

Growing Mediums

Rockwool is a fantastic growing medium, when layed out on a ebb & flow tray it will retain the right amount of oxygen for the roots, yet hold plenty of water with nutrients. Cut into many shapes and sizes for cuttings. 1" cubes for cuttings, 2, 3, 4, & 6 inch



blocks for different size plants. 4 X 6 or 8 X 36" slabs to be layed out and larger plants put into them. Above Pepper plants in 4 X 4" cube sitting on slabs. Right cutting in Rockwool, left roots growing through Rockwool.



Rockwool is made by melting basalt or rhyolite rock, then poured onto a spinning disk that make fine strands of Rockwool then bound together with resins to hold it's shape. Keep the wrap on to block out light and to keep roots together. We can use Rockwool in; wicking, flood, drip, nutri-

ent film technique or airoponics. A very unique growing medium.

Lecca clay pellets; clay is part of the soil collides that hold and store nutrients then slowly release mineral elements into the soil solution. Comes in large or mixed size pelots. Use in drip or airoponic hydroponic gardens.

Can be used on Ebb & Flow gardens but is very light and may float dislodging roots.



Haydite a sterile heavy growing medium. Is also part of the make up that is the soil collides but does not absorb nutrient solution. Great for airoponics, drip, Ebb & Flow, NFT or passive systems.



CoCo Peat a renewable growing medium. Made from the waste of the cocanut shell. One small compressed brick will make about 7 liters of growing medium, 5 kg brick will make about 60 liters. Ours has been washed in a low saline water. The ppm of your waste water should be around 250 ppm not a 1000 ppm like some coco products. Growing Edge Technologies made a special request to have Coco washed with very low saline water. You do not have to spend as much time leaching out the salts before use. Available in bricks or B&W wrapped slabs.



Soilless soil recipe for Coco Brick.

2 X 5 Kg Coco Brick.
2 Kg Vermiculite, 2 kg perlite,
3 Cups Fine Lime,
Optional; Bat Guano, Kelp,
Gel Power.

Mix all ingredients together dry, then wet with with Power Thrive saturated water.

Rockwool has a high pH value that must be neutralize before use. Once done properly the pH is very stable.

- 1) Lay Rockwool out on tray, with raping paper on.
- 2) fill tray or reservoir with pH 5.2 water.
- 3) flood tray or soak Rockwool for 3 hours.
- 4) best to flood tray often.
- 5) after 3 hours drain and flood with pH 6.5 water
- 6) make new pH 6.5 water & pour over Rockwool
- 7) let this water sit in Rockwool for 1 hour.
- 8) remove a little bit of water with syringe and test pH of Rockwool water.
- 9) if pH stays around pH 6.5 you are ready to plant, make new nutrient solution and feed plants.
- 10) if Rockwool water pH is above pH 6.5 repeat steps 1 - 9. If pH of Rockwool is below pH 6 repeat steps 6 - 9.