

GROWING IN ADVANCED CARBONS

Key Crop Components



Cucumbers, Tomatoes, Peppers

- ☑ Minimum volume 1 litre
- ☑ First 10 days from transplant into carbon substrate, maintain consistent moisture around base of stem
- ☑ Fertilize normally with regular feed program
- ☑ Tomatoes and peppers require additional calcium at fruit initiation to reduce blossom end rot
- ☑ Maintain nitrogen to potassium concentrations and correct ratios to ensure cucumber fruit uniformity



Lettuce

- ☑ Because lettuce requires less light than fruiting crops, the feed program can be light to moderate
- ☑ Crop is extra sensitive to dehydration throughout its lifecycle
- ☑ Frequency of irrigation will be higher than lettuce grown in other substrates
- ☑ Lettuce has a higher demand for calcium and moisture stress can lead to tip burn
- ☑ Keep carbon consistently moist
- ☑ 150 - 200ml of carbon required for use with Nutrient Film Technique (NFT)
- ☑ Very important to keep the carbon well hydrated until the roots have grown through the carbon in NFT systems



Basil

- ☑ The feed program can be light
- ☑ Crop is extra sensitive to dehydration throughout its lifecycle
- ☑ Frequency of irrigation will be higher in first 10 days than basil grown in other substrates
- ☑ Lower fertilizer requirement
- ☑ Avoid long days to prevent flowering
- ☑ 150 - 200ml of carbon required for use with Nutrient Film Technique (NFT)
- ☑ Very important to keep the carbon well hydrated until the roots have grown through the carbon in NFT systems



Strawberries

- ☑ Ensure the crown of strawberries is immediately below the surface of the carbon at transplanting
- ☑ Crop is extra sensitive to dehydration throughout its lifecycle
- ☑ Frequency of irrigation will be higher than strawberries grown in other substrates
- ☑ 150 - 200ml of carbon required for use with Nutrient Film Technique (NFT)
- ☑ Very important to keep the carbon well hydrated until the roots have grown through the carbon in NFT systems



Cannabis

- ☑ Frequency of irrigation will be higher in first 10 days than cannabis grown in other substrates
- ☑ Heavier feeders
- ☑ Since they require higher light intensity and duration, maintain moisture level