SUGA COCO®

SUGA COCO PEAT **is the best**

Growing Media for Blue Berry Cultivation

OMRI® LISTED
For Organic Use

We Value the Nature!

Suga Coco Peat

Growing media

We have succeeded past 25 years of experience in providing complete solutions in raw material procurement and supply high quality coir and coir-based products for the export market. We have extended our supply in the global market at very short term with understanding the customer requirements with leading manufacturing and export of the coir pith industry.

Our company has assured the higher volume of raw materials in our area which is sourced from over 5 lakh coconut trees in the region to ensure the standard supply of variety of coco pith products for export market. We have our own in-house manufacturing Unit spread over 3 lakh sq feet concrete yard and drying yard with well-equipped set up for sufficient production. Also, A well-integrated transport facilities on-time procurement with our Warehouse Storage as well as delivery of products.

We can also offer Grow Bags tailored according to the specification of the end user.

COCO BUFFERED & CHIPS

Coco peat normally contains high amounts of potassium and sodium. The aim of buffering is to get the coco to release those elements and replace them with calcium and magnesium.

Specification	Coco Buffered Block
Dimension	30 x 30 x 10
Weight	4.5 to 5 kg
PH	5 to 6.5
Moisture	10% - 15%
Electro Conductivity	<0.25 ms/cm
Fibre	<2%
Dehyrated Yie	75 + Liters
Sodium (Na)	<1 mhols/lit (or) 23 ppm
Pottassium (K)	<2 mhols/lit (or) 80 ppm

GROW BAG

Grow Bag – Cocopeat. Coir Grow Bags contain a blend of coco peat and coco chips. Selected raw materials are blended and compressed into a standard ratio to make slabs for the re quired size. This is the most desirable medium to grow in a soil-free environment with the latest technology.

Specification	Coco Grow Bag
Dimension	100 x 18 x 16 cm (Expanded)
Weight	2.8 - 3.2 kg
EC	<0.5ms / cm on 1:1.5 Ratio
PH	5.5 to 6.5
Particle Size	1 to 6 mm

COIR Substrates

FOR BERRY CROPS

THE FUTURE IS BLUE

- By selecting the very best raw materials, Suga Coco has created ideal blends for the cultivation of soft fruit.
- Suga Coco Substrates provides a wide range of growing media for soft fruit nurseries.
- We develop and produce substrates with optimum levels of quality, reliability and consistency.
- Suga Coco coir blend can suit all those ways of growing berries.
- Our Professional Soft Fruit Substrates ensure fast rooting and development, reduced time to first harvest, healthy plants with less disease and increased yield.
- Growers across the globe are increasingly growing blueberry plants in substrates — soil-free media mixtures typically housed in containers.
- When choosing the right raw materials for a long-term blueberry crop, stability and consistency of physical and chemical properties are key,
- The most common substrate blends for blueberries is Coir, its readily available and naturally low in pH, ideal for acid-loving plants such as blueberries.

Importance

Thus, blueberries have traditionally been grown with soil amendments such as pine bark and elemental sulfur.

The use of soilless substrates is a natural evolution in this process, especially SUGA COCO plays a vital role in this segment.

Soilless substrates are composed of organic fibers and coarse materials that are mixed to create ideal rhizosphere conditions for plants.

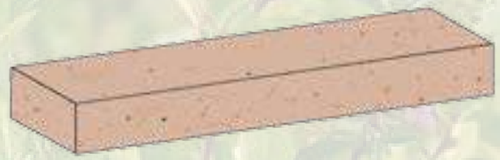
Including optimal water and nutrient availability, and absence of soilborne pathogens.

Container Selection

Container size and shape are important decisions for growers interested in using soilless substrates.

Substrate-based blueberry farms are using 5- or 6-gallon containers with abundant drainage are becoming more popular.

Drainage holes or grills at the bottom and sides of the pots increase substrate aeration and promote root health.



Blue Berry

Blueberry production in containers filled with soilless substrates is rapidly expanding throughout the world and in the Southeast.

These soil characteristics are not common in many parts of the world.

Blueberry bushes are notorious for their strict soil requirements.

They prefer well-drained, acidic soils with high organic matter.

Coco peat helps to keep the soil loose and airy helping in better root growth. Better root growth results in better plant growth and higher yield.

Coco Peat

Substrates Composition

The largest components (by volume) in soilless substrates are organic fibers - Coconut Coir.

These fibers give the substrate its water- and nutrient-holding capacity.

The water-holding capacity refers to the substrates' ability to retain water in microscopic pores where plant roots can access it.

The substrate-based production systems usually use fertigation, the ability to hold water directly impacts the availability of dissolved nutrients for plant uptake.

Substrates for blueberry production generally have >30% air-filled porosity. These materials usually have large particle sizes (> 5 millimeters), which increase substrate aeration and drainage.

Substartes pH

Substrate composition can also affect the native pH of the substrate.

Blueberry bushes prefer substrate pH in the range of 5.5 to 6.5. Suga Coco Coir provides the ideal pH solutions for Blue Berries.

Soilless substrates do not have high pH buffering capacity,their pH can change rapidly according to the pH of irrigation water or fertigation solution and plant nutrient uptake.

Water carbonate and bicarbonate concentrations (collectively called alkalinity) should also be considered when managing substrate pH.

Substrates Decomposition

Organic materials decompose rapidly in the warm and moist conditions inside the pot or bag.

Decomposing fibers and coarse materials consume nitrogen, creating competition for this nutrient with the plant.

Additionally, particles get smaller as they decompose, changing substrate water-holding capacity, porosity and drainage as the substrate gets older.

Decomposition rates vary depending on the initial status of each organic material.

Growers overseas usually keep plants in the same substrate for up to five years, but there is a lot of interest in researching practices to “rejuvenate” the substrate.

COIR

FOR BERRY CROPS

THE FUTURE IS BLUE

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CERTIFIED ISO 9001:2015 COMPANY

CERTIFIED ISO 14001:2015 COMPANY

ONE STAR CERTIFICATE

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