



VELAPPAR EXPORTS

Get green with coir



100%
Organic &
Eco-Friendly

www.velapparexports.com

info@velapparexports.com



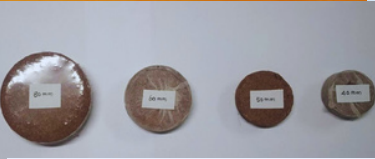
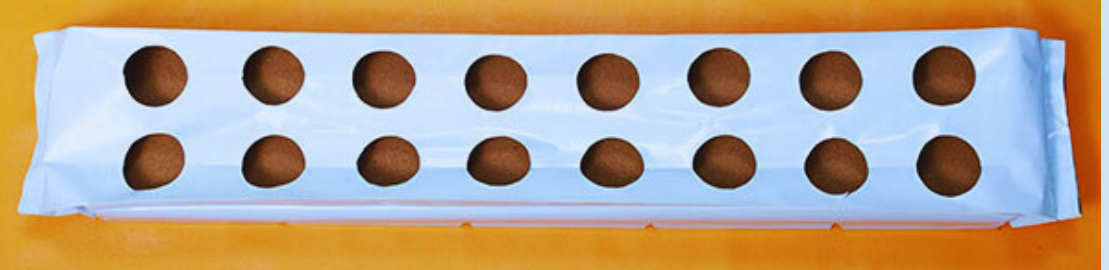
Welcome to Velappar Exports

We are specialized in manufacturing and selling agricultural products. Growing your own vegetables naturally is a tremendous way to ensure you can have healthy and nutritious food. The vegetable can be grown with the use of bio-fertilizers, organic manure, and vermicomposting to improve soil fertility and plant growth. We manufacture 100% Natural and Organic Coir Products to the horticulture, floriculture & substrates Industry. Velappar Coir is used as a growing medium for various hydroponics crops, nurseries, plant propagation and bedding plants.

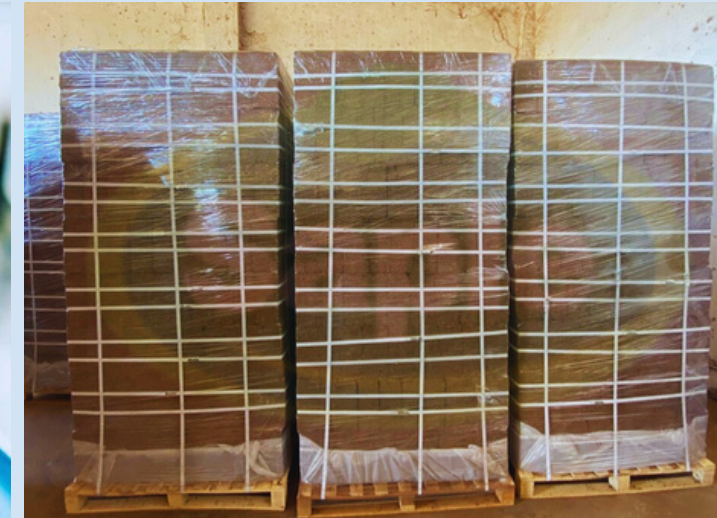
Velappar exports makes use of the most modern technologies and machineries along with high quality materials to produce different blends of Coir-Cocopeat Substrates. Our production facility plays a vital role in our quality and sustainability. We strictly follow the international standards to achieve high quality product.

Outstanding Quality Standard

We have strong QC department and a highly experienced workforce. The manufacturing strength is matched by its stringent quality control process. From the procurement of raw coco peat to finished product, a strict quality inspection with ensures that the customers received nothing but only best quality coco peat. Our Coco peat is washed, dried, sieved, screened and graded before processed into various coco peat products for horticulture and agricultural applications as it stands out to be a multi-purpose soil conditioner.



OUR PROCESS





Complete Solution for which crops?

The hydroponic technique is suitable for wide variety of crops such as vegetables (Tomato, Peper, Cucumber, Strawberry, Melon, Watermelon, Greenbean...), Floriculture (Gerbera, rose, Carnation, orchid...) and also for propagation nurseries (Vegetables, citrus trees, olive trees, fruit trees...) as well as certain ornamental crops sensible to root asphyxia.



Velappar Coco Chips



Velappar Cocopeat produces 3 different grades of coir husk chips. The various coco chips sizes provide an excellent means of balancing air to water ratio for different applications.

Coco chips are popular among anthurium and orchid growers. They are also ideal for mulching as coco chips greatly increase the air porosity in soil.

Available in 4.2kg

Breakout volume: 15 litres per kg (approx).

Size: 30 x 30 x 15cms

5kg Coco Natural

Product Specifications in different mix

Product Code	Product Name	Texture	Quality	Compressed Size (cm)	Expanded Vol. (Lts)
101	Natural	100% CP	Natural	30 x 30 x 12-15	60 - 65
102	Natural +	100% CP	Washed	30 x 30 x 12-15	70 - 75
103	Natural ++	100% CP	Buffered	30 x 30 x 12-15	70 - 75

CP - Coir Pith

5kg Coco Mix

Product Code	Product Name	Texture	Quality	Compressed Size (cm)	Expanded Vol. (Lts)
201	Mix	75% CP + 25% Chips	Natural	30 x 30 x 12-15	60
202	Mix +	75% CP + 25% Chips	Washed	30 x 30 x 12-15	70
203	Mix ++	75% CP + 25% Chips	Buffered	30 x 30 x 12-15	70

CP - Coir Pith

4.5 - 5kg Coco Pro

Product Code	Product Name	Texture	Quality	Compressed Size (cm)	Expanded Vol. (Lts)
301	Pro	50% CP + 50% Chips	Natural	30 x 30 x 12-15	60
302	Pro +	50% CP + 50% Chips	Washed	30 x 30 x 12-15	70
303	Pro ++	50% CP + 50% Chips	Buffered	30 x 30 x 12-15	70

CP - Coir Pith

4.5 - 5kg Coco Premium

Product Code	Product Name	Texture	Quality	Compressed Size (cm)	Expanded Vol. (Lts)
401	Premium	70% Chips + 30% CP	Natural	30 x 30 x 12-15	60 - 65
402	Premium +	70% Chips + 30% CP	Washed	30 x 30 x 12-15	70 - 75
403	Premium ++	70% Chips + 30% CP	Buffered	30 x 30 x 12-15	70 - 75

CP - Coir Pith

4.2 - 4.5kg Coco Supreme

Product Code	Product Name	Texture	Quality	Compressed Size (cm)	Expanded Vol. (Lts)
501	Supreme	100% CC	Natural	30 x 30 x 12-15	60
502	Supreme +	100% CC	Washed	30 x 30 x 12-15	70

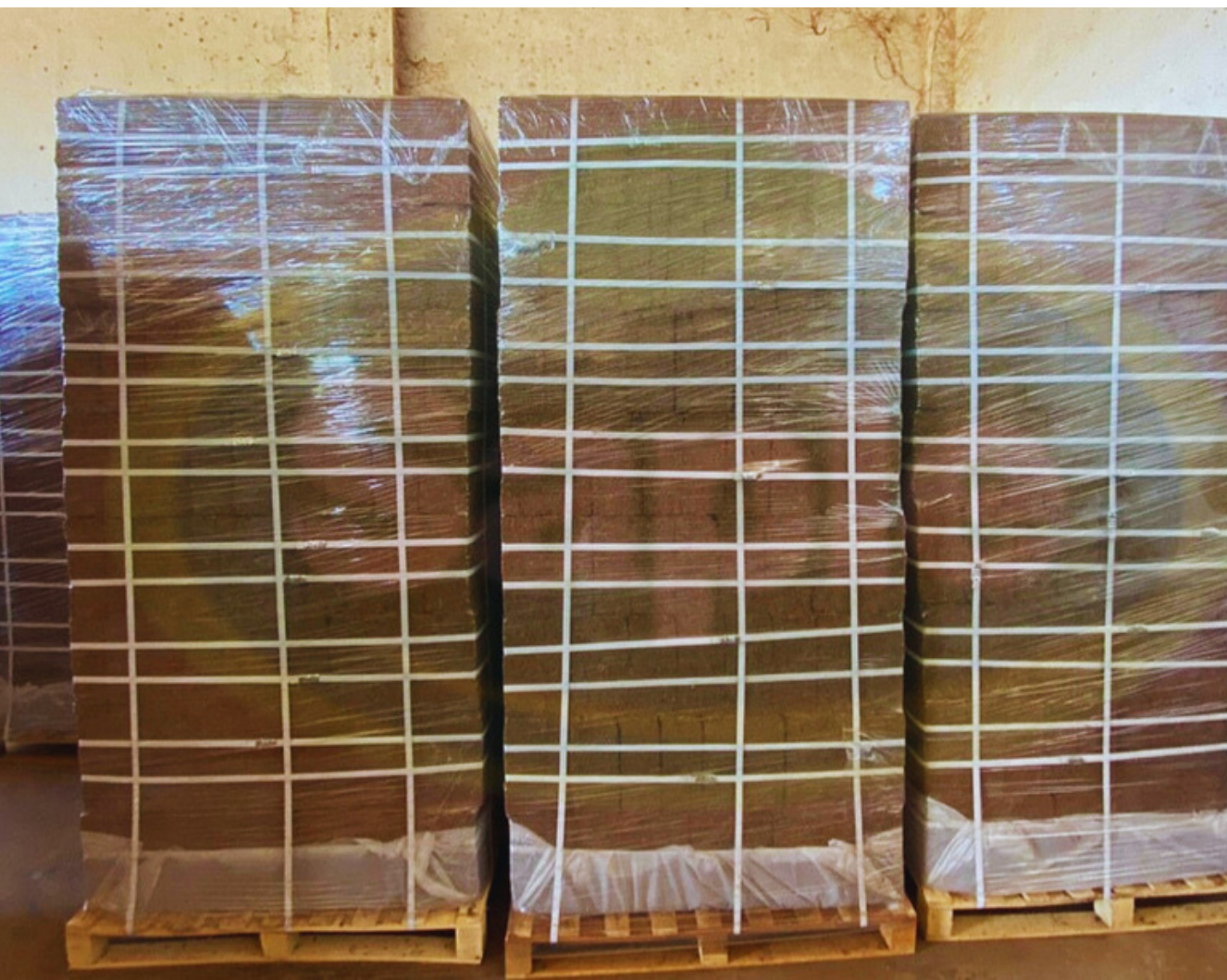
CC - Coco Crush

Velappar Cocopeat 5kg Bales

Cocopeat is washed, dried & compressed into 5 kg blocks for your convenience. Cocopeat/Coco Coir/ Coco Fiber has a unique ability to withstand high compaction force without leaving its beneficial structure. Hydrate the blocks slowly by using 25 liters of water and allow the moisture to be fully absorbed. Once the block is completely reconstituted to get the yield 70 – 75 liters. Now you are ready to use it to improve your potting soils or use as a 100% soil less growing medium. A perfect growing media for flower and vegetable cultivation as well for soil conditioning.



*Blocks are available in naked form and shrink wrapped



Specification	
Product Name	Cocopeat Block 5kg
Electric Conductivity	<0.5 mS/cm (Dutch 1:1.5 method)
pH	5.5 - 6.5
Weight	5 kg (+/- 5%)
Size/Dimension	30 x 30 x 12-15 cms
Aging Period	6 Months
Sieve Mesh Size	4mm , 8mm, 12mm
Moisture	Less than 15%
Sand Percentage	Less than 2%
Fiber Percentage	6% , 8% , 12%
Expansion Volume	Minimum 12-15 litres/kg
Pallet Loading(40' HC)	4800 Blocks/20 Pallets
Bulk Loading (40' HC)	5200 Piece per Container



Velappar Cocopeat 650g Briquettes

650 gram briquettes are ideal for home gardening and hobby growers. Briquettes are perfect for a variety of flowering and vegetable plants.

650g Coco Natural

Product Code	Product Name	Texture	Quality	Compressed Size (cm)	Expanded Vol. (Lts)
601	Natural	100% Coir Pith	Natural	20 x 10 x 5	8
602	Natural +	100% Coir Pith	Washed	20 x 10 x 5	9 - 10
603	Natural ++	100% Coir Pith	Buffered	20 x 10 x 5	9 - 10

650g Coco Mulch

Product Code	Product Name	Texture	Quality	Compressed Size (cm)	Expanded Vol. (Lts)
701	Coco Chips	100% Coco Chips	Natural	20 x 10 x 5	7
702	Coco Chips	100% Coco Chips	Washed	20 x 10 x 5	8 - 9
703	Coco Chips	100% Coco Chips	Buffered	20 x 10 x 5	8 - 9

* Specially for Orchid flowers cultivation.

* Velappar 650 & 500 gram briquettes are available unwrapped or individually shrink wrapped with label and palletized.

Specification	
Product Name	Cocopeat Bricks 650g
Electric Conductivity	<0.5 mS/cm (Dutch 1:1.5 method)
pH	5.5 - 6.5
Weight	650g (+/- 5%)
Size/Dimension	20 x 10 x 5 cms
Aging Period	6 Months
Sieve Mesh Size	6mm and 0.5mm
Moisture	Less than 15%
Sand Percentage	Less than 2%
Fiber Percentage	Less than 6%
Expansion Volume	Minimum 12-15 litres/kg
Pallet Loading(40' HC)	39000 Bricks/20 Pallets
Bulk Loading (40' HC)	40000 Piece per Container

Velappar Cocopeat Disks & Plugs

Velappar Coir Disks have been specially designed to provide the best start for your young gerbera plants.

- Rapid and more dense rooting
- No re-wetting problems
- Excellent buffering properties
- 100% organic and environmentally friendly

Coir Plugs are fully covered with 100% biodegradable non-woven cloth and it works as a pot to the plant. They are best suited for seed germination nurseries.

- Plugs provide just the right aeration and moisture control for the successful reproduction process (propagation) in plants
- Seed starter plugs are mainly made up of peat & other organic materials
- Plugs have shown faster germination



Disk Diameter (cm) Weight (g)	Expansion	Units Per Box (Per Pallet)	Units Per 20' HC	Units Per 40' HC
4 (20-25)	250ml	250 (31,250)	312,500	625,000
6 (40-45)	500ml	150 (15,600)	156,000	312,000
7.5 (70-76)	1 Ltr	130 (13,520)	135,200	135,200
10 (110)	1.5 Lts	120 (8,640)	86,400	172,800
16 (350)	3.5 Lts	36 (2,160)	21,600	43,200
22 (1110)	13 Lts	16 (800)	8,000	16,000

* Different sizes are available based upon quantity requested.

* Physical and chemical structure for different kinds of disks can be specially ordered depending upon quantity requested and stock available



Velappar Coir Pots

Coir pots are biodegradable pots and an excellent growing medium for plants and can be transplanted into the soil with the pot itself.

- Coco-coir pots have an exceptionally high permeability to water, air and roots.
- Coir Pots is the ideal growing medium for houseplants, due to excellent moisture retention and good aerobic qualities.
- Indoor plants require a coir pots.

Coir Pots Specification

Coir Pots	Height	Width
2" Coir Pot	6.5cm	5cm
3" Coir Pot	7cm	7.5cm
4" Coir Pot	8cm	11cm
5" Coir Pot	11.5cm	13cm
6" Coir Pot	11.5cm	15cm
6.5" Coir Pot	18cm	16.5cm
8" Coir Pot	18cm	20cm
10" Coir Pot	20cm	25.5cm
12" Coir Pot	26cm	20.5cm

Basket / Hangers Specification

Basket/Hangers/Spanish Pots	Height	Width
8" Basket Small	6cm	20cm
10" Basket Medium	8cm	25cm
12" Basket Large	10cm	30cm
14" Basket Extra Large	12cm	35cm
5" Conical Hangers	23cm	13cm
9" Conical Hangers	30.5cm	5cm
3" Spanish Pot	7.5cm	7.5cm
4" Spanish Pot	10cm	13.5cm
-	-	-



Velappar Coco Mulchmat & Coco Poles

Mulch Mats are completely biodegradable and ideal for use around plants, shrubs and creepers on ground as well as pots.

- Mulch Mats help to prevent the growth of weeds, which deprive plants of nutrients and moisture.
- Mulch Mats protect plant roots from extremes of temperature whilst retaining moisture in the soil.

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 plant.

- Coco poles are used for growing small climbers and as support for small flowering plants.
- Poles are extensively used in nurseries, horticulture & greenhouse farming and indoor and outdoor horticulture décor.

Coco Mulchmat Specification

Coco Mulchmat	Diameter	Thickness
6" Circle Small	15cm	0.5cm
8" Circle Medium	20cm	0.5cm
10" Circle Large	25cm	1cm
15" Circle Extra Large	38cm	1cm
6" Square Small	15*15cm	0.5cm
8" Square Medium	20*20cm	0.5cm
10" Square Large	25*25cm	1cm
15" Square Extra Large	38*38cm	1cm

Coco Poles Specification

Coco Poles	Height	Thickness
24" Plastic Poles	60cm	2cm
36" Plastic Poles	90cm	2cm
48" Plastic Poles	120cm	2cm
60" Plastic Poles	150cm	2cm
24" Wooden Poles	60cm	2cm
36" Wooden Poles	90cm	2cm
48" Wooden Poles	120cm	2cm
60" Wooden Poles	150cm	2cm



Velappar Coir Ropes & Fibre Bale

The fibre strands of highest length are mechanically spun to form curled coir ropes. Twisting the fibres imparts it with resiliency, which is reciprocated to the next product in the value chain.



Own Production Capacity	30 to 35 kg, 1 feet
Bale Weight	30cm - 18 (nos) cureld.
loadability of	40Hc: 200 bales
Impurities	<12%
No.of Curles	30 cm; 16-20
Diameter	20+/-2mm
Moisture	< 15%
Colour	Brown
Fibre length	Above 150mm: 22%
	100 to 150mm: 36%
	<100mm:30%
Bundle	25-30kg
Loadability of	40`HC -18 to19 Tones



The mechanically extracted fibres are sun dried in dedicated open drying yards, which then are graded to different quality before the process of compressing to a 105kg bale

- Own Production Capacity : 9Mt tones / day
- Bale Weight :105 +/- 3 kgs.
- loadability of 40Hc: 200 bales
- Moisture < 15%
- Colour : Brown /white
- Impurities <5%
- Length 7 - 10cm 20%
- 10-25cm 80%
- Packing -Steel Strap



Velappar Opentop Growbags

Open top growbags make ideal choice as space saving growing medium in green house cultivation for growing vegetables and flowers.

- Growbags can be reused for multiple harvest seasons over several years due to coco substrate mediums efficient drainage and low decomposition rate.
- Grow bags are great for salad greens and plants with shallow roots, such as tomatoes or peppers.

Note:

- Other sizes are available based upon demand
- All products are available in 40' HC containers
- Different coconut chips are available and can be added at the growers request

Product Name	Opentop Growbag
Electric Conductivity	< 0.5 mS/cm (Dutch 1:1.5 method)
pH	5.5 ~ 6.5
Weight	900g (+/- 5%)
Aging Period	6 months
Sieve Mesh Size	6 mm and 0.5mm
Moisture	Less than 15%
Sand Percentage	Less than 2 %
Fiber Percentage	Less than 8%

Compressed Size (cm)	Expanded Vol. (Lts)	Units Per Pallet	Pallet Per 40'HC	Units Per 40' HC	Sieving (Double Sieved)
25 X 20 X 4	25 X 20 X 16 (12)	460 Per Piece	40 Per Piece	18,400	3/4"
25 X 18 X 5	25 X 18 X 20 (15)	450 Per Piece	40 Per Piece	18,000	3/4"
30 X 20 X 5	30 X 20 X 20 (18)	400 Per Piece	40 Per Piece	16,000	3/4"
30 X 20 X 5	30 X 25 X 20 (18)	400 Per Piece	40 Per Piece	16,000	3/4" + Chips
19X 21 X 10	21 X 23 X 20	300 Per Piece	40 Per Piece	12,000	Cocopeat

Velappar Growbags

Velappar Substrates growbags have become a popular choice for multipurpose growing medium for vegetables, fruits & flowers. Our Substrates growbags are 100% natural. Growbags are made up of a special blend of coir pith and chips, designed to provide the ideal air to water ratio for hydroponics. Our strict quality control regime ensures that only the best coir products reach our customers.

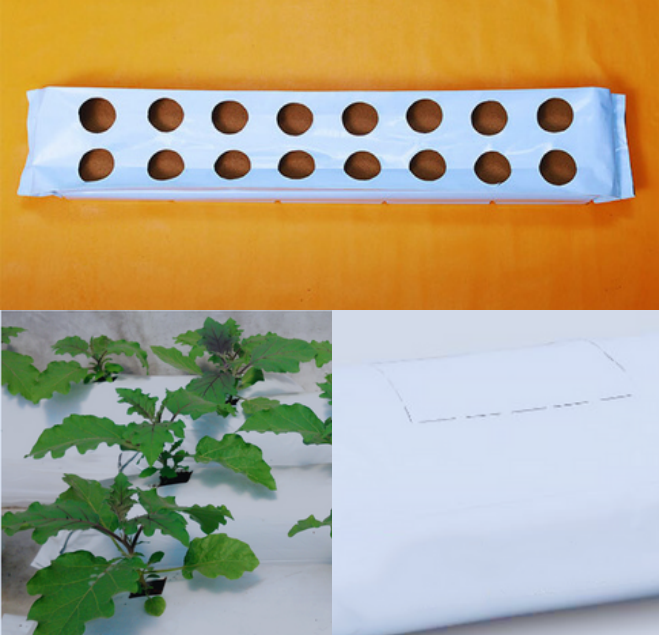
Growbags are packed in high density, co-extruded plastic bags, which are UV treated at least a minimum of 2 years. Another advantage is that they are easy to transport before re-hydration and can be stocked for months as they are compressed dry.

We have five type of textures – Natural, Mix, Pro, Premium & Supreme. These textures are available in washed, unwashed & buffered growbags.

*Other 90 sizes can be manufactured as per Customer's requirement.

Product Name	Growbags
Electric Conductivity	< 0.5 mS/cm (Dutch 1:1.5 method)
pH	5.5 ~ 6.5
Weight	2.4kg (+/- 5%)
Aging Period	6 months
Sieve Mesh Size	8 mm and 0.5mm
Moisture	Less than 15%
Sand Percentage	Less than 2 %
Fiber Percentage	Less than 8%
UV / Thickness	2 Yrs/400g

Compressed Size (CM)(L x W x H)	Expanded Size (CM) (L x W x H)	Volume in (Liters)	GB Per Pallet
100x15x3	100x15x10	14.36	795
100x18x4	100x18x16,5	28.30	395
100x20x4	100x20x13,5	26.06	430
100x22x3	100x22x10	21.78	530
120x15x3	120x15x10	17.4	665
90x15x4	90x15x12	15.66	735
96x15x3	96x15x9	12.53	985
72x20x4	72x20x12	16.61	710
60x15x3	60x15x10	8.70	1325
50x20x4	50x20x11	10.73	1060



Velappar Substrates – Natural

- 100% Cocopeat
- Less than 1 mm fines removed
- Fibers in the Cocopeat improve the water circulation in the substrate and give a better root colonization.
- We are using high quality Cocopeat which guarantees a maximum expansion when watering and long term stability for the substrate.
- The slab has an air holding capacity of 20 volume% at full water saturation made if fine coco material suitable for Tomato, Cucumber, Strawberry & flowers

Velappar Substrates - Mix

Velappar Substrates – Mix growbags is made from a blend of 75% sieved cocopeat and 25% coco chips. Double sieved less than 1mm fine particles removed. Our Mix growbags are homogeneously mixed. It improves the root development of the crop and a quick start of the culture. Mix has high air content and ensures optimum Oxygen in the roots.

It presents a higher air/water ratio. Velappar Substrates Mix is the perfect substrate for modern climate. It is adaptive, offering generative or vegetative growth according to climate and for cultivation management.

Velappar Substrates - Pro

Velappar Substrates – Pro growbags is a new generation Product, made from a blend of 50% sieved cocopeat and 50% coco chips/crush manufactured by slicing the entire coconut husks. Double sieved less than 1mm fine particles removed.

It presents a high air/water ratio. Both products are mixed homogeneously to achieve the best possible filling. Velappar Substrates – Pro is the perfect substrate for modern climates. Therefore it suits perfectly for growing cucumbers and roses, especially in hotter climate.

Velappar Substrates - Premium

Velappar Substrates – Premium growbags made from a blend of 30% sieved cocopeat and 70% coco chips/crush manufactured by slicing the entire coconut husks. Double sieved less than 1mm fine particles removed.

It presents a high air/water ratio. Both products are mixed homogeneously to achieve the best possible filling. Velappar Substrates – Premium is the perfect substrate for modern climates. Therefore it suits perfectly for growing cucumbers and roses, especially in hotter climate.

Velappar Substrates - Supreme

Velappar Substrates – Supreme growbags is a new generation Product, made from a 100% coco crush chips manufactured by slicing the entire coconut husks. Double sieved less than 1mm fine particles removed.

It presents a high air/water ratio. Both products are mixed homogeneously to achieve the best possible filling. Velappar Substrates – Supreme is the perfect substrate for modern climates.

We are manufacturing 90 different sizes (LXWXH), with or without precut plant and drainage holes. Predrilled holes for adding the drippers more easy are also optional. And we also do as per customer requirement.

We can deliver our substrates with pre-cut bags with planting holes, water drip holes & drain groves for easier preparation and labour cost cutting.

Grooves will be provided in slabs as per customer request for good drainage capacity.

The Future of Growing Media is COIR

Coir as a growing media is increasingly becoming one of the most important resources for the future. Some areas of modern Horticulture such as vegetables, cut flowers, orchids and others are dominated by coco growing media.

Velappar Exports Private Limited

No.3, Kulamangalam main road,
Poonthamalli nagar,
Sellur, Madurai-625002
Tamilnadu, India.

Mobile: +91-9597876642
Email: alagusiva110@gmail.com
info@velapparexports.com
Website: www.velapparexports.com

