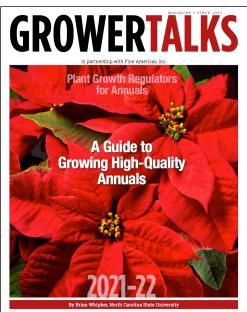


Volume 10 Number 2 January 2021

# Plant Growth Regulator Guide for Annuals Update

The latest version of the Plant Growth Regulator Guide for Annuals is now available, a project sponsored by Fine Americas. GrowerTalks subscribers will receive a copy in the mail or use the link in this Alert to obtain a pdf copy.



The 72-page Plant Growth Regulator Guide for Annuals publication has been updated for the 2021-2022 season. Fine Americas has introduced a new IBA product called Advocate to help improve rooting of cuttings. A report on Advocate's effectiveness at promoting roots during propagation is the lead article in the new PGR guide.

In addition, the use of Concise (uniconazole) for the production of poinsettias grown in smaller 4.5-inch containers is also discussed. Concise substrate drenches at 0.5 to 1.0 ppm offer an alternative to the use of Piccolo 10XC (paclobutrazol). These recommendations will help you grow smaller poinsettias that are proportional to the pots size.



Reprint with permission from the author(s) of this e-GRO Alert.

<sup>1</sup> North Carolina State University

www.e-gro.org



Another new article highlights the use of Piccolo 10XC on moderating excessive vegetative growth of petunia hanging baskets. The application methods discussed in this article provides a method to eliminate long trailing vegetative branches and produce a more compact hanging basket covered with flowers.

The guide is also is the primary resource for best management practices for the use of PGRs. The bulk of the guide is the extensive listing of PGR application recommendations in the 43-page table.

Articles also provide an overview of the PGRs available to the U.S. market, additional benefits of PGRs, plus use tips for Piccolo 10XC, Collate, Fresco, and Florgib 4L, and production information for Coleus with Collate, Poinsettias with Piccolo 10XC drenches, and Configure use on sempervivium.

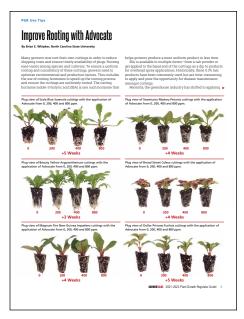
The goal for the Plant Growth Regulator Guide for Annuals is to provide a single resource of PGR information for greenhouse growers. An electronic version is available from the Fine Americas website. Subscribers to GrowerTalks magazine will also be sent a paper copy with their next issue of the magazine.

Appreciation is expressed to Fine Americas for sponsoring this publication.

Link

https://www.fine-americas.com/wpcontent/uploads/2021/01/ Annuals\_PGR\_Guide\_2021.pdf

### New articles in 2021



### Concise Drenches for 4.5-in. Pot Poinsettias





### e-GRO Alert - 2021

## e-GRO Alert

CONTRIBUTORS

Dr. Nora Catlin Floriculture Specialist Cornell Cooperative Extension Suffolk County

Dr. Chris Currey Assistant Professor of Floriculture Iowa State University ccurrey@iastate.edu

Dr. Ryan Dickson Greenhouse Horticulture and Controlled-Environment Agriculture University of Arkansas ryand@uark.edu

Thomas Ford Commercial Horticulture Educator Penn State Extension tgf2@psu.edu

Dan Gilrein Entomology Specialist Cornell Cooperative Extension Suffolk County dog1@cornell.edu

Dr. Joyce Latimer Floriculture Extension & Research Virginia Tech <u>ilatime@vt.edu</u>

Heidi Lindberg Floriculture Extension Educator Michigan State University wolleage@anr.msu.edu

Dr. Roberto Lopez Floriculture Extension & Research Michigan State University rglopez@msu.edu

Dr. Neil Mattson Greenhouse Research & Extension Cornell University neil.mattson@cornell.edu

Dr. W. Garrett Owen Greenhouse Extension & Research University of Kentucky wgowen@ukv.edu

Dr. Rosa E. Raudales Greenhouse Extension Specialist University of Connecticut rosa, raudales@uconn.edu

Dr. Beth Scheckelhoff Extension Educator - Greenhouse Systems The Ohio State University scheckelhoff. 11@osu.edu

> Dr. Ariana Torres-Bravo Horticulture / Ag. Economics Purdue University torres2@purdue.edu

Dr. Brian Whipker Floriculture Extension & Research NC State University bwhipker@ncsu.edu

Dr. Jean Williams-Woodward Ornamental Extension Plant Pathologist University of Georgia <u>iwoodwar@uga.edu</u>

Copyright © 2021

Where trade names, proprietary products, or specific equipment are listed, no discrimination is intended and no endorsement, guarantee or warranty is implied by the authors, universities or associations.

### **Cooperating Universities**

Cornell**CALS** College of Agriculture and Life Sciences



UCONN

**College of Agricultural &** 

**Environmental Sciences** 

**UNIVERSITY OF GEORGIA** 

### **Cornell Cooperative Extension** Suffolk County

### IOWA STATE UNIVERSITY











THE OHIO STATE UNIVERSITY



DIVISION OF AGRICULTURE RESEARCH & EXTENSION University of Arkansas System

#### In cooperation with our local and state greenhouse organizations

