

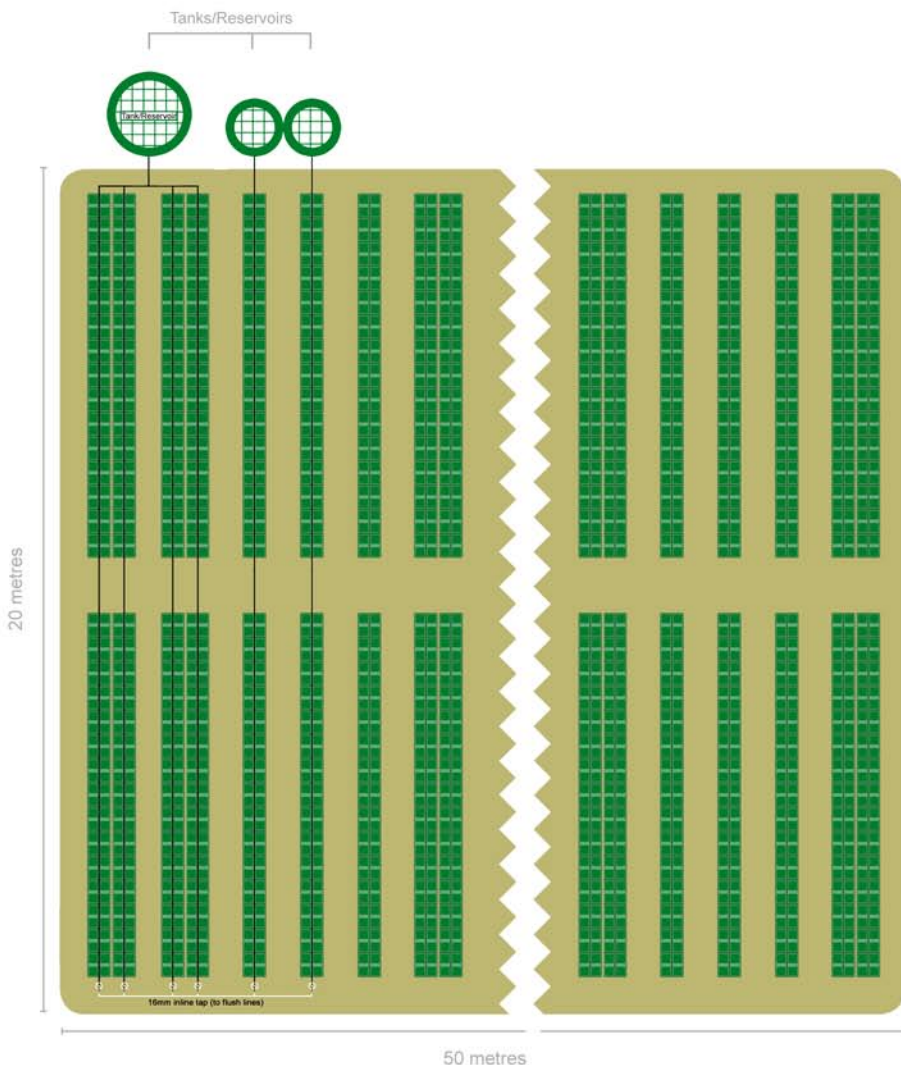


1000m²

Commercial Layouts

Typical layout for tomato / cucumber / pepper / lettuce / herb production

Total Area (metres ²)	Site dimensions	Number of 2Pot trays	Number of pots	Cost
100 metres ²	10m x 10m	170 - 225	340 - 450	POA
400 metres ²	20m x 20m	340 - 500	680 - 1000	POA
1000 metres ²	20m x 50m	2000 - 2500	4000 - 5000	POA



Commercial layouts are available for small greenhouses/glasshouses/polytunnels of any size.

- **Growing Lettuce / Herbs (low growing plants)**

Will allow the grower to accommodate more trays & pots within the greenhouse as the walkways can be reduced to 500mm due to the low growth of the plants. Wider rows using the 2Pot Trays can be used, creating rows 4 trays wide.

- **Ec / pH**

The Ec in the tank for lettuce & herbs is generally ideal at 1.0-1.2 Ec. The required pH in the tank should be set at 5.5-6.3. Cooler air temperatures are generally required for good lettuce growth.

- **Chillies / Aubergines (medium height plants)**

Walkways between the trays will need to be increased to 600mm-800mm. Rows should generally be 2 trays wide.

- **Ec / pH**

The Ec in the tank for chillies & aubergines is generally ideal at 1.4-2.4. The required pH in the tank should be set at 5.5-6.3.

- **Tomatoes / Cucumbers / Melons (tall, vine like plants)**

Walkways between the trays will need to be increased to 600mm-1000mm. Rows should generally be 2 trays wide.

- **Ec / pH**

The Ec in the tank for Tomatoes, Cucumbers & Melons is generally ideal at 1.6-2.4. The required pH in the tank should be set at 5.5-6.3.

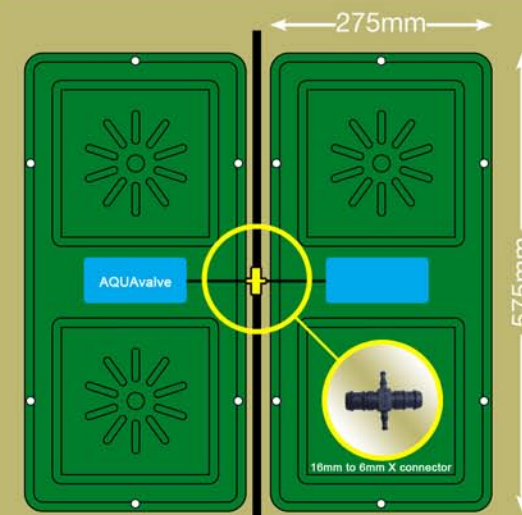
- **Substrate / Growing medium**

Many substrates can be used with great effect, such as coco in various grades, perlite, rockwool & good quality compost. Mixing the suggested growing media is also an option for the grower if required. Generally it is advantageous to ensure the medium of choice provides good aeration. For example mixing coco with perlite will help increase the air pockets within the pot. Also consider using a local medium especially if your site is situated on an island. We are at present testing coral in the AutoPot products. Coral is freely available on many islands, but will need to be treated, this is achieved by boiling the coral several times to remove the salt content within the coral. Once you are happy the coral is clean and free of salt it can be used or mixed with another substrates. Coral can also be used again and again. For further advice please contact AutoPot at mail@autopot.co.uk

- **Temperature / Humidity**

The ideal temperature for good plant growth is between 65oc – 75oc. Humidity is also very important and if possible needs to be constant between 55 – 75%. If the humidity levels drop below 40% the plants will encounter problems with transpiration, with growth slowing down. If you can keep the temperature & humidity within the suggested levels growth will be healthy and vigorous.

2Pot Tray Layout In Detail



Additional information can be found at www.autopot.co.uk

Please note that the information provided above is only a guideline. Healthy plant growth is determined by many factors, if all the above parameters can remain constant, such as the humidity, temperature, pH & Ec, growth will be prolific & uniform.