We, Diplomat Coir, established in 2011, we known as Diplomat International since 1993. We are suppliers of Quality Coconut and Coconut by product such as Coconut fiber (mattress Fiber, Bristle Fiber), Coco Peat, Coco Husk Chips, FMT Rope, Coir Yarn, etc from India since 2004 under the Brand Name of “Diplomat”
Coco Peat

- Once the husks have been received in our production plants they are stored centrally for at least six weeks, after which further processing can begin. The husks are beaten or decorticated to remove the fibers, which leaves us with coco peat. The coco peat is transported to our storage bunkers immediately after the fibers have been removed. There it is stored and so begins the ageing process in which the coco peat is stabilized. This process takes at least four months. Once it is over, we sieve the coco peat to remove the last remaining fibers. The coco peat is then dried and taken to the pressing shop, where it is compressed into 5kg blocks and briquettes. After this, the products are shipped in sea containers.

Washing

- After sieving, we can subject the coco peat to further treatment, e.g. the coco peat can be washed. Elements which are freely soluble in water, such as potassium, sodium and chloride, are removed. The salt content is reduced to an EC < 1.0 mS/cm [1:1.5 water extraction method].
**Buffering**
In addition to this, we can also buffer the coco peat. During this process, calcium $[2^+]$ is introduced in order to remove monovalent positive ions such as potassium $[1^+]$ from the coconut complex. In this way, we remove not only elements which are soluble in water but also elements which are bound to the coconut complex. Washing and buffering can take place in India.

**Coco fiber**
The fiber that we remove from the husk is excellent for use in growing media. Coco fibers improve the capillary action of the growing medium. For this reason, they have to satisfy a number of strict requirements, e.g. in terms of length, thickness and EC. We remove the fibers by decorticating, beating or defibering the husk. We then select them on the basis of thickness, as fibers which are too thin decompose at too fast a rate and therefore lose their effect too quickly. The remaining fibers are graded according to quality, cut to size, washed, dried and compressed.
Coco Peat Blocks

In all mixtures and sizes
We can supply coco peat, coco fibers and coco chips in the form of compressed 5kg or 25kg blocks consisting of 100% coco peat, fibers or chips. Washed, buffered or unwashed. Even if you want a mixture made to order, you can choose to receive it in the form of a compressed block. All you have to do is wet the blocks, at which point they will swell up.

Flexible and timely delivery
We can supply both from India, both on pallets and in bulk. Because we ship large volumes and have annual contracts with shipping companies, we offer very competitive shipping rates, which will directly benefit you and we guarantee a pure and clean product. Diplomat Coir controls the complete production process and the output of our blocks is therefore excellent. Thanks to careful supervision, all our products are free of weed and sand.
COCO PEAT
650GRAMS PACK

Compact coco peat blocks
In addition to the blocks, we can also supply coco peat in briquettes. These easy-to-use briquettes are 20 x 10 x 7 cm in size and work in the same way as the blocks. When wet, they swell up and their volume increases by about ten times. For example, one briquette provides approximately 8 liters of pure coco peat. You can choose washed, buffered or unwashed coco peat. Briquettes can be individually wrapped if needed.
**Flowers:**

**Ideal alternative to traditional substrates**
Over the past twenty years coco peat has proved its worth as an excellent product for flower cultivation. What’s more, Diplomat Coir roots are in rose growing. Tests conducted on other plants quickly showed that coco peat is a perfect alternative to other substrates because it has a high lignin content and retains its physical properties for several years. This keeps both the water and the air content constant. This is very important for the development of fine roots which substantially increase the plant's absorption capacity.

Diplomat Coir has a lot of experience in flower cultivation, which can be seen in our products. We know what we are talking about and we concentrate on coconut rather than on countless substrates at the same time. We also have control over the entire production process. This means that we maintain strict supervision of the quality of our products. And we go beyond production. We have an experienced and expert team of specialists, laboratory staff and agricultural scientists.
VEGETABLE

More growth and less cost

Coco products have great benefits for vegetable growers. Diplomat Coir products hold a lot of moisture and air and in this way stimulate the growth of fine roots, which undeniably increase the plant’s absorption capacity. The result is substantially increased vegetable growth. What’s more, coco peat can often easily last for several seasons. For example, where peat rots away, coco peat hardly decomposes at all. The product doesn’t therefore have to be replaced quickly, and this constitutes a considerable cost saving. In addition to this, coco peat is free draining while at the same time it holds a lot of water. The top also dries out fairly quickly, forming a natural protective layer. This means that pathogens do not get a chance to penetrate as far as the plant’s roots.

Mixtures made to measure

Diplomat Coir is uniquely familiar with coco products because we’ve been dealing with them for over 10 years. This means that you can come to us not only for a top quality product but also for expert advice on the substrate that best suits your specific situation. After all, we are only too aware that each plant requires a bespoke solution.
Soft Fruits

Both effective and sustainable

From strawberries to blackberries and raspberries to cranberries, soft fruits show excellent growth on coco peat. It’s no wonder, then, that growers are increasingly choosing coco peat over peat. The advantages are clear. Coco peat holds water longer and also has a well aerated structure. This stimulates vegetable growth considerably, both in glass and outdoors. Coco peat also lasts a long time. Unlike peat, coco peat does not rot down but retains its structure.

Stability and continuity

Coco peat is a particularly stable product which is free draining but at the same time has a high water-holding capacity. In addition to this, the top layer of the substrate dries out fairly quickly, creating a protective layer that prevents pathogens from reaching the roots.

Diplomat Coir is a world-leading producer and supplier of coco products. Thanks to our combination of much experience, especially close supervision during the production process and a team of expert laboratory staff and agricultural scientists, we are able to supply a wide range of high-quality products. At any time.
How to use Coco Peat

Coco peat is shipped in compressed form to reduce transport and handling costs. Converting coco peat blocks to coir dust is easy. All you need to do is add water to the block and the block will puff up into moist fluffy coco peat. Just add sufficient water to the block to make sufficient quantity of moist coco peat. You can put away the unexpanded block for later use.

If you need to expand the whole block, immerse the block in a large tub capable of holding at least 25 liters of water. Remove the wet expanded coco peat that floats in the water, while continuing to add water to the tub till the complete block is expanded.

If you are a large grower who needs to expand large number of coco peat blocks, place the coco peat blocks vertically with a distance of about 1 feet between them. Spray water from a hose on the coco peat blocks while working on the blocks with hand to expand them into moist coco peat. Another method is to use machinery to crush the block into powder and then use the dust.

If you are using low compression coco peat for absorption purposes, you can simply break and crush the block into powder in the palm of your hand.
Using coco peat for potting mix: Mix the expanded coco peat with leaf mould or homemade organic manure in the ratio of 1:1. Add red soil or sand in small quantities for large plants, otherwise the coco peat will not be able to hold the weight of the plants as they grow. Red soil tends to compact over time (despite the coco peat), so take care not to mix more than one third of the mix. For germination, mix coco peat, leaf mould and sand in the ratio of 1:1:1. If you are using commercial organic manure, it would be better to mix coco peat and organic manure in the ratio of 10:1 as commercial organic manures are often of high strength.

Using coco peat as hydroponics medium: For hydroponics, it is better to thoroughly wash and buffer the coco peat before use as most of the nutrient formula available on the web are not meant for growing in coir. First expand the coco peat block as instructed earlier. Wash the expanded coco peat in a large tub of soft water for a few minutes. Drain the water and repeat the process. If the coco peat you bought is unwashed, you will have to repeat the process a couple of times more. Dissolve calcium nitrate (available in agri supply stores) in water in the ratio of 1 g per liter and allow the coco peat to soak in the solution for 12 hours. Drain any remaining solution and wash the coco peat again in soft water a couple of times. The coco peat is now ready for use as a hydroponics medium.
Mode of Packing and Transportation

Pallet Packing – 1250Kgs = 25mt each 40hc Container
25KGS BAG PACKING
Contact

Regd. Address:

**Diplomat Coir**
10/45-1, Baskar Nagar,
Makinampatti Post, Pollachi – TK
Coimbatore Dist, Tamilnadu, India – PIN 642003
Phone: +91-9578815700

Communication address:

6/514/24, Prasadham Apartment
5th Vekitesapuram Colony
100ft Malapuzha Road, Puthur,
Palakkad, Kerala, India – PIN 679 001
Phone: +91-9961274531
email: diplomat.coir@gmail.com
msn: anand_diplomat@hotmail.com
Skype: mexpmum