

VTEC
TRADING COMPANY
BE THE CHANGE START THE GREEN

About Us

VTEC: Pioneering Sustainable Solutions for Saudi Arabia

COMPANY OVERVIEW: QUALITY, INNOVATION, AND SUSTAINABILITY

VTEC is a leading provider of sustainable solutions for the horticultural and agricultural sectors in Saudi Arabia. We specialize in high-quality coco pith products, offering a range of solutions for hydroponics, horse bedding, and organic composting.

Commitment to Quality: We source the finest coco pith from sustainable plantations, ensuring superior quality and consistent performance.

Innovation in Products: We are constantly researching and developing new coco pith-based solutions to meet the evolving needs of our customers.

Sustainability at the Core: We are dedicated to environmentally friendly practices, from sustainable sourcing to responsible manufacturing.
Coco Pith: The Premium Choice for Horticulture and Hydroponics
Superior Water Retention

Coco pith's exceptional water-holding capacity provides consistent moisture for optimal plant growth.

Excellent Drainage

The porous structure of coco pith ensures proper drainage, preventing root rot and promoting healthy growth.

Nutrient Retention

Coco pith acts as a natural buffer, retaining nutrients and releasing them gradually to plants.

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Coco Peat Brick

- Ideal soil conditioner and potting mix additive
- Multipurpose substrate
- Improves soil structure
- Last for years in the soil

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COCO PEAT

- Eco Friendly & Organic Coco Peat.
- Coco Peat is the 'coir fibre pith' or 'coir dust' produced as a bi-product when coconut husks are processed for the extraction of the long fibres from the husk.
- Used in Horticultural and Agricultural applications.
- It is a completely homogenous material composed of millions of capillary micro-sponges that absorb and hold up to fifteen times of it's own weight - of water.
- The natural pH value is 5.7 to 6.5.
- Available Water assures that coir will hold and release nutrients in solution over extended periods without re-watering.



COCO PEAT

A very Special Grade of coir dust had been washed, screened and graded before being processed into various Coco Peat products. Coco Peat is a multi-purpose soil conditioner and growing medium. It is consistent and uniform in texture. It is a completely homogenous material composed of millions of capillary micro sponges, that absorb and hold up to fifteen times it's own weight - of water



COCO PEAT



COCO PEAT

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COCO PEAT



Reconstituting the Bricks

Step 1



Step 2



Step 3



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COCO PEAT

Reconstituting the Bricks



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COCO PEAT

Seeding & Planting





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100% ORGANIC POTTING COMPOST

The Soil Where Plants Love To Grow..

Cocopeat Compost is an Organic Manure Which Is Prepared by The Bio Conversion Of Coco Pith Using Lygnolytic Mushroom Spawn. The Manure Will Act As An Excellent Growth Medium And Lead To Increase The Nutrient Status Of The Soil

PROPERTIES OF COIR PITH COMPOST

- EXCELLENT MEDIUM FOR PLANT GROWTH
- HIGH MOISTURE RETENTION
- IMPROVES PHYSICAL AND BIOLOGICAL CONDITION OF SOIL
- REDUCE FREQUENCY OF IRRIGATION
- ENHANCE STRONG AND HEALTHY ROOT SYSTEM
- CONTAINS NATURAL ENZYMES AND PLANT NUTRIENTS
- STIMULATES THE PRODUCTION OF PHYTOHORMONES

Available in: 1kg,2kg,5kg,10kg & 20kg Bags



COIR GEO TEXTILES

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In the world which is turning its face towards eco- friendly products. like Coir Geo- textiles play an important role in soil erosion.They protect the land and provide vegetative growth during the formative period after which degrade into the soil. This greening prevents soil erosion and ensures soil stability. A range of different mesh matting with varying densities are available depending on the landscape design,water flow, soil structure, steepness of slop, vegetation requirements etc

Weight : 400 gsm, 700 gsm,, 900 gsm

Available Sizes: 1,2,3 and 4 meter width and 50 Mtr length

Standard sizes: 1x 50 Mtr, 2 x 50 Mtr or 4 x 50 Mtr



COIR GEO TEXTILES

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POPULAR VARIETIES: H2M5, H2M6, H2M8, H2M9 ETC...



COIR GEO TEXTILES

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Coir Geo Textiles protect land surface and promote quick vegetation. Geo Textiles are a wonderful treasure of natural eco friendly, erosion control blankets in woven and non-woven preparations. Totally biodegradable, Geo Textiles help soil stabilisation and renew vegetation in varying slopes. Geo Textiles and related products have many application and currently support many civil engineering applications including roads, airfields, railroads, embankments, retaining structures, reservoirs, canals, dams, bank protection, coastal engineering and construction site silt fences or geotube. Usually Geo Textiles are placed at the tension surface to strengthen the soil.



APPLICATIONS OF
COIR GEO TEXTILE

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COCO CHIPS



The coco husk chips allow for better aeration and water flow to the plants and are ideal for the soil less plants like orchids and as landscaping mulch. Commonly mixed with coco growing medium to provide better aeration for plants.

ADVANTAGES OF COCO CHIPS

Renewable products and clean energy resources.

Well-known for the outstanding feature of excellent water and nutrient uptake capacity, which help roots to grow strong and healthy.

Prevent the development of Insects and Fungi, rich in nutrients, high cation exchange capacity (CEC) greatly reduces the amount of quaternary fertilizer and nutrients that need to be provided for the plant.

Widely used in growing several kinds of flowers or serving animals as bedding

Low cost and easy to find

Stabilized pH for plant growth, which is from 5.8 to 6.5

Used in soil amendment, helping reduce odours and maintain a high humidity environment.

Durable and capable of withstanding harsh weather, decomposing with a more balanced and uniform ratio.



COIR YARN

We hold immense specialization in the domain of manufacturing and exporting the variety of Coir Yarns.

Used for different production of tetextiles and sewing and crocheting, our range of yarn is processed by making use of finest grade of fibres. Highly durable in nature, the offered ropes are immensely appreciated across the market due to their high strength, durability and flawless quality. We offer the range of Coir Yarns in customized lengths, finishes and thickness.

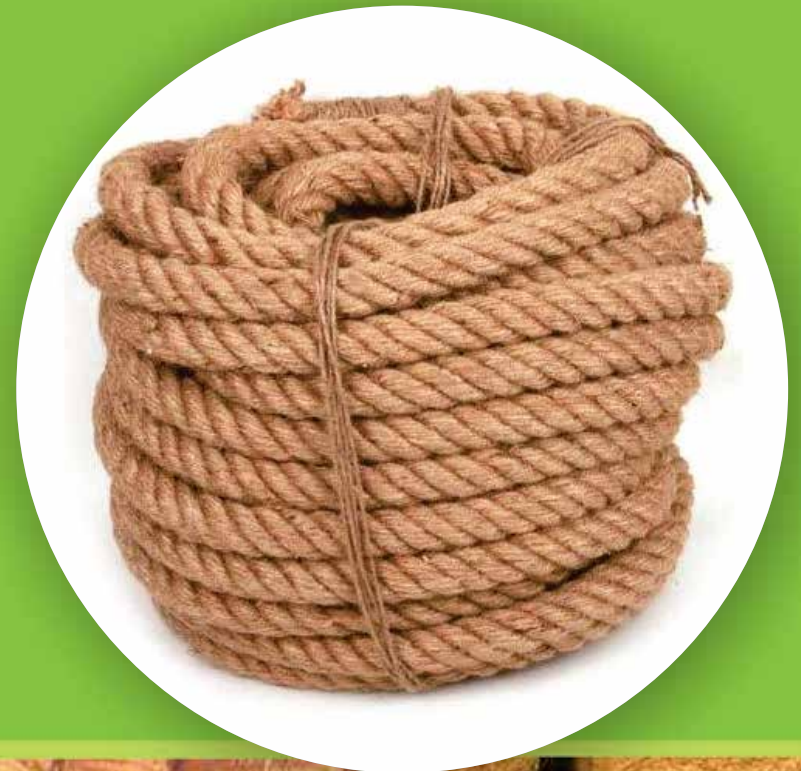
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COIR ROPE

Curled Coir Rope is made out of matured brown Coir Fibre. The raw material used to produce curled Coir Rope is processed using sophisticated technology. Our Coconut Coir Rope is supplied in the market after stringent quality checks. Our Coconut Coir Rope is eco-friendly, durable and cost effective. Curled coir rope is mainly used for the manufacturing of high quality rubberized coir mattress

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GOLDEN FIBRE



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Coir is a natural fibre extracted from the husk of coconut and used in products such as doormats, brushes, mattresses. White coir, harvested from unripe coconuts, is used for making cleaner brushes, string, rope and fishing nets.



GOLDEN FIBRE

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COIR GROW BAGS

It is widely used in soft-fruit production and other horticultural crops as a soil conditioner, surface mulch/rooting medium and desiccant. Application of coir pith in soil helps to improve the structure and other physical and chemical properties of the soil.

Coir grow bags provide excellent aeration and irrigation facilities for the growth of Plants. Featuring a special blend of coco chips and coir pith, these Coir Grow bags provide excellent air to water ratio for hydroponics. The Plant holes, drip holes, and drainage holes can be predetermined and customized to suit the needs of farmers.

In the coir grow bags, the plants can be directly planted and grown. Plant holes on the upper surface of the grow bag is to accommodate the crops to be planted. Drainage holes may be provided for excessive irrigation. They can be offered in various thickness, size and weight - depending on the client's preferences.



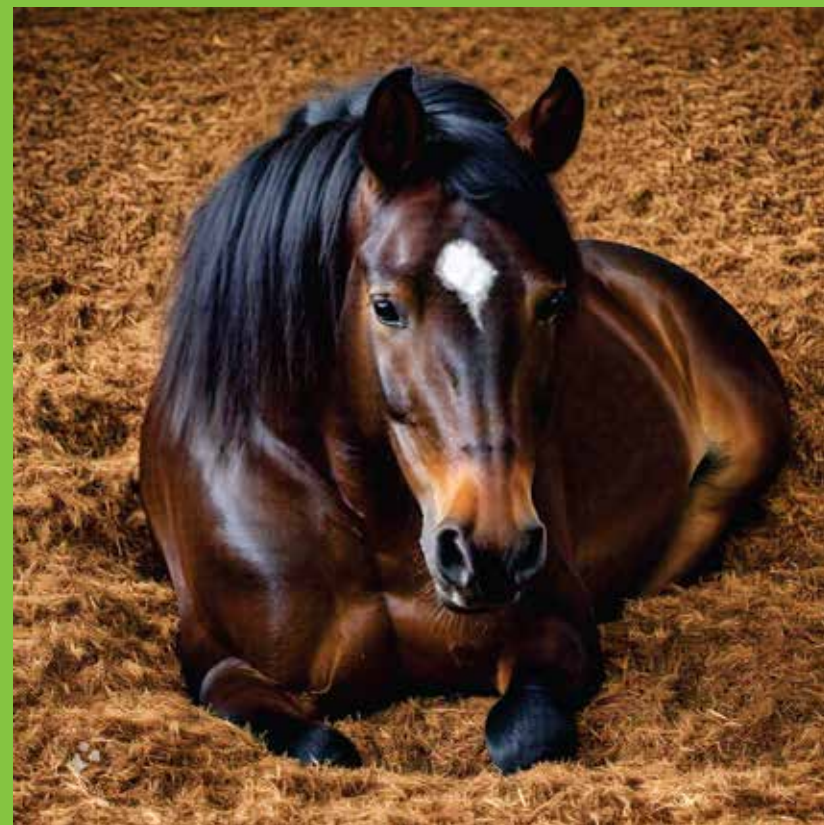
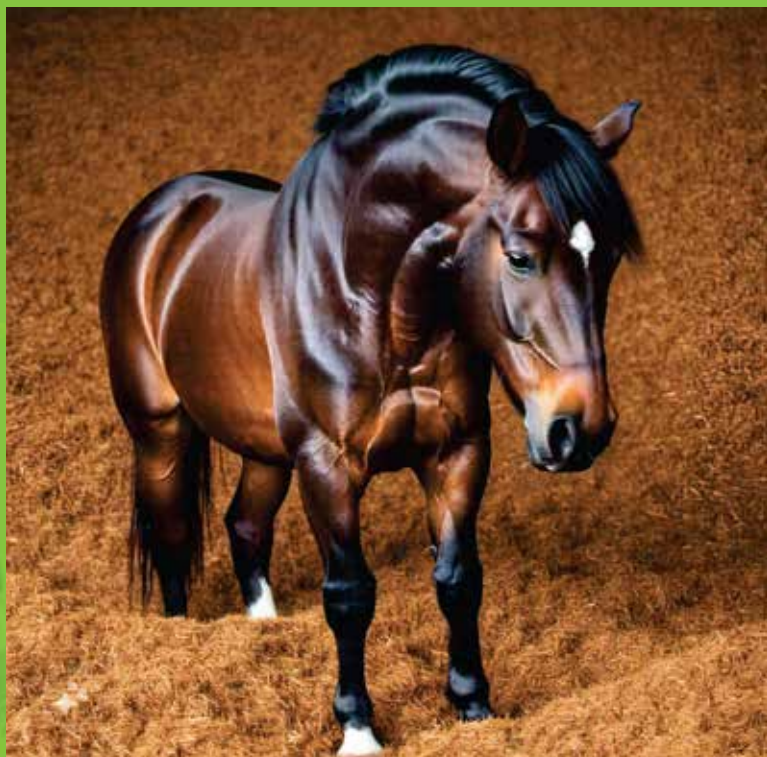
Benefits of Coir Grow Bags

- By using Grow bags, growers experience ongoing financial savings in their purchasing a high quality crop and high yield. Excellent medium for seed propagation.
- Grow bags are being shipped in a compressed form, allowing the easy handling and low environmental impact with transport.
- Fast and healthy root development.
- Easy and fast transplant.
- Equal water and air distribution.
- Substrate Promoted growth.
- Stable pH and EC Values.
- Can be re – used after harvest to improve soil.
- Compressed and easy to handle.
- Rapid dense root growth.
- Simple in application & 100% biodegradable



Loose Coco Pith for Animal Bedding

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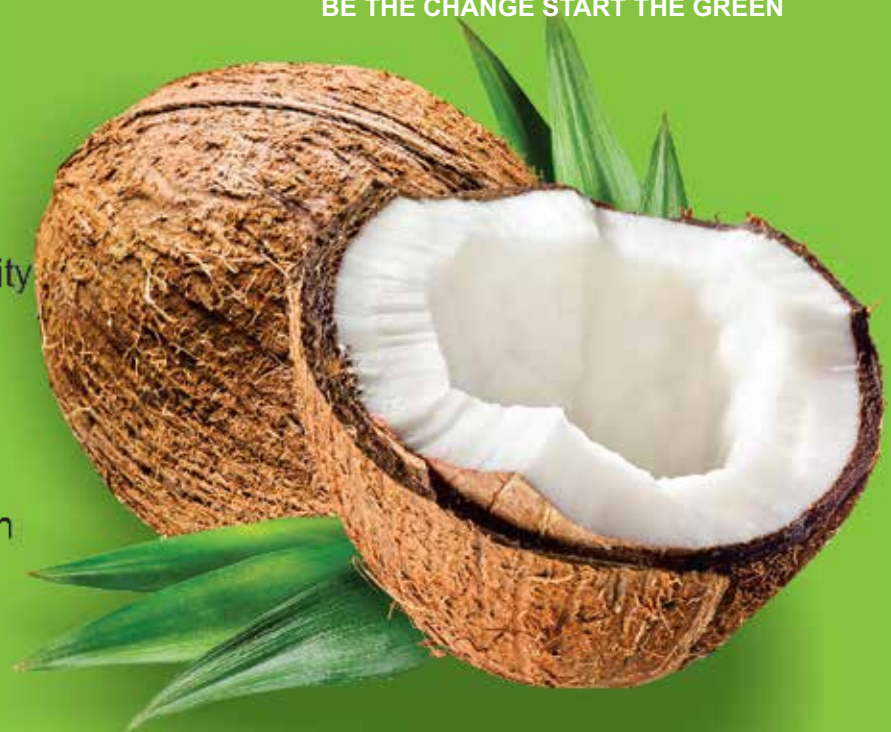


It reduces the costs and waste of product. It is completely biodegradable and can be used without composting. Avoids bad odours and reduces reproduction of flies and mosquitoes. Keep the horse bedding in perfect condition for two months or longer. The higher pH negates the need of added limes before spreading on yeild

De- Husked Coconut

Semi Husked Coconut supplied by us is in great demand due to the quality features. The Semi Husked Coconut is processed from the fresh coconuts and is used for various purposes. Even sized and quality coconuts are packed in sacks of great durability to ensure safe product delivery. As per the requirement of the client fully husked coconut and fresh coconuts can also be delivered at competitive rate.

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COCO POTS

Coco pots are made from coir fiber blended with natural rubber. Coco pots are 100% biodegradable used for horticulture, in ornamental plant, vine and tree nurseries, as well as for the domestic gardening.

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GARDEN COCO POTS

Coco Fibre Liner - Hanging Planter POTS - Coir Liner - Basket

- ✂ VTEC hanging basket liners are made from the pure natural premium fibre of ripe coconuts, perfect to apply in indoor and outdoor
- ✂ Coco fibre liner is good at moisture regulator and offer enough air for roots to breath which results in greater plant vigor. You only need to put soil and plants on the liner to keep the plant moisturised to grow faster.
- ✂ The natural look of coco coir liner makes a striking statement, great for decorating the living room, garden, balcony, and bedroom, which keep you in a good mood every day. Such a distinctive coco planter in your garden must be the envy of the neighbourhood.
- ✂ Best potting container for root aeration. Perfect for planting directly into the soil or larger pots. Minimal root disturbance promotes stronger, healthier plants.
- ✂ Made from biodegradable coconut fibre.
- ✂ Coco Liners are eco-friendly and lasts for longer period of time reduces the need of watering by 50 percent.
- ✂ Coir pots are biodegradable pots and an excellent growing medium for plants and can be transplanted into the soil with the pot itself. Coir pots have an exceptional high permeability to water, air and roots. Coco pots promotes root distribution(aerial root pruning) thus allowing complete usage of the pot.
- ✂ Use sprayers to water the plants. Plants planted directly into the ground in coir pots will settle in and take off more quickly.
- ✂ Coir pots can serve gardening needs in a better way compared to plastic or earthen pots. Light weight & easy to handle. Coir pots observes the water and keeps the plant more fresh. Retains moisture for longer period of time
- ✂ Made from natural coconut husks, coco coir liners are thick, long-lasting, and absorbent. It will hold water and release it slowly to keep the soil moist.
- ✂ Coir liner lend a natural look to a hanging basket. The sheets of brown coconut fibre mould to the container. The natural fibres in coir allow for extra drainage and air circulation for the plants.



SEED GERMINATION POTS

Coco Seedling Tray For Seed Germination

Product Name: Coco Fibre Natural Coir Seed Trays, Used For Germination Of All Kind of Seeds

They are completely biodegradable and highly durable

Dimensions Of Tray: 28 Cm- Wide X 14 Cm Deep X 4 Cm High

Each tray consists of 8 cavities



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COIR ROPE FENDER & COIR LOG

Fender is a bumper used to absorb the kinetic energy of a boat or vessel berthing against a jetty, quay wall or other vessel. Fenders, used on all types of vessels, from cargo ships to cruise ships, ferries and personal yachts, prevent damage to vessels and berthing structures. A coir log is a product made of coir fibres rolled into a log shape for easy maneuvering and placement. Coir logs are excellent devices to stabilise banks, wetlands and construction sites as they minimise erosion. Compared to rocks or bulkheads, coir logs allow vegetation to grow within them.



COIR LOG

AVAILABLE SIZES & WEIGHT

20cms.x 6mts. wt.30kg.

30cms.x 6mts. wt.60kg.

40cms.x 6mts. wt.100kg.

50cms.x 6mts. wt.150kg.

60cms.x 3mts. wt.100kg.

COCO POLES

- ✂ Coco poles are made by wrapping coir fibre sheets around PVC pipes or wood sticks. The plant poles are used for growing small climbers and as support for small flowering plants. Coco poles being porous enables the high moisture retention capacity to the stick and allows the roots of the plant to grip naturally into the coir fibre. Coco poles can be used in any type of clay or plastic pots. These poles are used in nurseries, horticulture & greenhouse farming; and indoor and outdoor horticulture decor also for ornamental plants and vegetables.
- ✂ Coco Pole are made from Rich Coir which support indoor and outdoor plants. Coco Pole are stuffed with 100% Biodegradable Coir. Coco Pole help the plant to develop many tiny roots throughout the surface as these poles are permeable.
- ✂ Coco Pole have water absorbing capacity and it Supplies nutrients to plant periodically.
- ✂ The net wrapped around the pole tighten the coir moss firmly for long last use.

- 1 FT (30 cm) with 25cm Fibre coverage
- 2 FT (60 cm) with 50cm Fibre coverage
- 3 FT (90 cm) with 75cm Fibre coverage
- 4 FT (120 CM) with 95cm Fibre coverage
- 5 FT (150 CM) with 120cm Fibre coverage





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