



Vivacia™ Dianthus

Features large, vivid solid colors
Very uniform series
20% larger than SuperTrouper series
Ideal for large containers, combinations
and garden beds

Striking red blooms.

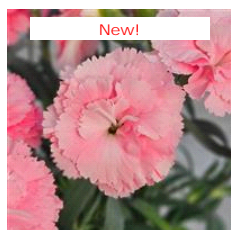
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Vivacia™ Bright Red Dianthus

General & Information						
Height:	Spread:	Exposure:	Hardiness Zone:			
12 - 16" (30 - 41cm)	10 - 14" (25 - 36cm)	Sun	7a - 7b			
Rooting Guidelines						
Recommended Cell Size (in millimeters):	Rooting Hormone (IBA + NAA mix):	Average Days with Mist:	Early PGR Treatment Recommended (after 7 - 10 days):	Average Propagation Weeks:	Pinch in Propagation:	Comments:
25/35 mm	recommended	14 to 21	(see note 1) optional	5 to 6	optional	Keep mist high for the first week to rehydrate the cuttings. Reduce mist after 1 week to promote root development.
Rooting & Finishing						
Media pH:	Fertilizer Needs:		Watering:			
(see note 2) 5.8-6.2	(see note 3) 100-150 ppm N EC 1.4-1.8		(see note 4) moderate			
Finishing Guidelines						
Temperature Needs Day/Night:	Pinch after Transplant (unpinched liners):	Light Levels in Foot Candles:	Plant Growth Regulators (PGR) (S) = spray / (D) = drench:	Pests and Fungal Diseases:	Comments:	
(see note 5) 60-68°F/50-60°F 15-20° C/10-16°C	yes	4,000 to 7,000	Bonzi 1-3 PPM (S), Cycocel 750 PPM (S)	Mites, Fusarium	For best results, grow cool and bright.	
Crop Time						
4- to 5-inch (10- to 13-cm) Pots, Quarts :	6-inch (15-cm) Pots, Gallons:		10- to 12-inch (25- to 30-cm) Tubs or Baskets:			
12 to 14 weeks (varies seasonally), 1 ppp	12 to 14 weeks (varies seasonally), 1 ppp		12 to 16 weeks (varies seasonally), 3-5 ppp			
<p>1. PGR applications during rooting: Sprays only. Cover the plants and avoid run-off as much as possible. For vigorous products, first application should be done about 7-10 days after sticking, second when needed. Please test before use.</p> <p>2. Media pH: Best results are achieved if media with the correct pH is used starting with propagation.</p> <p>3. Fertilizer needs: Start with low concentrations after roots show and increase with plant development to the recommended levels.</p> <p>4. Watering: In general avoid drying out or overwatering the substrate as this will affect plant quality and finishing time. Root system will suffer when conditions change from one extreme to the other. "Growing on the dry side" means letting the substrate become dry (substrate color turns light brown and substrate starts to separate from the pot edge) before watering.</p> <p>"Keep constantly moist" means watering the plants just before substrate becomes dry. Water management in rooting and finishing is half the success and the best way to prevent root-bound diseases, improve performance and control plant quality.</p> <p>5. Temperature needs day/night: During rooting keep soil temperature measured in the liner at 70°F/21°C until cuttings are well-rooted. After planting the liner, keep temperature up until roots have developed nicely. Afterward follow recommendations.</p> <p>The use of "Cool Morning" treatments will improve plant quality, flower and foliage color, and plant habit, and harden the plants. Lower the temperature by 8-12° F/4-6°C 2 hours before sunrise until 2-3 hours after sunrise. Start treatments after plants are rooted in, well-branched and cover the media (reach the pot edges). To avoid delayed flowering, keep the average day temperature under a close watch and if necessary, increase night temperatures. Finishing of the crop depends on the average day temperature, and positive or negative DIF methods as well as "Cool Morning" can be used to improve plant quality.</p>						

NOTE: Growers should use the information presented here as guidelines only. Selecta recommends that growers conduct a trial of products under their own conditions. Crop times will vary depending on the climate, location, time of year, and greenhouse environmental conditions. It is the responsibility of the grower to read and follow all the current label directions relating to the products. Nothing herein shall be deemed a warranty or guaranty by Selecta of any products listed herein. Selecta's terms and conditions of sale shall apply to all products listed herein.

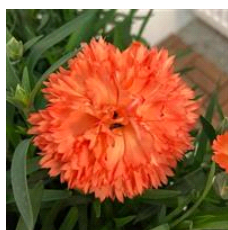
Other Vivacia™ Varieties



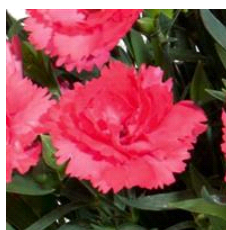
Light Pink 26



Deep Red



Orange



Pink



Purple



White