poles
- ✓ Various heights and tube diameters are available

Discs / Tablets

- ✓ Compressed coco peat disc introduces to keep in pots or suitable containers
- ✓ Need water to expand the medium
- ✓ Support to healthy root system
- ✓ Ease to handle and saves labour involvement in filling pots



Husk Chips

The husk, which naturally helps the coconut stay afloat in water, also stays uniformly moist and does not rot. With diminishing sources of quality tree bark, the unique properties of coconut husk chips make it a superior alternative to bark based growing medium. Currently many orchid and cut-flower growers are successfully using coconut husk chips instead of bark, finding it has significant advantages in terms of quality, consistency, and even lower production costs.



Basket Liners



- ✓ Pre-formed rubberized coir fibre liners
- ✓ Liners with water retention features
- ✓ Suitable for hanging wall mounting

Briquettes / Blocks

- ✓ Made of dried, Sieved, washed / unwashed coco peat
- ✓ Available in various sizes
- ✓ Individually wrapped



Moisture Retainer/Weed Suppressors

- ✓ Needled coir liner with or without latex
- ✓ Retain moisture around the roots
- ✓ Minimize fertilizer usage as no weeds
- ✓ Provide sound visual appearance

