

scaevola

Bombay[®]



RECEIVING UNROOTED/CALLUSED CUTTINGS

Open the boxes upon arrival. Cuttings should be stuck as soon as possible. Cuttings may be temporarily stored overnight at 8°C in open boxes.

ROOTING UNROOTED CUTTINGS

Root Emergence: 2 Weeks

Total Rooting Time: 2-3 Weeks

Preparation Prior to Arrival of Cuttings: Clean and disinfect propagation area. Place rooting media on the bench shortly before arrival of cuttings. Preservation of cutting quality is dependant upon how quickly cuttings are stuck into ideal propagation conditions.

Rooting Hormones: Will encourage uniform rooting. Determine proper concentrations prior to sticking the entire crop. Excess hormones can cause severe damage.

Misting: 4 Seconds/45 Minutes (initially , 4-6 days). This will vary depending on light levels and temperatures.

Disease Control: A preventative soil drench for Pythium can be made any time after sticking. Preventative sprays aid in controlling Botrytis. Excessive pesticides usage either in frequency or concentration may delay root development.

Moisture: Media should be moist at all times, but not saturated.

Ventilation: Ventilation and Horizontal Air Flow fans are the most important tools in reducing Botrytis infections.

Humidity: 75-85%

Air Temperature: 19-22°C

Bottom Heat Temperature: Not Necessary

pH: 5.5-5.9

Media EC: 1.0

Light: ~3,000 fc

Fertilizer: Not Necessary

FINISHING ROOTED CUTTINGS

Disease Prevention/Sanitation: Preventing plant disease is the easiest and most cost effective method to control potential disease problems. Prior to the arrival of your rooted cuttings disinfect all growing surfaces. Use only new pots and fresh media.

Media: Select a porous media that drains well. A pre-plant charge of micro- and macronutrients is recommended.

Pre-Plant: Thoroughly water the rooted cuttings until media is saturated. Moisten finish container media till wet to the touch, ut not saturated. Dibble a small hole to prevent breaking of delicate roots when transplanting rooted cuttings.

Transplanting: Transplant directly into finish container with rooting media level with soil in container. Rooting media above soil line will promote excessive drying out and wilting of the rooting cutting despite a moist environment.

Media pH: 5.4-5.9

Moisture: Media should dry slightly between waterings, and should never be kept too wet.

Fertilizer: 200ppm N (Low Phosphorus fertilizers, such as 25-0-25 produce the best results)

Media EC: 1.0-2.0

Temperature: 65-80°F

Light: 5,000-9,000 fc

Pinching: 1 pinch to 3 nodes at transplant is recommended.

Growth Regulators: 1 application 2-3 weeks after transplant. Bonzi sprays work well. Generally 20-40ppm Spray.

Common Pests: Aphids, Spidermites

Common Diseases: Pythium and other root rots

SCHEDULING

Rooted to 10cm finish: 5-7 weeks

Rooted to 15cm finish: 6-8 weeks

Rooted to 25cm basket finish: 3 plants/pot 10-12 weeks

Rooted to 30cm basket finish: 3 plants/pot 10-12 weeks

GARDEN PERFORMANCE

Garden Height: 15-25cm

Garden Width: Blue= 35-45cm, Pink = 45-56cm

Light: Full Sun