INSTRUCTIONS

Bags of coco fiber substrate

KOKO AG
Earth's Own Growing Solutions

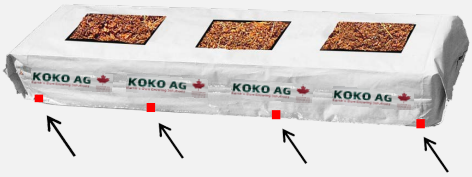
STRATIFIED **70/30** **50/50**

1- Setting up the growing bags in the greenhouses

- Place the substrate bags on a hard, level surface;
- Position the bag flaps correctly to facilitate substrate expansion during inflation;
- Leave a 3 cm gap between bags to ensure even substrate expansion;
- Discard any damaged or broken bags.

2- Drainage slots

The coco fiber bags come with 8 drainage slots since the substrate is pre-washed.



3- Inflation of a pre-washed substrate

Complete fertilizer solution



Insert the drippers into the planting holes. Irrigate with 200 ml per dripper at a pH of 5.8. For the first 2-3 inflation cycles, wait until the inflated substrate cone has completely absorbed the fertilizer solution.

Thereafter, watering cycles can be spaced approximately every 5 minutes, provided the solution is fully absorbed by the substrate. Otherwise, space the cycles accordingly (a high volume per irrigation cycle or cycles that are too close together may displace the substrate structure and reduce product performance).

Irrigate until the substrate completely fills the bag. The seedlings can now be placed on the substrate.

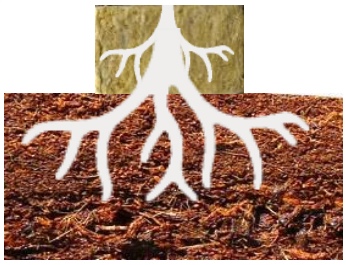
4- Irrigation strategy: Planting



Watering should ensure a continuous flow of water between the transplant cube and the coco coir substrate. Depending on the type of transplant cube (coco coir, rockwool, sphagnum moss, etc.), the watering frequency will vary. Watering should be done according to the moisture level of the transplant cube.

If the cube dries out too much, the roots will not establish themselves quickly in the bag of substrate.

5- Irrigation management during production



Once the plant roots have reached two-thirds of the substrate bag's height, the irrigation strategy must be changed.

Irrigation should be adjusted based on the coconut coir substrate's water retention capacity and the salinity at the drainage point.

Consult your agricultural professional to determine your irrigation strategy based on the desired effect on the plants.

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The **layered** technical substrate facilitates oxygen penetration into the substrate.

- For those learning how to manage irrigation in coco coir, stratification will prevent the the formation of water roots at the bottom of the bag will optimize the presence of rootlets and root health in order to support a greater fruit load.
- For irrigation experts, stratification will allow for better management of leaching and the water content is much tighter, allowing for rapid changes in strategy. The goal is to maintain good oxygen levels for root health.

Disclaimer: This information is for guidance purposes only. Each producer must adapt their strategies to their specific agronomic conditions. The information presented in this document is based on the expertise of the manufacturer and professionals at Groupe Horticole Ledoux Inc. Groupe Horticole Ledoux Inc. cannot be held liable for any direct or indirect damage or loss resulting from the use of this product.