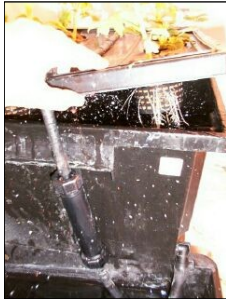


Aeroponic Instructions



Running the Aeroponic Systems is very easy.

Propagation

Seeds – start seeds in Perlite for best results. Remove perlite from root system and place in baskets with clay beads around them. If using Rockwool cubes, ensure the rockwool cube is not being sprayed directly, or it will get too wet. The cube should be entirely sheltered by the clay beads.

Cuttings – take a cutting a little longer than normal, sterilize cutting and blades etc under water with Hydrosshield added. Whilst under water trim 5-10 mm off the end, also trimming any nodes for more strike points to stop any air bubbles being drawn into the stem.

Put the cutting into the basket with the stem either poking out the side or in the side of the basket so it is sprayed directly. When roots appear you can draw the stem back into the basket if you like.

Use FX clone nutrient in the tank and spray with FX everyday minimum. (FX has rooting hormone, root acceleration hormones, vitamin B, nutrients, and a protective leaf gel to stop drying out as well as a wetting agent.)

Keep Hydrosshield in the tank and use fluorescent lighting only whilst rooting. Avoid excessive heat as the clones will dry out. Avoid excessive cold by heating the nutrient tank with a suitable aquarium heater.

If using an aeropropagator, use the lid vents to keep the moisture in, vents closed. Take the lid off each day and spray with FX before putting the lid back down again. Rootlets should appear in 3 days, and after 5-7 days the cuttings should have roots. You can move the clones to another system then, being mindful of the roots

Running the system grow/flower

Run pump continuously until roots emerge from the baskets, then run the pump 15 minutes on and 15 minutes off. Add Hydrosshield once per week. Make observations of the roots every few days

Problems: If roots become brown/black and slimy. This is the beginning of root rot, and you should dose Hydrosshield twice per week and reduce feeding by increasing the off time around 6 x per day (15 minutes on and 30 minutes off) until the roots are clean (White/Ivory) again. As roots are fibrous and can absorb water like a sponge, watering quantity should reduce when root mass has increased in size. As a general rule, once roots are touching the bottom of the growing container, the grower would be wise to reduce the watering gradually to 15 minutes on and 30 minutes off, by increasing the number of 30 minute breaks over 2 weeks.

Check the filter and sprinklers from time to time and clean them if required.

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