

## Photinia Dynamo™

(*Photinia hybrid*)

### Propagation

Not Applicable.

### Growing On to Finish

#### Media

Performs well in general nursery production media.

#### Irrigation

Keep soil irrigated; do not allow soil to dry completely. Dynamo Red in particular has a tendency to dry out quickly. It is best to water in the morning and have the foliage dry by the end of the day. Close water monitoring is important.

#### Fertilizer

Plants are heavy feeders. Keep soil media at optimum fertility to finish quickly. Slow-release fertilizer is best. 8 to 9-month low phosphorus Osmocote or similar at 3.5 to 4 kg. per cubic meter/ 8 to 9 lbs. per cubic yard of growing media. Liquid feeding using Peters Excel® 21:5:10 or similar. May need extra Iron in the form of Iron sulfate at 5 gm/l or 0.02 oz/gal to reduce yellowing. Application of liquid feed of 225 ppm nitrogen may be necessary to promote young, green growth. Nitrogen will quickly increase foliage growth. If new growth tips stop showing a deep color, the plants require more feeding.

#### Pruning

Liners will be shipped ready to pot. Maintain central leader until potted plant is ready to sell. Main stem should be clipped to a stake for support once plants are 12 to 15-in. (30 to 40-cm) high. Plants are naturally well branched, so no pruning is necessary. Finishes quickly for #1, 3, 5 or larger container or field grown product.

#### Spacing

Initial potting can be kept can-tight. Spacing is recommended to promote a lower basal branching habit that is a feature of these cultivars.

#### Container Size

Recommended container size #1, 3 or 5 nursery container.

### Crop Scheduling

#### Container Size

##### 1 Gal (17 cm):

Production Time (plug to finish): 20-30 Weeks

##### 2 Gal (20 cm):

Production Time (plug to finish): 25-35 Weeks

### Pests & Diseases

As a preventative control for Entomosporium Leaf Spot, the following treatments are recommended. Plants appear to be susceptible in the Winter into early Spring.

Cultural practices such as irrigation in the morning into mid-day is helpful so the foliage is dry before evening. Spacing containers material to help improve air circulation, avoiding heavy pruning and removing all fallen, diseased leaves from the production facility is beneficial. Fungicide applications do reduced the spotting on new foliage. A preventative fungicide treatment program is recommended. Fungicide applications during the growing season is necessary as a preventative measure. Applications should be made 10 to 14 days apart. We recommend using this to ensure that plants are clean. No major problems. Heat, humidity, aridity and mildew resistant. Same issues as commercially produced Photinia cultivars. Performs best in western U.S.

**NOTE:** Growers should use the information presented here as a starting point. Crop times will vary depending on the climate, location, time of year and greenhouse environmental conditions. Chemical and PGR recommendations are only guidelines. It is the responsibility of the applicator to read and follow all the current label directions for the specific chemical being used in accordance with all regulations.