

## SUBSTRATE INSTALLATION PROCESS

# BIOGROW SLABS SETUP



Step-by-step guide for optimal expansion, EC control and root establishment



## IRRIGATION FOR EXPANSION

- 1 Use clear water or a very low-concentration fertilizer mix.
- 2 Apply at least 75% of the slab's volume — e.g. for 100×20×8 cm (16 L), use ≥ 12 L. Add more water if needed until full expansion is reached.
  - | Send in small shots (~5 min) every 20 min to prevent channelling and ensure homogeneous hydration.
- 3 Check that the full substrate bag is well hydrated. If not, add more water in small shots.
- 4 Once expansion is satisfying, make drain cuts (or activate factory-made cuts).



## EC CONTROL

- 5 After drain cuts, irrigate with clear water for at least ½ day. Check EC of drain water — wait 24 h for multiple drainage cycles if time allows. **EC target:** drain EC should be **+0.2 to 0.3 mS** above input water EC. *Example — strawberry: feed at 0.7 mS → drain at 0.9–1.0 mS*



### FLUSH & CHEMICAL

- ▶ Keep watering to flush down Cl<sup>-</sup> concentration. Add Calcium Nitrate to replace Na<sup>+</sup> with Ca<sup>2+</sup>. EC in coco is mainly driven by these two ions.
- ▶ Once EC is satisfying, analyse drain water to check element ratios — especially if your crop is sensitive or input water is already hard. Do this before planting.



## AFTER PLANTATION

- 6 Irrigate frequently during rooting — drainage between 30 to 50% is advisable to avoid EC rise.

### FURTHER INFORMATION

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### CN/EN WEBSITE



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