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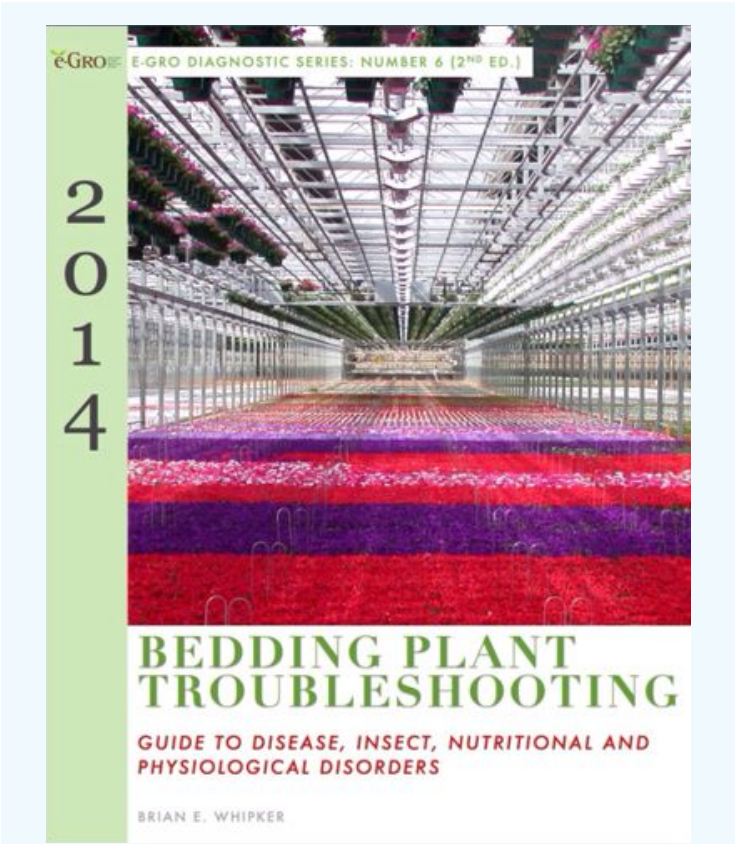
Bedding Plant Troubleshooting eBook

A new troubleshooting guide to Bedding Plant disorders has been published by North Carolina State University's Floriculture group.



The 2014 version of **Bedding Plant Troubleshooting: Guide to Disease, Insect, Nutritional, and Physiological Disorders** has been published on the iBookstore.

This second edition has been expanded with over 40 new diagnostic photographs and highlights a total of 177 disorders on ageratum, begonia, celosia, impatiens marigolds, salvia, snapdragons, and zinnias. The beginning of each species chapter has a quick touch index for each listed disorder. The 249 page eBook is available from the iBookstore.



Cover of the Bedding Plant Troubleshooting eBook.

e-GRO Alert

www.e-gro.org

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Bedding Plant Troubleshooting: Guide to Disease, Insect, Nutritional, and Physiological Disorders

(e-GRO Diagnostic Series: Number 6, 2nd edition)

System Requirements:

The book will only work on iPads version 2 or later.

Cost: \$9.99

Available at: iBookstore
(search for bedding plants)

Cooperating Universities



Cornell University
Cooperative Extension
of Suffolk County



THE UNIVERSITY OF GEORGIA
**COOPERATIVE
EXTENSION**

College of Agricultural and Environmental Sciences
College of Family and Consumer Sciences



UNIVERSITY
of NEW HAMPSHIRE

Cooperative Extension

In cooperation with our
local and state greenhouse
organizations



Example Page Screenshots



TABLE OF CONTENTS	3. BEGONIA, WAX
1. CHAPTER INDEX	Aphids
	Boron deficiency
	<i>Botrytis</i>
2. AGERATUM	Freeze damage
Aphids	Fungus gnats
Boron deficiency	High pH (Iron deficiency)
Cycocel phytotoxicity	Impatiens necrotic spot virus
Fertilizer burn	Leafminer
Genetic variation	Mealybugs
Gutation	PGR overdose
Leafhoppers	Powdery mildew
Low fertility (N deficiency)	<i>Pythium</i> root rot
PGR overdose	<i>Rhizoctonia</i>
<i>Pythium</i> root rot	<i>Sclerotinia</i> (White mold)
<i>Sclerotinia</i> (White mold)	<i>Thielaviopsis</i> (Black root rot)
Spray phytotoxicity	Water stress
Stem roots	Western flower thrips
Water stress	Whiteflies
Western flower thrips	
Whiteflies	



Initial iron deficiency
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High Substrate pH Induced Iron Deficiency (Begonia): Interveneal chlorosis (yellowing) of the upper leaves occurs when the substrate pH rises above 6.5. Lowering the substrate pH will correct the disorder. Also check the root system for rot or over irrigation, which can also limit the ability of the plant to uptake iron.

CAUTION: pH Influences Nutrient Availability

Because nutrient availability is regulated by the root substrate pH, confirm actual pH values with a complete root substrate test by a commercial lab prior to making correctional changes.