

OASIS® Rootcubes Grower Medium – Do's and Don'ts for Successful Product Performance

OASIS® Rootcubes Wedge or Plug Growing Media is a unique propagation media. It is inert and sterile when manufactured. It is engineered with optimal air water ratio to promote fast and uniform rooting of vegetative cuttings. The unique cell structure allows the cuttings to uptake water easily, and as a result, the cuttings rehydrate rapidly upon sticking. This will help reduce the requirement for frequent misting and as a result nutrient leaching from the foliage can be minimized. The media is very consistent and sterile when manufactured and shipped. The universal dibble holes help the cuttings to stick easily. When it comes to handling, it is pretty much the same as any other propagation media.

Applications:

Rootcubes Wedge or Plugs works extremely well for propagation of crops that like well aerated media conditions. Furthermore, Rootcubes Media is also the solution when soil borne pathogens or pests are a concern during propagation.

The crops that propagate extremely well in Rootcubes Wedge or Plugs Media because of drainage characteristics or phytosanitary issues include:

- Poinsettia
- Mandevilla
- Hibiscus
- Roses
- Carnations
- Re-rooting of grafts of watermelons, cucumbers, and other crops
- Woody and several nursery crops
- Strawberry

Do's:

- Rootcubes Wedge or Plug should be irrigated as required during the course of propagation.
- Completely saturate the Rootcubes Wedge or Plug before they are transplanted
- Always transplant Rootcubes into a moist media.
- Thoroughly water the media after transplant and after that just water as required.
- Rootcubes Wedge or Plug is okay to be transplanted into a pot or a container to be grown inside greenhouse or outdoor as long the media can be maintained moist with manual watering or a drip irrigation system.

- Furthermore, any type of growing media (peat, coco, perlite, volcanic rocks types, field soil, etc.) can be used in the pot or container as long as the media can be maintained moist.
- Rootcubes Wedge or Plug can also be transplanted into raised beds or open fields only when irrigation can be controlled with a drip or some other sort of irrigation system.
- Generally it is recommended to cover the surface of the foam with the media after transplant. If kept exposed, the foam dries out quickly. However, it is still fine as long as the media surrounding the foam and roots are moist.
- For shipping, always contain the Rootcubes Wedge or Plug in plastic strips or trays

Don'ts:

- Never let the Rootcubes Wedge or Plug dry out during the course of propagation or right after transplant. If the foam dries completely it is not possible to rewet.
- Plants rooted in Rootcubes Wedge or Plugs cannot be pulled out of the trays and bunched together to ship. If they are bunched water will drain and immediate dry out.
- Never transplant foam plugs into a dry media because water moves out of the foam plug rapidly dries out.
- Never transplant into outdoor or a field where the media moisture cannot be controlled with some sort of irrigations system like drip.
- Do not over water after transplant, because excess watering can delay the root growth out of the foam and as a result the overall plant growth can be slower.