

Spirit of
new thinking

COCCOLIFE

SUBSTRATES SOLUTION

Akqgroup Company Product Catalog
Cocolife Brand Products

AKQROUP
SPIRIT OF NEW THINKING

www.akqgroup.com

Why - COCO LIFE

SUBSTRATES SOLUTION

Coconut fiber, derived from the outer layer of coconuts grown on Sri Lankan plantations, is among the finest in the world due to optimal agricultural conditions. Sri Lanka's strategic geographic location provides unique soil and climatic conditions ideal for producing coconut fiber. Its high air permeability and ability to absorb and retain water distinguish Sri Lankan coconut fiber from other coconut substrate producers.



Why - **COCOLIFE** SUBSTRATES SOLUTION

The high air permeability of Cocolife coconut substrate ensures consistent airflow to plant root systems, reducing the risk of diseases and promoting higher yields. The substrate excels at retaining water and nutrients, allowing plant roots to absorb only what is needed. Cocolife's rapid drainage enables less frequent and shorter watering periods without losing essential nutrients for growth. This quick drainage also prevents water stagnation around roots, reducing the risk of root rot. Cocolife substrate rapidly absorbs water from a dry state, preventing water runoff from the surface.



Why -



It naturally resists pests, diseases, algae, and fungi, keeping the substrate's surface dry. The optimal pH level of Cocolife substrate (5.7–6.7) allows plants to absorb nutrients more effectively than other substrates. Nutrients with a pH above 7 degrade naturally, while those below 5.7 are not absorbed by plant roots. Cocolife's balanced pH promotes healthier plants with stronger roots compared to those grown in soil or other substrates.

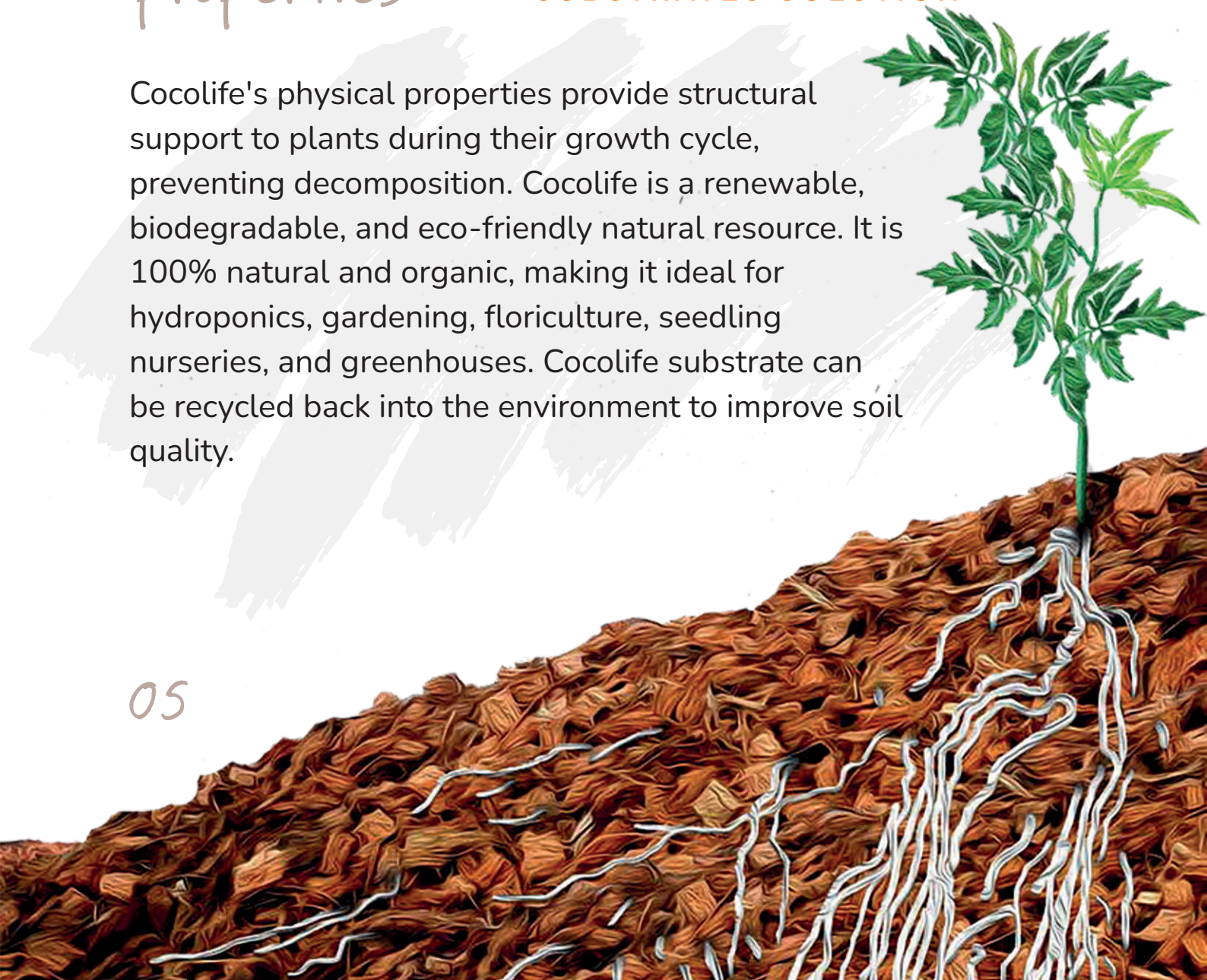


Physical properties



Cocolife's physical properties provide structural support to plants during their growth cycle, preventing decomposition. Cocolife is a renewable, biodegradable, and eco-friendly natural resource. It is 100% natural and organic, making it ideal for hydroponics, gardening, floriculture, seedling nurseries, and greenhouses. Cocolife substrate can be recycled back into the environment to improve soil quality.

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Quality

Quality begins with the selection of raw materials for Cocolife, sourced exclusively from high-quality coconut chips and peat from Sri Lankan plantations. The quality control department evaluates moisture, density, fiber content, pH, and electrical conductivity to ensure compliance with Akqroup standards. All Cocolife products are made from 100% natural and pure coconut chips and peat. With over eleven years of industry experience, research, and development, Akqroup has developed a range of coconut products tailored to various countries, climatic zones, and specific crops. Selecting the right mix for coconut products is a priority for Akqroup to meet the needs of growers worldwide, enhancing yields with Cocolife substrate. Our refined mixes improve water retention and aeration for healthy root and plant development.



Coconut fiber

Coconut fiber is a renewable organic substrate compared to others like peat moss, which takes years to harvest or recycle. The biodegradability of coconut substrate makes it highly eco-friendly, enriching soil even after disposal. Transporting coconut substrate is simpler than other bulky substrates, as it can be compressed sevenfold, making it a cost-effective option for growers worldwide.

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Berries

Super Washed Cocolife Growbox Mini Blocks

Ideal for growing berries due to their ability to quickly absorb moisture while retaining necessary water and nutrients at the roots. The high-quality mix in these bags allows sensitive plants like strawberries, raspberries, and other berries to root easily, ensuring excellent growth and yield. Cocolife mini growbags come with UV protection and are designed for multiple plants per bag. Plant holes, drippers, slats, and drainage slots can be pre-cut and drilled upon customer request with an approved layout.



** Product specifications may vary depending on your climatic zone. Contact our technical product consultant for guidance on selecting the right product for your crops: +994504863000, info@akqgroup.com.*

Tomato

Super Washed Cocolife Growbox

A fully ready-to-use substrate for maximum growth of non-berry crops like vegetables. With 40% air-holding capacity and optimal water and nutrient retention at full saturation, Cocolife growboxes ensure plants are anchored in a balanced pH environment with low electrical conductivity and no pathogens. This promotes healthy root growth, especially for vegetables like tomatoes, cucumbers, paprika, bell peppers, and more. Made from carefully selected, finely crushed coconut husk and fiber washed with pure spring water, Cocolife growboxes evenly distribute roots throughout the substrate, providing a safe growth environment. They come with UV protection and are designed for multiple plants per bag. Plant holes, drippers, slats, and drainage slots can be pre-cut and drilled upon customer request with an approved layout. Additional consultations are available if needed.



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Vegetables

Unwashed Cocolife Growbox

A fully recyclable and organic substrate for growing vegetables, including tomatoes, cucumbers, paprika, eggplants, bell peppers, and more. Made from unwashed coconut chips, this Cocolife substrate is an ideal growing medium developed through years of trials to protect delicate root systems and promote optimal growth and yield. Cocolife growboxes come with UV protection and are designed for multiple plants per bag. Plant holes, drippers, slats, and drainage slots can be pre-cut and drilled upon customer request with an approved layout.



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Flowers

Unwashed Cocolife Growbox

An ideal solution for growing flowers like roses, orchids, lilies, and others. Suitable for both home gardening and hydroponic systems, it serves as an excellent specialized substrate for floriculturists. Made from carefully selected unwashed materials with optimal pH, Cocolife growboxes offer high air permeability and water retention, promoting faster growth and larger, healthier flowers. They come with UV protection and are designed for multiple plants per bag. Plant holes, drippers, slats, and drainage slots can be pre-cut and drilled upon customer request with an approved layout.



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Blueberries

Cocolife Berry Mix

An ideal solution for growing blueberries. Akqroup's research and development team created a special coconut fiber mix with additives to enhance durability and yield for blueberry seedlings. With a relatively higher air-holding capacity (about 45% at saturation) compared to other products, Cocolife Berry Mix promotes better root growth and substrate aeration. The Cocolife Berry Mix bag can be used for 3–4 years without significant issues. Typically supplied unwashed for affordability, it can be washed upon customer request. It comes in UV-protected bags that last up to 4 years. Drainage holes can be pre-cut upon customer request with an approved layout.



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Strawberries

Super Washed Cocolife Disc

A growing medium for various crops, designed to fit standard international pot sizes, making it suitable for home gardening, large-scale agriculture, and hydroponics. We recommend this disc specifically for strawberries. Disc sizes can be customized, and holes for slats and drippers can be drilled upon customer request. Volume and diameter can also be adjusted per customer requirements.



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Flowers

Cocolife Chips Disc

A growing medium for various crops, designed for standard international pot sizes, suitable for home gardening, large-scale agriculture, and hydroponics. Specifically developed for gerberas but also recommended for other flowers like orchids, plants with lacy leaves, and cacti. Size, volume, and diameter can be customized, and holes for slats and drippers can be drilled upon customer request.



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Flowers and Berries

Cocolife Coconut Peat Briquette

A soil amendment mix for gardening and agriculture, made from super-washed coconut fiber. Pressed into a brick shape for easy transport, it expands to hold up to 10 liters of substrate when hydrated. Suitable for small containers in home gardening, agriculture, and hydroponics.



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Flowers

Cocolife Chips Briquette

Made from super-washed coconut chips, pressed into a brick shape for easy transport. When hydrated, it expands up to six times its dry size. Suitable for small containers, recommended for flowers like gerberas, anthuriums, lilies, and home gardening.



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Flowers and Berries

Super Washed Cocolife Coconut Peat Block

Ideal for organic gardening, home gardening, hydroponics, agriculture, composting, and soil mixes. Suitable for landscaping and germination of vegetables, herbs, fruits, and flower seeds. Instantly absorbs water for immediate hydration, enhancing soil porosity for better oxygen absorption and preventing root rot.



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Flowers

Super Washed Cocolife Coconut Chips Block

Ideal for organic gardening, home gardening, hydroponics, agriculture, composting, soil mixes, and mushroom substrates. A great soil amendment for indoor potted plants and outdoor gardens, it retains moisture longer, reduces soil compaction, and supports beneficial microorganisms.



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Flowers

Cocolife Coconut Fiber Poles

Ideal for climbing plants like grapes and vines, helping maintain shape while providing necessary moisture. Made by wrapping natural coconut fiber around wooden or PVC rods. Known for durability and strength, they can be extended as plants grow, avoiding replacement. Choose the appropriate pole length (in cm) for your plant or vine.



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A large coconut with its roots exposed is positioned on the left side of the frame. The background is a dark, blurred image of a palm frond, creating a tropical and naturalistic setting. The text is overlaid on the right side of the image.

Our Journey – From Palm to Greenhouse

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