

Production

Growing Dianthus Successfully



By: [Josiah Raymer](#) | [Email](#)

March 27, 2014

- [✉ Email](#)
- [🖨 Print](#)
- [f Facebook](#)
- [G+ Google](#)
- [in LinkedIn](#)
- [🐦 Twitter](#)
- [p Pinterest](#)

Dianthus 'Firewitch' from Emerald Coast Growers

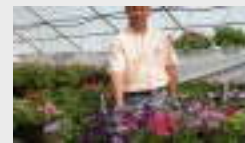
From whites to reds to vivid

pinks, today's dianthus tease the senses with scents, colors and textures. This perennial favorite offers great potential for expanding sales and seasons.

One of the broadest genera, with about 300 species to choose from, dianthus especially excels in the perennial department, offering up a bright selection that's typically hardy in Zones 5 to 8.

Ideal for cottage borders and landscapes, in larger containers and pots, they're even lovely as cut flowers. From petite 6-inch border pinks to larger 18-inch sturdier bloomers, dianthus offer versatility that let you target just

[Previous Article](#)



March 27, 2014
[Rethink What It Means To Be A Greenhouse Grower, Konjoian Says](#)

[Next Article](#)



March 27, 2014
[Amidst Drought, Solar Desalination Allows California Water District To...](#)

Latest Stories



January 10, 2018
[Growing Tips for Bidens From a Plant Expert](#)



July 19, 2016
[Do You Grow Young Plants? Only 4 Days Left To Take Our ...](#)



June 6, 2016
[The State Of Plant Breeding In 2016](#)



May 19, 2016
[Minimize Build-up In Your Water Pipes](#)

September 20, 2015

about any market.

Transplanting

Plant one liner per trade gallon pot. Finish time for spring sales is approximately eight to 10 weeks. At liner planting, drench with a broad spectrum fungicide as a preventive measure.

Growing On

Provide growing temperatures at 60°F to 70°F daytime and 50°F to 60°F nighttime.

Use a well-draining, disease-free, fertile commercial media. Maintain pH in the range of 5.8 to 6.2.

Dianthus 'Passion' from Emerald Coast Growers

Keep
electrical

conductivity (EC) at 0.8 to 1.2 with a target of 1.0 mS/cm using the 2:1 extraction method.

Dianthus prefer high light levels of at least 5,000 footcandles (fc). No supplemental lighting is required.

For optimum growth, pinch the first center bud. Generally, dianthus doesn't need plant growth regulators.

Fertilize as needed with a liquid feed at 100 to 150 ppm nitrogen.

Grow plants on the dry side, allowing them to dry out between waterings.

Vernalization and cold treatments are beneficial but not necessary for successful dianthus production.

Pests And Diseases

Pests shouldn't be a problem if standard sanitation practices are followed. Monitor for fusarium and rhizoctonia.

Preventive measures should include maintaining good air circulation and managing humidity levels. Consider a monthly preventive broad-spectrum fungicide rotation for



Technology Improves
Orchid Production At
Green Circle G...

September 15, 2015



Young Plant Growers
Weigh In On Crop Gains,
Sales Trend...

September 15, 2015



The State Of The 2015
Young Plant Market

September 8, 2015



Vivero Internacional
Continues To Expand
Unrooted Cutti...

August 19, 2015



Greenhouse Growing
Recommendations For
Lobularia

July 29, 2015



Backyard Success: Mike
McGroarty Educates
Aspiring Grow...

June 27, 2015



Concern Grows Over
Unregulated Pesticide
Use On Cannabi...

June 16, 2015



The Butterfly Effect:
Insect's Wings Key To
Azalea Poll...

March 17, 2015



4 Key Pollinator
Research Projects To Be
Funded By Hort...

March 11, 2015

added assurance.

Leave a Reply

More From Plant Culture...



April 14, 2018

Kemin Forms Distribution Partnership With Plant Products



April 13, 2018

Dümmen Orange Debuts New Rooting Technology



Pollinator Initiative Promotes Bee-Friendly Talking Poi...



February 11, 2015

Infusion Technology Boosts Seed Performance, Study

Sugg...



February 3, 2015

American Floral Endowment Accepting Research Pre-Propos...



January 27, 2015

Marijuana's Trajectory And Ascent To Horticultural Cr...



December 9, 2014

Greenhouse Production: Two Years Of Basics & Beyond...



April 10, 2018

New Tool Helps Greenhouse Growers Analyze Irrigation Water Quality

**GREENHOUSE
GROWER**

The leader in profits, production, and education for greenhouse growers.

© 2018 Meister Media Worldwide