

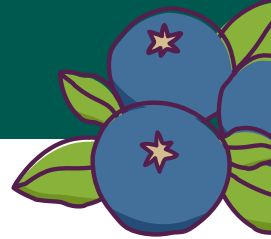


Sustainable Horticulture & Hydroponic Solutions

25 years of service to the global horticulture industry



Coir substrate solutions engineered for specific crops and climatic conditions



Galuku's HiTech Hydro Substrates

The Air Filled Porosity (AFP) and Water Holding Capacity (WHC) in Galuku substrates are engineered for all types of crop varieties in different climatic and geographic locations. The correct combination of AFP and WHC is important for successful plant growth. Galuku blends are formulated to stabilize the substrate for periods spanning 2 - 5yrs. Steering the irrigation is now even more controllable by growers with the higher AFP blends.

Galuku HiTech-Hydro substrates are available in AirUltra, AirMax and AirAqua – a variety of air/water combinations that allow each grower to control the water content on a daily or seasonal basis.

	AFP (% v/v) Air Filled Porosity	WHC (% v/v) Water Holding Capacity	WRE (%) Water Retention Efficiency	CUV (mL/10mins) Capillary Uptake Value
AirUltra	45%	45%	45%	25
AirMax	40%	55%	40%	30
AirAqua	30%	60%	50%	45

Air-Filled Porosity (AFP)

The volume of air held in a mix after it has been thoroughly wet and drained is called the AFP.

Water Holding Capacity (WHC)

The volume of water held by a mix after it has been wet and then fully drained is called the WHC.

Water Retention Efficiency (WRE)

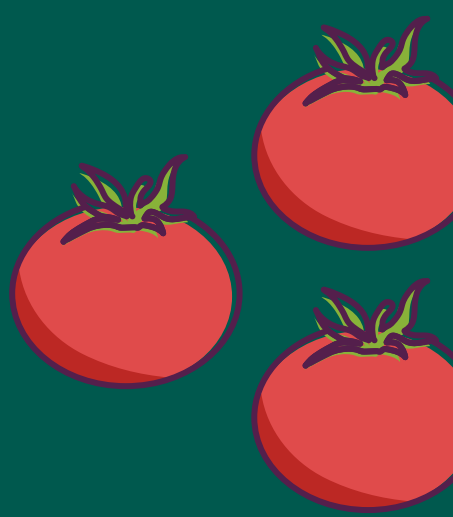
The measure of the ability of a mix to retain irrigation water that has been applied.

Capillary Uptake Value (CUV)

This is a measure of the wicking ability of a mix.

Unbeatable Tomato Growing Results

Improve the quality, flavour and yield of your tomato harvest with the help of Galuku and its solutions.



Converting to growing hydroponically in coir brings a whole new world to tomato growers. An evolution in excellence, growing in our Air Max and Air Aqua blends can move your yields from 7kg/m² to 70kg/m². Let us help you expertly transition your tomato farms to the latest growing methods. Our research and development is here to benefit you.

Features

- ✓ Galuku coir GrowBags provide the precise rootzone environment to achieve substantial increases in yield.
- ✓ Through dedicated crop steering and precise growth targets, you can expect exceptional harvests.
- ✓ Producers are also able to realise further dividends through an increased return and improved market positioning.
- ✓ Galuku coir is an eco-friendly choice with a significant reduction in farm waste over rockwool.
- ✓ In modern greenhouses, the production can exceed 70kg/m², which is 10 times more than soil farming.



Key Products for Tomato Farming



Galuku Hydroponic GrowBags



Easyfil Growing System



Coir Blocks



Drainage Pads

Profitable Quality Cucumber Farming

Achieving a well-balanced crop and reaping the rewards at harvest time is easy when growing in Galuku coir.

Struggling with a cucumber crop that is sad and wilted, producing odd, misshapen fruit or lack lustre yields? A tailored Galuku coir solution can help. Join market leaders and choose Galuku substrate solutions to help lift yield and cucumber quality of your hydroponic cucumber crop. Our experience and expertise is here to support you.

Features

- ✓ Galuku's multiple-use, Easyfil substrate system provides a cost-effective solution to maximise growth potential.
- ✓ Cucumbers can be easily transplanted as plugs, or seeded directly into the coir.
- ✓ In Galuku coir be set apart from competitors, experience an impressive five weeks to harvest during parts of the year.
- ✓ Grow quality Continental, Lebanese and cocktail varieties in Galuku substrate.
- ✓ Get the perfect coir blends to suit your site-specific requirements.



Key Products for Cucumber Farming



Galuku Hydroponic
GrowBags



Easyfil Growing
System



Coco-peat Bricks



Drainage Pads

Grow Hydroponic Bell Peppers & Capsicums

Achieve outstanding results using Galuku coir and set yourself apart as a market leader in bell peppers (capsicums), chilli and paprika.

For the production of high-quality Bell Peppers, grow in Galuku coir and bags. Feeling the cost and revenue pressure? Unhappy with produce pricing? Experiencing static yields? We can help you transition your bell pepper farms to the latest growing methods and achieve outstanding results.

Features

- ✓ Achieve high yields (18–30kg) and experience improved fruit quality when transitioning to Galuku coir substrate products.
- ✓ Experience a better root environment and improved nutrient uptake in your crop
- ✓ Grow better fruit, including thicker walls, juicier and sweeter taste, and experience a notable difference in unit weight.
- ✓ Galuku coir substrate GrowBags promote consistent growth and high production yields for Bell Peppers, Paprika, Capsicums and Chillies.



Key Products for Bell Pepper Farming



Galuku Hydroponic
GrowBags



Easyfil Growing
System



Drainage Pads

Exceptional Ginger Growing Results

Implement soilless ginger cultivation with Galuku coir and experience significant improvements in quality and yield.

With over 7 years research and development of leading solutions in soilless ginger farming, Galuku is your ideal partner to transition from in-ground ginger growing to coir substrate. Stop soil disease from ruining your crop and infecting your seed. Growing ginger and turmeric hydroponically can improve the essential oil content, increase fibre, and intensify potency, flavour and aroma.

Features

- ✓ Protect your crop from root disease and pests with Galuku coir
- ✓ Growing in coir provides a sterile, anti-pathogenic, aerobic rootzone with a precise Water Holding Capacity (WHC), Air-Filled Porosity (AFP) to provide optimal rootzone conditions.
- ✓ Expand your yield potential as rhizomes are free to expand unheeded
- ✓ Produce your own disease-free “seed” pieces for use on your farm or sell to other ginger growers



Key Products for Ginger Farming



**Ginger Easyfil
PlanterBag**



Drainage Pads

Commercial Cannabis Farming

Refine your growing techniques and increase the production and potency of medical marijuana in Galuku coir substrate.

Thousands of commercial growers worldwide are using Galuku substrates to produce quality cannabis crops. When utilising our coir substrate systems, growers can expect excellent quality, high yields and extended harvest periods. Let us expertly help you transition your cannabis farm to the latest growing methods.

Features

- ✓ Grow cannabis of excellent quality
- ✓ Experience high yields and extended harvest periods
- ✓ Increase the production of essential cannabinoids
- ✓ Use ready-to-go CocoEarth or get specialised coir for your farm



Key Products for Cannabis Farming



Galuku Hydroponic GrowBags



Easyfil Growing System



Coir Propagation Cubes



Coir Fibre Weed Mats

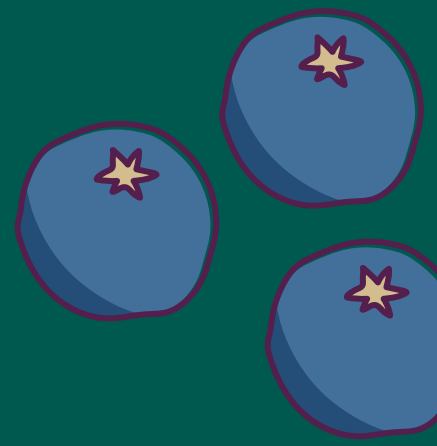


Drainage Pads



Coir Blocks

Revolutionising Blueberry Farming



Utilise Galuku's patented Easyfil PlanterBag growing system to revolutionise your blueberry farm and experience better yields.

Continually ground-soil conditions become harder to predict, and changes in industry standards for pesticides pose an ongoing challenge for in-ground blueberries. Transitioning to the latest above-ground growing methods will not only mitigate these challenges, but will help produce higher yields and create an efficient environment.

Features

- ✓ The use of Galuku's patented Easyfil PlanterBags, combined with modern genetics, can result in average yields as high as 3kg per bush in the first year. This can deliver an immediate cash-flow benefit over field-grown crops.
- ✓ The subsequent year's production can expect to be significantly better than soil-grown counterparts, by promoting bushes of outstanding quality, with strong, uniform plant development.
- ✓ Galuku's hydroponic systems can put an end to inconsistent growth, delays in achieving dense fruiting cycles and high labour costs at harvest.



Key Products for Blueberry Farming



Easyfil Growing System



Coir Fibre Weed Mats



Square or Round Pots



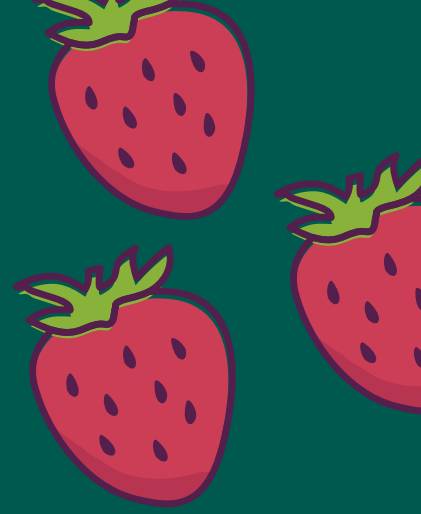
Blueberry Pot Filler Substrate



Drainage Pads

Advanced Strawberry Growing

Experience a more productive strawberry crop when you move to advanced, above-ground growing techniques.



Let Galuku help you transition your strawberry farming from the soil to efficient above-ground systems. By opting for above-ground planting in coir-substrate, you'll produce higher-quality fruit, make the best use of space available and create a more efficient work environment putting you back in control of your farm.

Features

- ✓ Significantly reduced disease risk.
- ✓ Improved quality and flavour.
- ✓ Save on labour costs with easy, waist-high planting, husbandry and picking.
- ✓ Less spoilage.
- ✓ Increase yields per plant and per unit area.



Key Products for Strawberry Farming



Strawberry GrowBags



Strawberry Pots



Strawberry Blocks & Planks



Plantlogic Hi-Grow Tabletop System

Transforming Raspberry Farming

Make the most of modern genetics by growing raspberries in Galuku coir systems, take control of the future of your farm.

Don't be stuck with inconsistent growth, delays in achieving dense fruiting cycles and struggling high labour costs at harvest. Using Galuku coir substrate in high tunnels can help streamline your crop through all stages of its growth, and take control of the future of your raspberry farm. Let us expertly guide you to transition your raspberry farm to the latest growing methods.

Features

- ✓ Streamline your crop through all stages of its growth.
- ✓ Put an end to inconsistent growth, delays in achieving dense fruiting cycles, and high labour costs at harvest.
- ✓ Improve yield and fruit quality with superior rootzone management.
- ✓ Improve productivity further with the introduction of long cane cultivation in coir substrate.



Key Products for Raspberry Farming



Easyfil Raspberry Bag



Square Pots



Raspberry Pot Filler Substrate



Drainage Pads

Revolutionising Blackberry Farming

By combining the latest in blackberry genetics with Galuku coir substrate, you can soon realise your farm's potential.

Transition your blackberry farming from the soil to more efficient above-ground systems, better yields and modern harvesting techniques. Is your soil not suitable for cultivating blackberries? Tired of trying to control rogue roots and runners? Struggling to tame vegetative vigour? It's time to switch to Galuku coir and put these issues behind you.

Features

- ✓ Choose from an extensive range of high-quality, coir substrates, engineered to provide optimal rootzone conditions for blackberry cultivation providing improved yield and fruit quality.
- ✓ Put an end to inconsistent growth, delays in achieving dense fruiting cycles and high labour costs at harvest.
- ✓ Get solutions to assist with aerial pruning of roots and runners to provide balanced growth.
- ✓ Use Galuku coir substrate to help streamline your crop through all stages of its growth.



Key Products for Blackberry Farming



Easyfil Big Berry Bag



Coir Fibre Weed Mats



Square or Round Pots



Blueberry Pot Filler Substrate



Drainage Pads

Easyfil PlanterBag Growing System

The Easyfil Growing System features our patented Easyfil Planterbag which saves money by reducing labor costs – serving as both the growing media and growing container in one product. It provides for multiple crop cycles by eliminating the need to replace growing media after every crop (as you would need to with wood-shavings substrates).

- ✓ Reduce the risk of contamination
- ✓ Improve crop yields
- ✓ Save water

Commonly used for:

- | | |
|---|---|
|  Tomatoes |  Blackberries |
|  Cucumbers |  Blueberries |
|  Peppers |  Cannabis |
|  Aubergines |  Ginger |
|  Raspberries | |



Available Options



8L Easyfil PlanterBag



10L Easyfil PlanterBag



Big Berry Bag



27L Ginger PlanterBag

Hydroponic GrowBag Substrates

Formulated for specific greenhouse and climatic conditions, control water content efficiently on a daily or seasonal basis with Galuku Growbags. Proven and reliable, our Growbags are trusted by growers around the world. With pre-cut drainage and planting holes, and pre-drill dripper holes according to your requirements, planting and steering your crop is made easier.

- ✓ Control water efficiently
- ✓ Formulated for your crop success
- ✓ Customisable for your farm needs

Commonly used for:

- | | |
|---|--|
|  Tomatoes |  Aubergines |
|  Cucumbers |  Strawberries |
|  Peppers |  Cannabis |



Available Formulations

	AFP (% v/v) Air Filled Porosity	WHC (% v/v) Water Holding Capacity	WRE (%) Water Retention Efficiency	CUV (mL/10mins) Capillary Uptake Value
AirUltra	45%	45%	45%	25
AirMax	40%	55%	40%	30
AirAqua	30%	60%	50%	45

Coconut Fibre **Weed Mats**

Eliminate weeding costs for good and prevent wind-borne seeds from establishing, while providing better growing conditions for your crops. Galuku Coconut Fibre Weed Mats harness the strength and absorbency of coconut fibre to create an eco-friendly solution to weed management for berry, shrub, vine and tree crops.

- ✓ Prevent wind-borne seeds from establishing
- ✓ Reduce hand weeding and damage from mechanical weeding
- ✓ Reduce evaporation, minimising water and fertiliser loss

Commonly used for:

-  Blueberries
-  Cannabis
-  Avocado
-  Trees, Vines & Shrubs



Available Sizes

Weed Mats are available in square and round sizes to suit the most common cultivation containers. The most popular sizes:

310mm Round	GCP 18L Round Pot
365mm Round	Easyfil Berry Bag/Plantlogic 25L/GCP 27L Round Pots
430mm Round	SanSan 40L Round Pot
330mm Square	PlantLogic 25L Sq. Pot
340mm Square	SanSan 27L Square Pot
363mm Square	PlantLogic 30L Square Pot
1000mm Square	Avocado Tree Matting

Plantlogic Pots

Innovative pots designed with the collaboration of horticultural experts, experienced growers and industrial designers. Plantlogic pots have a smart drainage system and high-standing legs. In large commercial farms, these pots have proven to work exceedingly well for raspberry, blueberry and blackberry production. Galuku is the national distributor of Plantlogic pots in Australia.

- ✓ Improve crop drainage and water usage on your farm
- ✓ High-standing legs for balanced irrigation
- ✓ Long-lasting for multiple crop seasons

Commonly used for:

- | | |
|--|--|
|  Raspberries |  Cannabis |
|  Blackberries |  Strawberries |
|  Blueberries | |



Available Options



Round Pots



Square Pots



Drainage Collection



Custom Solutions

Plantlogic **Hi-Grow** **Strawberry System**

Created with input from growers, the Hi-Grow Tabletop System includes clever functionality to improve workflow efficiencies while enhancing crop performance.

Affordable without compromise, the system is engineered to be accessible to growers everywhere. The design minimises steel components without compromising stability. The Hi-Grow also helps you achieve tighter EC control with improved 24 hour coir moisture management and drainage.

- ✓ Trellis framework designed to support either growbags or pots presenting a modular build
- ✓ Ability to interplant by establishing the crop in pots in an on-farm nursery prior to positioning in the production area.
- ✓ Eliminate the need for installing drip, tube and stake assemblies reducing the labour costs associated with dripper placement at planting and end of crop.

Commonly used for:



Strawberries



Available Options



9L Pot Version



Bag Base Version

Galuku Drainage Pads

Help your crops thrive with improved drainage and airflow by using drainage pads with Easyfil bags or pots. Designed to work with Galuku Easyfils and other plastic pots, our drainage pads allow runoff water to drain freely and create a barrier that thwarts the proliferation of weeds. Made from heavy duty plastic material, these pads are durable enough to last more than 10 years.

- ✓ Improve crop drainage and airflow
- ✓ Stop the proliferation of weeds
- ✓ Maintain excellent crop conditions over many years

Commonly used for:

- | | |
|---|--|
|  Tomatoes |  Blackberries |
|  Cucumbers |  Blueberries |
|  Peppers |  Cannabis |
|  Aubergines |  Ginger |
|  Raspberries | |



Available Options

- ✓ Small (24cm x 18cm) to suit Easyfil PlanterBags
- ✓ Large (30cm x 30cm) to suit Blueberry Easyfil PlanterBags and pots

CocoEarth Organic Growing Medium

CocoEarth is ready-to-go coir substrate that ensures the perfect combination of moisture, nutrient and air allowing plants and crops to flourish. Suitable for a variety of above-ground growing systems, CocoEarth helps your crop thrive with improved health and optimal conditions. Lightweight and consistent, Cocoeath is ideal for Green walls, Roof Top Gardens and Hydroponics.

- ✓ Maximise plant growth and health
- ✓ Consistent in quality and properties over time
- ✓ Reduce the incidence of root disease

Commonly used for:

- | | |
|--|--|
|  Tomatoes |  Raspberries |
|  Cucumbers |  Blackberries |
|  Peppers |  Blueberries |
|  Aubergines |  Cannabis |



Coir Blocks, Bricks & Bales

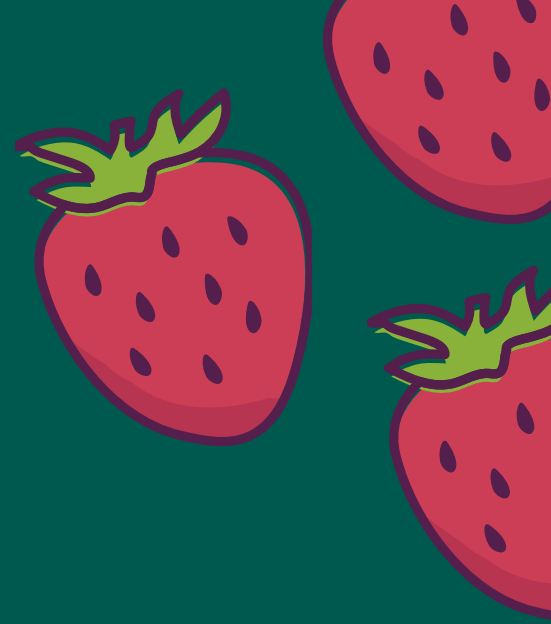
Improve your plant growth with Galuku compressed coco peat substrate media. Our coir blocks, bricks and bales are 100% organic, free from chemical additives and soil disease. Plus Galuku substrates are engineered for all types of crop varieties and climates, with the best Air Filled Porosity (AFP) and Water Holding Capacity (WHC) for successful growth.

- ✓ Available in a variety of shapes and sizes including blocks, bricks, bales, planks and seedling blocks
- ✓ Formulated to stabilize the substrate for periods spanning 2 – 5yrs
- ✓ Suitable for growing in various containers including pots, bags or boxes

Commonly used for:

- | | |
|---|--|
|  Tomatoes |  Blackberries |
|  Cucumbers |  Blueberries |
|  Peppers |  Herbs |
|  Aubergines |  Flowers |
|  Raspberries |  Micro-Greens |





Partner with Galuku for the future of your farm

Contact us for more information including a personalised quote for you.

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