



PRODUCT CATALOG

100% Sri Lankan enterprise
contributing to greenhouse facilities
with the premium
grade coir substrate products



Professional Coir Substrates Manufacturer and Exporter



A Quality Product from Sri Lanka





100% Organic



About Us

Thuselco Story



Thuselco Holdings (Pvt) Ltd, has started its' functions from scratch , and have gathered highly qualified and standard human resources and a management fully furnished with knowledge and knowhow on the related trade, As well geared with cutting edge technological equipment and methodology in the field of producing coir substrate products.

Based on a comprehensive vision and a mission "THUSELCO" was established with a wider prospective, which has currently evolved beyond the limits of a conventional entrepreneur. Throughout the time from its' inception, "THULECO" has now groomed and mastered on the subject of producing coir substrate products, commended internationally. "THUSELCO" is an organization with a global vision, incepted upon clear principals and policies of its' own, enabling it to grow as a versatile manufacturer of goods and services of coir substrate products. Maintaining high standards and quality of the production process and products, as well as supply the quantity upon the required demand on time, have always been key focused objectives of " THUSELCO " from its' very inception.

Apart from the industrial vision, "THUSELCO", extends its' production activities with a national policy of "Serve the countryside to grow the country", has created many employment opportunities to a vast number of locals in and around the region. As well it has developed a strong network of suppliers and related service providers as a result of the manufacturing process.

The functions of "THUSELCO" has created a key chain connection among the society and families by which, many are directly and indirectly benefitted in diverse ways and means.

Our service includes not just producing quality coir based substrates to the market, we also extend our service by attending to you whenever you are stuck at any inconvenience in your greenhouse related to the growing medium. In this regard, we mark our presence in the market not as another vendor of grow-bags, but rather as a solution provider promising you a hassle-free experience in your greenhouse.

We carry on researches in our own greenhouse facilities within the company premises. The quality of the products is continually assessed and promoted by our Research and Development Unit teamed up with highly qualified and innovative professionals whose sole objective is to introduce quality products to the market.

**We carry on researches
in our own greenhouse
facilities**



Vision

Create a sustainable manufacture contribution and generate a strong production process with high quality, standards and quantity, involving novel cutting edge technology and methodology in the hands of standard human resource and knowhow. By which relevantly enables to cater the global market.

As well develop the local industry, to an international level that positively contributes financially and economically towards the development of the national productivity, livelihood and the social betterment.

Mission

Gather the best standardized and skilled human resources, manpower and management skills, along with concentrated knowhow and technology , empowered by cutting edge equipment and infrastructure , to generate a strong and a productive production process of high quality goods.

Expand the supply process to meet the demands of the International market, with commendable quality and standards, in order to gain the goodwill across the nation and beyond the seas , through positive means of an efficient and a productive production process.

Develop and enhance the livelihood , lives of the countryside and the nation through a productive industrial process , which contributes positively to the national economy. And reflectively establish and expand the industry of producing all products with a strong and sustainable market hold.

Develop a self sufficient and an independent raw material supply chain , through expanding the production entrepreneurship towards coconut cultivation , which enables to achieve the state of self dependency on providing of raw material , to execute an efficient and a further qualitative production process.

Guarantee to produce a unique range of products with " THUSELCO " standards and principals involving highly skilled professional expertise and cutting edge technology , enabling to present the market a premium quality product to suite any kind of weather condition that's capable of harvesting a maximum crop.

Coir substrates as a growing media

When the global trend towards organic farming is gaining ground, the requirement for eco-friendly growing media has been on rise. At this juncture, coir substrates top the list of natural growing media due to its distinctive qualities which assure a convenient livelihood for a variety of plants and gradually deliver flawless results.

The aeration power embedded in coir substrates ensures the proper growth of roots. It thereby facilitates the growth and development of roots and improves the general structure of the plants. This aeration capacity is further credited by the insulating characteristic of coir substrates which extend protection of the roots against excess humidity. As a result, the root structure of the plants is protected against the attacks of pests and fungi.

Coir substrates have the ability to improve the crops in a more sustainable way. The water retention quality of coir substrates together with aeration characteristics create the most fertile media for any plants to grow.



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Coir Substrates in Sri Lanka

Sri Lanka has been supplying coir substrates to the global market since 1860s. Owing to the inclusive qualities of coir substrates of the coconuts extracted from the trees grown in Sri Lankan soil, there is an escalating demand for Sri Lankan coir substrates. By 1960s, Sri Lanka was able to be a dominant supplier of coir based growing media in the global market of coir substrates. Sri Lanka succeeded in gaining the foothold in the international coir substrates market in consequence of the desirable horticultural properties that Sri Lankan coir substrates are impregnated with.

Thuselco Holdings

We, Thuselco are moving ahead with the latest technology and expertise setting a benchmark for the manufactures of coir based growing media. The material for the Thuselco products are being collected from the collecting centers established island wide, yet particularly avoiding the coastal areas, taking the higher sodium content of the soil into account.

We manufacture all our products based on the fact that every crop has a specific air fill porosity and water-holding capacity and thereby we have already introduced an array of products. We put every customer on top priority and that's why we consider the Geographical factors, Climate condition and the Root structure of the crop as we are introducing several options for the same product. We are adhered to the rigorous industry standards assuring the best outcome for our customers worth their investment.



Our Offerings



Grow Bags



Open-top Grow Bags



Grow Cubes



Grow Discs



Coir Bales



Coir Briquettes

Thuselco Grow Bags

Our grow bag is an excellent soilless media for the root structures to have a healthy growth. Our range of UV protected grow bags would keep the root structures of your plants unharmed from any kind of weather hazards. We introduce our grow bags mainly in two forms by way of slabs and open top bags, taking the size and the shape of the growing into consideration.

Our entire range has been highly supervised and tested in our own greenhouse under the observation of veteran agronomists whose recommendations have enabled us to manufacture a premium grade grow bag with unparalleled quality setting a benchmark to the contemporary coir based growing media in the market.

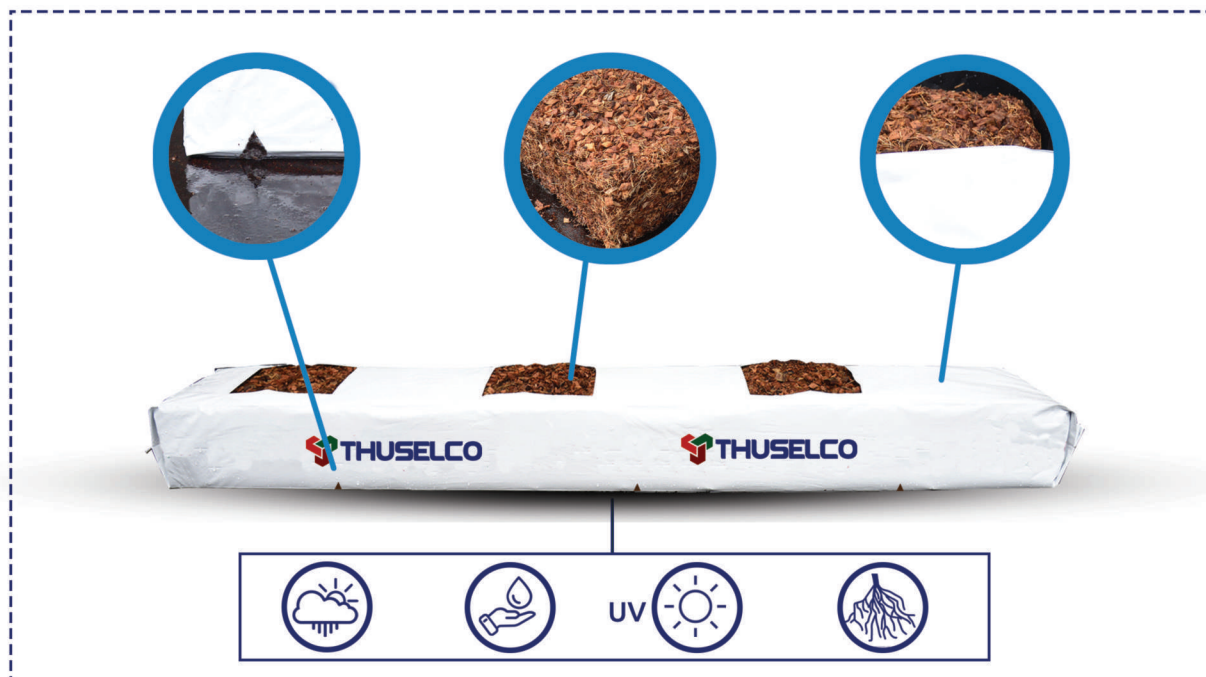
All our grow bags contain compressed coir substrates carefully wrapped in weatherproof and durable fabric with dripping holes

which effectively regulate good drainage and aeration creating a congenial base for the root structure to grow. In addition, the porous and granular structure of coir enhances the movement of water and dimensional stability inside the grow bag.

Every crop has a specific air fill porosity and water-holding capacity. Considering this horticultural fact, we are offering a range of grow bags containing different coir densities and compositions optimizing the best use of the grow bag.

We are offering our range of Thuselco Grow Bags as:

Coir - Platinum
Coir - Diamond
Coir - Gold
Coir - Silver
Coir - Bronze



Thuselco Grow Bags



PRODUCT DESCRIPTION

An eco-friendly 100% organic coir substrate as a sustainable soilless growing medium. Coco peat and Chips are blended in different ratios according to the required specifications. The compressed coir slab is enclosed in a UV protected polythene cover.

Thuselco growbag is particularly designed as a versatile product for wider circle of plants with multiple cut holes for growing more than a single plant.

USES

A versatile growing substrate for high-tech agriculture systems including closed environments, greenhouses, commercial nurseries and home gardens.

RECOMMENDED CROP TYPES

Tomato, Cucumber, Lemongrass, Bell Pepper, Egg Plant, Herbs and Vegetables, Strawberry, small fruits and Gerbera and Cut Flowers

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BENEFITS OF THUSELCO GROW BAGS

- Distinctively designed for healthy rootgrowth
- Reusable for several crop cycles for two years
- Top listed soilless medium in protected agriculture systems
- Ideal for different weather conditions
- Excellent water retention and air holding capacity
- Cost effective on water and fertilization
- Excellent control over water and aeration
- Anti-fungus, algae and pests

PREPARATION

Gently fill with clean water until you get the shape of the polythene bag when impregnation.



STANDARD PACKING STYLE

Size A - 100x15x10cm – 15Ltr Volume
Size B – 100x15x12cm – 18Ltr Volume
Size C – 100x18x10cm – 18Ltr Volume
Size D – 100x20x10cm – 20Ltr Volume

Available in customized sizes
Available condition – Low EC / Unwashed

TECHNICAL DATA

Dry weight	A 1.800Kg, B 2.200Kg, C 2.200Kg, D 2.400Kg
Moisture content	<18%
Water retaining capacity	4.8 ~ 5.2Ltr per Kg
Air holding capacity	30 ~ 36%
Electrical Conductivity	<0.500 Washed condition
PH Level	5.4 ~ 6.8
Shelf Life	06 months on good ventilation
Condition	Treated with free from weeds, dust, irregular chips fibre and foreign substances
Packing material	LDPE Inside black Outside White Printed bag with 02-year UV treated, 350g
Durability	02 years
Material content	Coco husk chips and Coir peat blended
Material Colour	Brown Coir
No of drain holes	As per requirements
No of plant cut holes	As per requirements

HANDLING

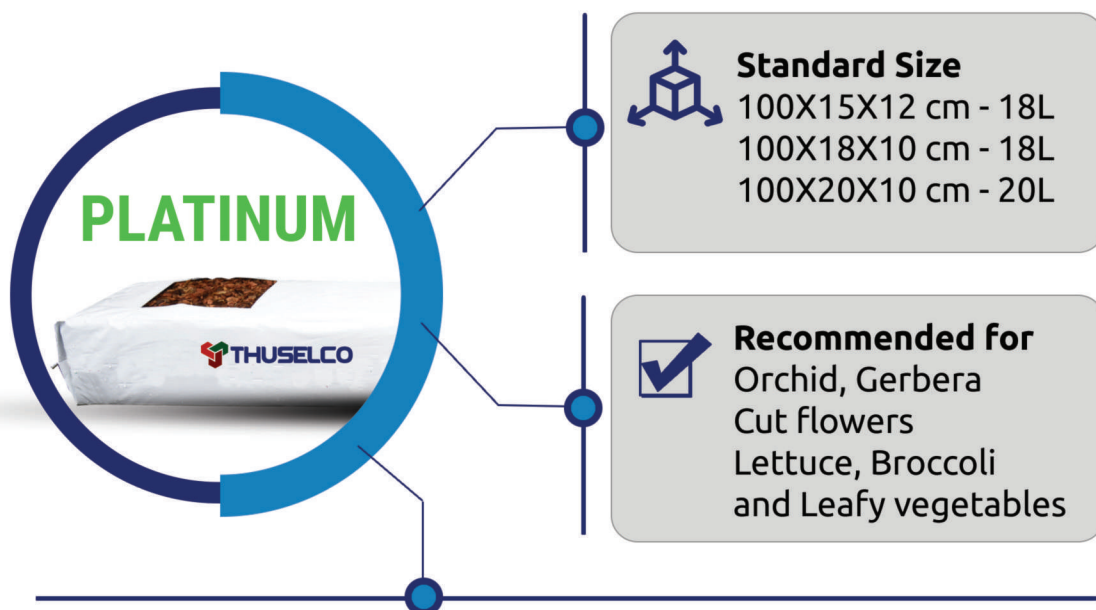
- Store materials in a well-ventilated and dry place, away from direct sunlight.
- Handle with care.
- Material content can be used as a bio fertilizer after usage and polythene pack for recycling purpose.

Note:

Above technical information and values are given to the best of our knowledge based on laboratory tests and practical experience. However, we are not held liable for any circumstances due to different usage or harsh weather conditions which are beyond our control. We reserve the rights to alter or modify above given data without prior notice. Therefore, the best advice is to contact us if you have any doubts or inquiries.

Coir - Platinum

Coir - Platinum blend is the growing media with thinner density of coir substrates. It has been designed to ensure an optimum root growth for the plants which require low water retention. The fine coir mixture thus reduces the spoiling of immature roots and helps root structures easily and evenly spread through the growing media. This well drained, moist coir content with neutral Ph level is particularly recommended for the flowers including Orchid, Gerbera, Cut-flowers and Lettuce, Broccoli and Leafy vegetables.



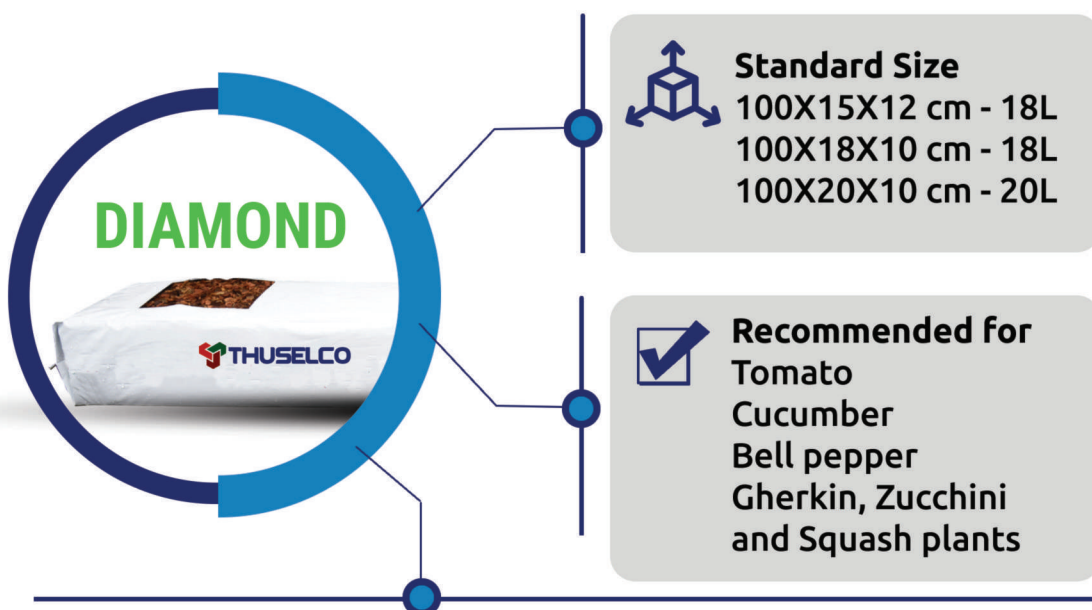
Specifications

- pH Level : 5.4 - 6.8 pH units
- Airholding capacity : 35 - 40%
- Water retaining capacity : 4.5 - 5.0 Ltr/Kg
- Treated : free from dust, irregular chips, weeds and foreign substances
- Cuts for plants and Drain holes : As per requirements
- Available condition : Washed / Unwashed
- Packing specs : UV Protected polythene pack



Coir - Diamond

Coir - Diamond is an ideal blend to be used as a moderate growing media. This blend is particularly designed for the plants which require an average humidity and higher air. There is sufficient water retention and air holding capacity which make this blend perfect and most popular for warm weather sensitive plants including Tomato, Bell Pepper, Zucchini and Squash plants.



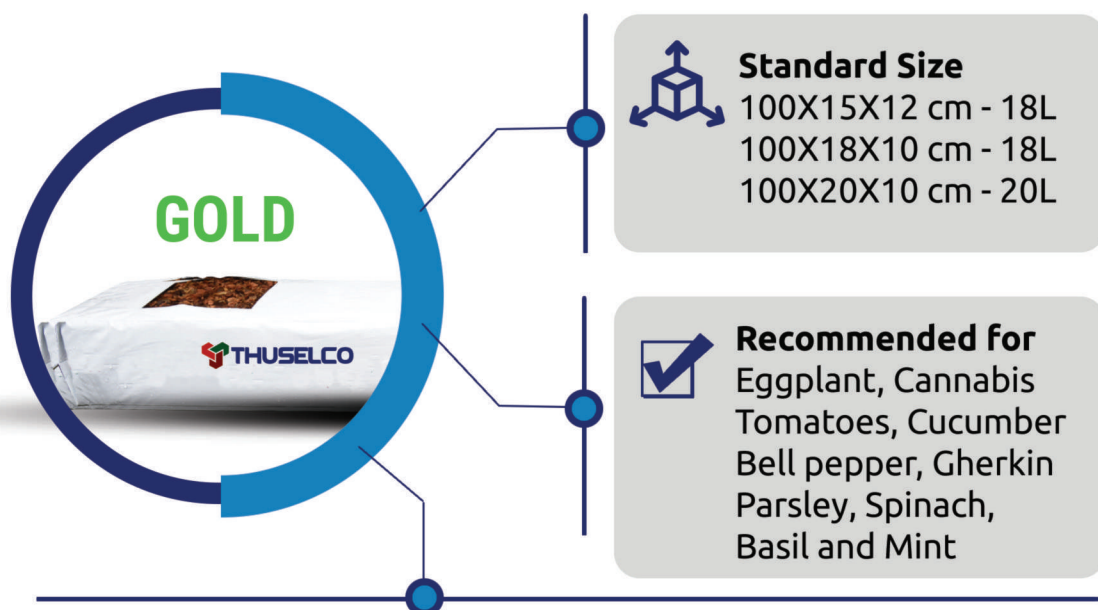
Specifications

- pH Level : 5.4 - 6.8 pH units
- Airholding capacity : 30 - 35%
- Water retaining capacity : 4.9 - 5.4 Ltr/Kg
- Treated : free from dust, irregular chips, weeds and foreign substances
- Cuts for plants and Drain holes : As per requirements
- Available condition : Washed / Unwashed
- Packing specs : UV Protected polythene pack



Coir - Gold

Coir - Gold is more recommended for the plants which require more water retention as well as air holding quality. This product is the most versatile blend in our range which could be used for a wider circle of plants. Coir - Gold has been best-selling among the Eggplant growers while it is also recommended for the plants such as Cannabis, Tomatoes, Bell pepper, Cucumber, Gherkin, Parsley, Spinach, Lavender, Basil and Mint.



Specifications

- pH Level : 5.4 - 6.8 pH units
- Airholding capacity : 28 - 33%
- Water retaining capacity : 5.3 - 5.8 Ltr/Kg
- Treated : free from dust, irregular chips, weeds and foreign substances
- Cuts for plants and Drain holes : As per requirements
- Available condition : Washed / Unwashed
- Packing specs : UV Protected polythene pack



Coir - Silver

Coir - Silver has been designed with high water retention capacity. This blend provides the necessary humidity for the growth of roots despite hot weather conditions. Therefore, this blend is highly recommended for the fruity plants grown in hot weather condition. Among the plants which would be highly compatible with the blend, Watermelon, Strawberry, Berries and other small fruits will top the list.



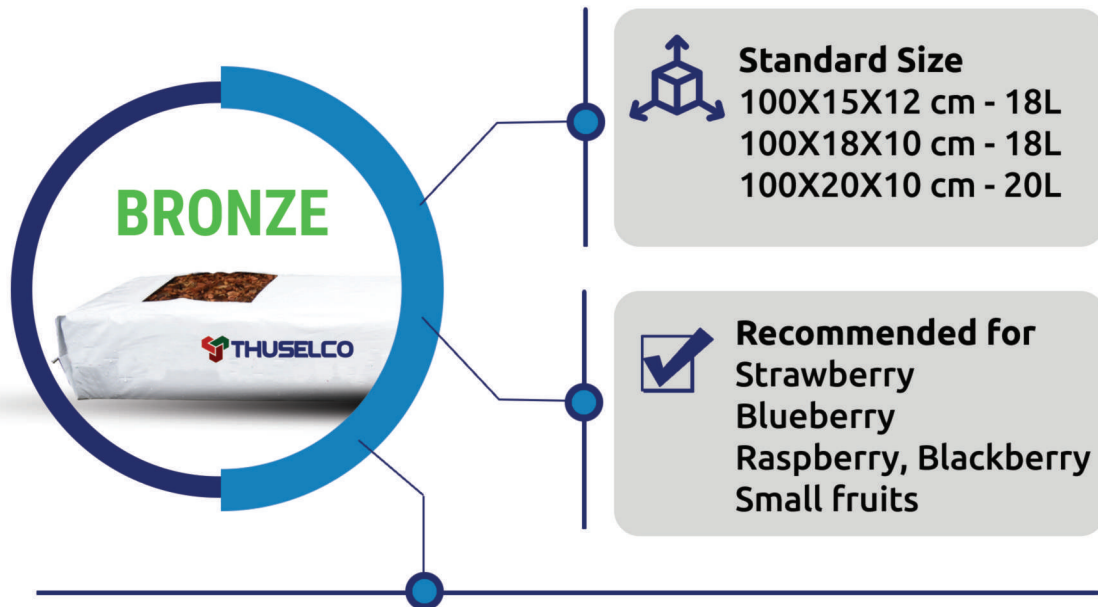
Specifications

- PH Level : 5.4 - 6.8 pH units
- Airholding capacity : 25 - 30%
- Water retaining capacity : 5.7 - 6.2 Ltr/Kg
- Treated : free from dust, irregular chips, weeds and foreign substances
- Cuts for plants and Drain holes : As per requirements
- Available condition : Washed / Unwashed
- Packing specs : UV Protected polythene pack



Coir - Bronze

Coir - Bronze is highly recommended for the plants with the highest water retention. This is the most productive coir based growing media for the plants grown in dry climate. Moreover, the robust density of Coir - Bronze has the solidarity to bear the plants with thick stems and trunks and this has won the confidence of the cultivators who grow fruits such as Berries and Small fruits.



Specifications

- pH Level : 5.4 - 6.8 pH units
- Airholding capacity : 28 - 33%
- Water retaining capacity : 7.0 - 7.5 Ltr/Kg
- Treated : free from dust, irregular chips, weeds and foreign substances
- Cuts for plants and Drain holes : As per requirements
- Available condition : Washed / Unwashed
- Packing specs : UV Protected polythene pack



Thuselco Open-Top Grow Bags



PRODUCT DESCRIPTION

An eco-friendly 100% organic coir substrate as a sustainable soilless growing medium. Coco peat and Chips are blended in different ratios according to the required specifications. The compressed coir slab is enclosed in a top opened UV protected polythene cover.

Thuselco Open Top Growbag has been designed as a single plant growing medium particularly for tall plants with deeper root and bushy type of plants which gain more scope when growing.

USES

A versatile growing substrate for high-tech agriculture systems including closed environments, greenhouses, commercial nurseries and home gardens.

RECOMMENDED CROP TYPES

Tomato, Cucumber, Lemongrass, Bell Pepper, Egg Plant, Herbs and Vegetables

BENEFITS OF THUSELCO OPEN-TOP GROW BAGS

- Distinctively designed for healthy root growth
- Reusable for several crop cycles for two years
- Top listed soilless medium in protected agriculture systems
- Ideal for different weather conditions
- Excellent water retention and air holding capacity
- Cost effective on water and fertilization
- Excellent control over water and aeration
- Anti-fungus, algae and pests

PREPARATION

Gently fill with clean water until you get the shape of the polythene bag when impregnation.



STANDARD PACKING STYLE

Size A - 15x15x23cm – 5.18 Ltr Volume
Size B – 18x18x23cm – 7.45 Ltr Volume
Size C – 20x20x25cm – 10 Ltr Volume

Available in customized sizes
Available condition – Low EC / Unwashed

TECHNICAL DATA

Dry weight	A 0.630Kg, B 0.910Kg, C 1.220Kg
Moisture content	<18%
Water retaining capacity	4.8 ~ 5.2Ltr per Kg
Air holding capacity	30 ~ 36%
Electrical Conductivity	<0.500 Washed condition
PH Level	5.4 ~ 6.8
Shelf Life	06 months on good ventilation
Condition	Treated with free from weeds, dust, irregular chips fibre and foreign substances
Packing material	LDPE Inside black Outside White Printed bag with 02-year UV treated, 350g
Durability	02 years
Material content	Coco husk chips and Coir peat blended
Material Colour	Brown Coir
No of drain holes	As per requirements

HANDLING

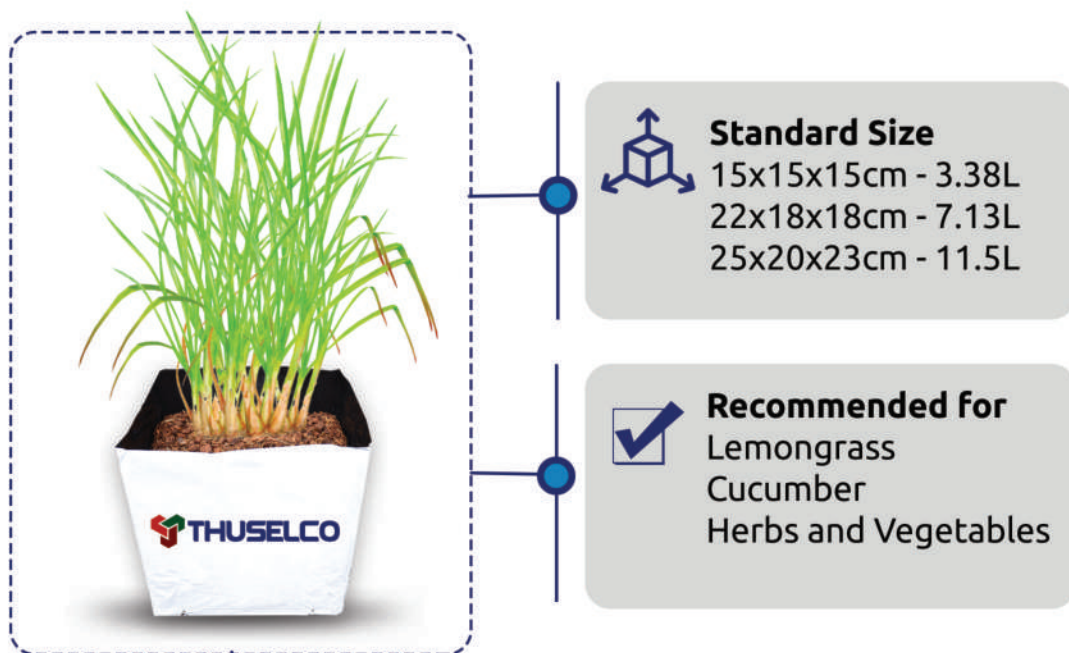
- Store materials in a well-ventilated and dry place, away from direct sunlight.
- Handle with care.
- Material content can be used as a bio fertilizer after usage and polythene pack for recycling purpose.

Note:

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Thuselco Diamond Open-top Grow Bag

Thuselco Diamond Open Top Growbag has been ideally designed for the plants with tap roots and fibrous root systems which require an adequate space for the growth of plants. The main characteristic of the Diamond blend is its capacity in retaining water. Therefore, Thuselco Diamond Open Top Bag is particularly designed for the tall plants with deeper roots and bushy type plants which gain more scope when growing. The usage of Thuselco Diamond open top bag has indicated proven results for Lemongrass, Cucumber, Herbs and Vegetables.



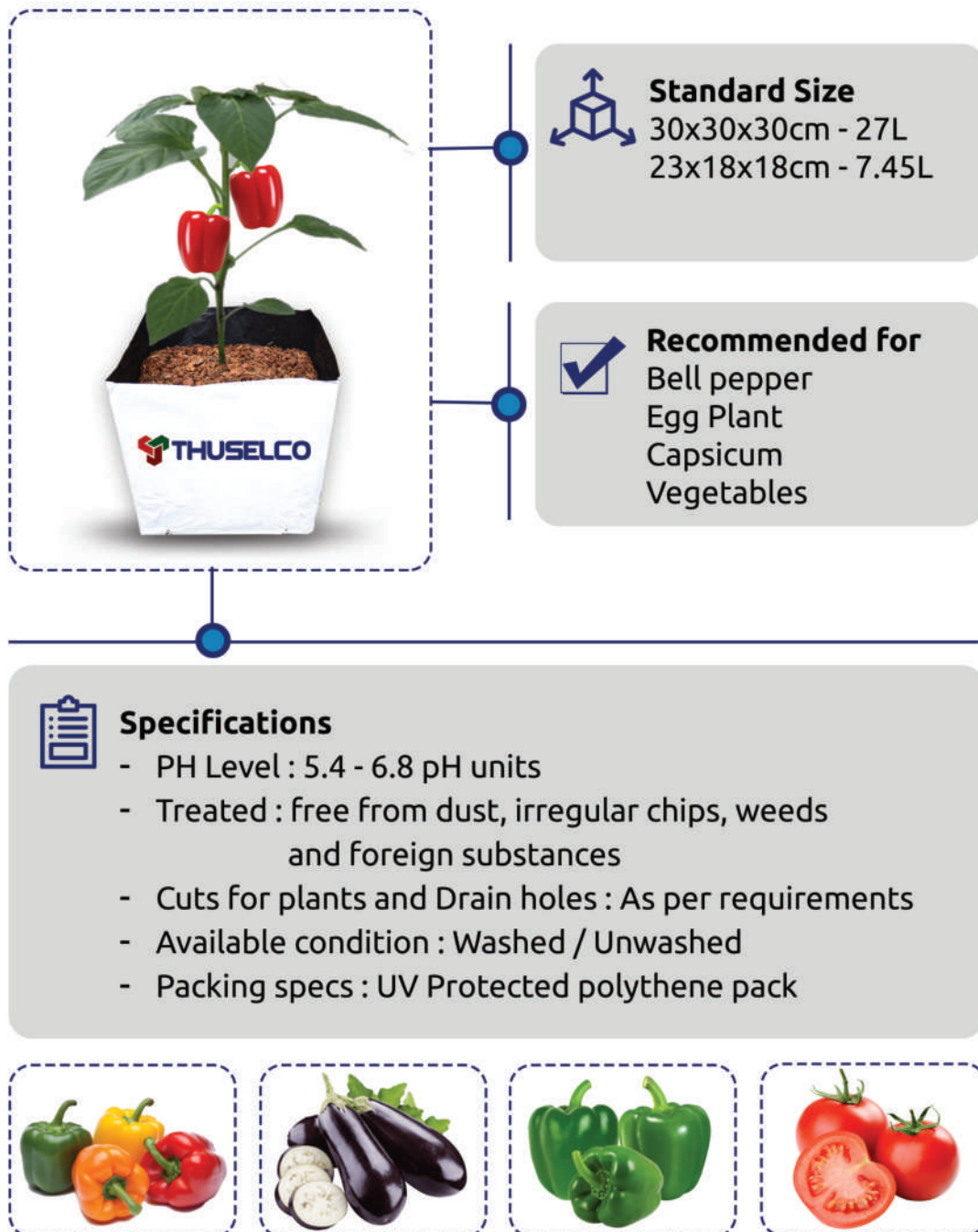
Specifications

- PH Level : 5.4 - 6.8 pH units
- Treated : free from dust, irregular chips, weeds and foreign substances
- Cuts for plants and Drain holes : As per requirements
- Available condition : Washed / Unwashed
- Packing specs : UV Protected polythene pack



Thuselco Gold Open-top Grow Bag

Thuselco Gold Open Top Growbag with Thuselco Gold Blend can be used for a variety of plants with thicker roots. The aeration and water retention of the blend have been well managed with the strategic implication of the ratio between coir peat and chips. As a result of this distinctive quality, Thuselco Gold open top bag is trusted and used as a versatile product by the growers of diverse plants including mix vegetables, fruits and herbs which require higher space for root development. Thuselco Gold Open Top bag is highly recommended for both greenhouses and domestic cultivations where the crops can be individually planted.



Thuselco Bronze Open-top Growbag

Thuselco Bronze Open Top Bag is more demanded by the growers of fruits such as Strawberry and Watermelon. This is assured to be well optimized with the plants with primary and sharp sub root systems. This is the Thuselco growing media with the highest water holding capacity, yet it drains out excessive water through the cut holes leaving the irrigation process for the plants at convenience.



Standard Size

30x30x30cm - 27L

23x18x18cm - 7.45L



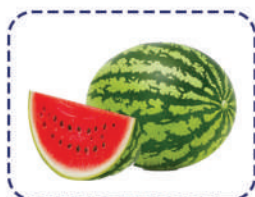
Recommended for

Watermelon
Strawberry
Fruits



Specifications

- PH Level : 5.4 - 6.8 pH units
- Treated : free from dust, irregular chips, weeds and foreign substances
- Cuts for plants and Drain holes : As per requirements
- Available condition : Washed / Unwashed
- Packing specs : UV Protected polythene pack



Thuselco Grow Cubes



PRODUCT DESCRIPTION

An eco-friendly 100% organic coir substrate as a sustainable soilless growing medium. Grow cube is made with 100% coco peat and drilled a hole in the centre for placing a plant. The compressed grow cube is enclosed in a UV protected polythene cover.

Thuselco Grow cube has been professionally designed as a fertile medium for transplantation of mature plants.

USES

Grow cubes are ideally processed for the germination of small plants and transplantation of mature plants.

Grow cube can be directly placed on the growing medium like growbag, open-top growbag or soil media. This is an ideal product to be used in greenhouses and plant nurseries.

RECOMMENDED CROP TYPES

Wider circle of Vegetables, Fruits, Flowers and Herbs particularly including Tomato, Eggplant, Pepper, Cucumber, Strawberries, Gerbera, Orchid, Sunflower.

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BENEFITS OF THUSELCO GROW CUBES

- Transplantation of mature plants without damages on immature root system.
- Minimize the rejection amount of immature plants.
- 100% organic, renewable resource
- Ideal for different weather conditions
- Excellent water retention and air holding capacity
- Cost effective on water and fertilization
- Excellent control over water and aeration
- Anti-fungus, algae and pests

PREPARATION

Gently fill with clean water until you get the shape of the polythene bag when impregnation.



STANDARD PACKING STYLE

Size A – 10x10x07cm – 0.7Ltr Volume
Size B – 15x10x07cm – 1.05Ltr Volume
Size C – 20x10x07cm – 1.4Ltr Volume
Size D – 20x10x09cm – 1.8Ltr Volume

Available in washed condition

TECHNICAL DATA

Dry weight	A 80g, B 120g, C 160g, D 180g
Moisture content	<18%
Water retaining capacity	7.0 ~ 7.5Ltr per Kg
Air holding capacity	28 ~ 33%
Electrical Conductivity	<0.500 Washed condition
PH Level	5.4 ~ 6.8
Shelf Life	06 months on good ventilation
Condition	Treated with free from weeds, dust, fibre and foreign substances
Packing material	LDPE Inside black Outside White Printed bag with 02-year UV treated, 350g
Durability	02 years
Material content	100% Coco Coir peat
Material Colour	Brown Coir
No of drain holes	As per requirements

HANDLING

- Store materials in a well-ventilated and dry place, away from direct sunlight.
- Handle with care.
- Material content can be used as a bio fertilizer after usage and polythene pack for recycling purpose.

Note:

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Thuselco Grow Discs



PRODUCT DESCRIPTION

Thuselco Grow Disc is ideally designed for the seed germination & sapling, particularly in flower nurseries. It is the most sought-after product by the growers who maintain commercial nurseries because the grow disc provides customers the convenience of saving labour in pot filling as it takes the shape of the pot once drenched with water.

USES

Grow Disc can be used both in commercial nurseries and home gardens as a flower growing medium as well as in seed germination & sapling stages.

Once dripped with water, it expands and fits to the pot shape. Thuselco Grow disc is popular among follower growers.

RECOMMENDED CROP TYPES

Ideal for seed raising and growing of a wide variety of flowers such as orchid, gerbera, sunflower and vegetables & fruits

BENEFITS OF THUSELCO GROW DISCS

- Excellent substrate for growing flowers
- 100% organic, renewable resource
- Ideal for different weather conditions
- Excellent water retention and air holding capacity
- Cost effective on water and fertilization
- Excellent control over water and aeration
- Anti-fungus, algae and pests

PREPARATION

Grow disc should be put in a suitable pot size and drip with clean water until you get the shape of the pot when impregnation



STANDARD PACKING STYLE

Available in different sizes of diameter and liter capacity as per the requirement.

Diameter: 6cm, 12 cm, 15cm

Available condition – Low EC

TECHNICAL DATA

Dry weight	16cm diameter - 120g 12cm diameter - 240g 15cm diameter - 300g
Moisture content	<18%
Water retaining capacity	7.0 ~ 7.5Ltr per Kg
Air holding capacity	28 ~ 33%
Electrical Conductivity	<0.500 Washed condition
PH Level	5.4 ~ 6.8
Shelf Life	06 months on good ventilation
Condition	Treated with free from weeds, dust, fibre and foreign substances
Packing material	No packing Multiple quantities deliver in Boxes
Durability	02 years
Material content	100% Coco Coir peat
Material Colour	Brown Coir

HANDLING

- Store materials in a well-ventilated and dry place, away from direct sunlight.
- Handle with care.
- Material content can be used as a bio fertilizer after usage and polythene pack for recycling

Note:

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Research and Development

We, Thuselco Holdings are committed to promoting the quality of our products in line with the latest trends and requirements of the agronomists in the field. Therefore, we have built up a mock up greenhouse within our own company premises to carry out research and experiments with regard to the quality development of our products.

We need to first impress ourselves with the convenience and the best quality of our products. Therefore, we have a team of experts in our Research and Development Team constantly working for improving the overall quality and exclusivity of our products.

The experiments are carried out in our own mock up greenhouse and thereby, we are able to retain the exceptional quality of our products based on our own findings and observations. We have paid a keen attention to the different root structures and the properties that they require for a healthy growth.

Therefore, we are confident in the fact that Thuselco has made a benchmark for the contemporary products in the market. Our expertise is the key to our professionalism and we, Thuselco go from strength to strength owing to this unparalleled proficiency and utmost care in producing the premium quality coir substrates to the global market.



THUSELCO CONTACT INFORMATION

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