



Genes Involved in Plant Defense

By Boller, Thomas / Meins, Frederick

Book Condition: New. Publisher/Verlag: Springer, Wien | Many fungi and bacteria that associate with plants are potentially harmful and can cause disease, while others enter into mutually beneficial symbioses. Co-evolution of plants with pathogenic and symbiotic microbes has led to refined mechanisms of reciprocal recognition, defense and counter defense. Genes in both partners determine and regulate these mechanisms. A detailed understanding of these genes provides basic biological insights as well as a starting point for developing novel methods of crop protection against pathogens. This volume deals with defense-related genes of plants and their regulation as well as with the genes of microbes involved in their interaction with plants. Our discussion begins at the level of populations and addresses the complex interaction of plant and microbial genes in multigenic disease resistance and its significance for crop protection as compared to monogenic resistance (Chap. 1). Although monogenic disease resistance may have its problems in the practice of crop protection, it is appealing to the experimentalist: in the so-called gene-for-gene systems, single genes in the plant and in the pathogen specify the compatibility or incompatibility of an interaction providing an ideal experimental system for studying events at the molecular level (Chaps....



[DOWNLOAD PDF](#)



[READ ONLINE](#)

[2.39 MB]

Reviews

This ebook can be worthy of a read, and much better than other. I have read and i am certain that i am going to planning to go through again once again in the future. You may like just how the writer compose this book.

-- **Mr. Grant Stanton PhD**

A whole new eBook with an all new standpoint. It is actually really fascinating through reading through time period. You wont truly feel monotony at anytime of your own time (that's what catalogues are for relating to when you request me).

-- **Claire Bartell**

See Also



Because It Is Bitter, and Because It Is My Heart (Plume)

Plume. PAPERBACK. Book Condition: New. 0452265819 12+ Year Old paperback book-Never Read-may have light shelf or handling wear-has a price sticker or price written inside front or back cover-publishers mark-Good Copy- I ship FAST with FREE tracking!!!! * I am a reputable...



Way it is

Second Story Press. Paperback. Book Condition: new. BRAND NEW, Way it is, Donald Reid, It's the 1960s - the time for equal rights, peace, and love. But for Ellen Manery, it's the time to work hard and finish high school early. She'd...



Index to the Classified Subject Catalogue of the Buffalo Library; The Whole System Being Adopted from the Classification and Subject Index of Mr. Melvil Dewey, with Some Modifications .

Rarebooksclub.com, United States, 2013. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book ***** Print on Demand *****.This historic book may have numerous typos and missing text. Purchasers can usually download a free scanned copy of the...



Klara the Cow Who Knows How to Bow (Fun Rhyming Picture Book/Bedtime Story with Farm Animals about Friendships, Being Special and Loved. Ages 2-8) (Friendship Series Book 1)

Createspace, United States, 2015. Paperback. Book Condition: New. Apoorva Dingar (illustrator). Large Print. 214 x 149 mm. Language: English . Brand New Book ***** Print on Demand *****.Klara is a little different from the other cows, because she has a very special...



Homeschool Your Child for Free: More Than 1,400 Smart, Effective, and Practical Resources for Educating Your Family at Home

Random House USA Inc, United States, 2009. Paperback. Book Condition: New. 2nd. 229 x 185 mm. Language: English . Brand New Book. Provide a solid education at home without breaking the bank. Introduced in 2000, Homeschool Your Child for Free gave countless...



Lans Plant Readers Clubhouse Level 1

Barron's Educational Series. Paperback. Book Condition: New. Paperback. 24 pages. Dimensions: 8.9in. x 5.7in. x 0.3in.This is volume six, Reading Level 1, in a comprehensive program (Levels 1 and 2)for beginning readers. Two nine-book sets teach reading to children from preschool to...