



# Principles of Plant Genetics and Breeding

By George Acquaah



## Principles of Plant Genetics and Breeding By George Acquaah

Until recently, plant breeders have depended primarily on classical tools to develop new and improved products for producers and consumers. However, with the advent of biotechnology, breeders are increasingly incorporating molecular tools in their breeding work. In recognition of the current state of methods and their application, this text introduces both classical and molecular tools for plant breeding.

Topics such as biotechnology in plant breeding, intellectual property, risks, emerging concepts (decentralized breeding, organic breeding), and more are addressed in this state of the art text. The final 8 chapters provide a useful reference on breeding the largest and most common crops. In addition, over 25 plant breeders share their professional experiences while illustrating concepts in the text.

Features include:

- Comprehensive presentation of both classical and molecular plant breeding tools
- Industry highlight essays from over 25 professional plant breeders
- Chapter introductions, summaries and discussion questions
- Easy reference glossary
- Reference chapters on breeding 8 of the largest and most common crops

Artwork from the book is available to instructors online at [www.blackwellpublishing.com/acquaah](http://www.blackwellpublishing.com/acquaah). An Instructor manual CD-ROM for this title is available. Please contact our Higher Education team at [HigherEducation@wiley.com](mailto:HigherEducation@wiley.com) for more information.

 [Download Principles of Plant Genetics and Breeding ...pdf](#)

 [Read Online Principles of Plant Genetics and Breeding ...pdf](#)

# Principles of Plant Genetics and Breeding

*By George Acquah*

## Principles of Plant Genetics and Breeding By George Acquah

Until recently, plant breeders have depended primarily on classical tools to develop new and improved products for producers and consumers. However, with the advent of biotechnology, breeders are increasingly incorporating molecular tools in their breeding work. In recognition of the current state of methods and their application, this text introduces both classical and molecular tools for plant breeding.

Topics such as biotechnology in plant breeding, intellectual property, risks, emerging concepts (decentralized breeding, organic breeding), and more are addressed in this state of the art text. The final 8 chapters provide a useful reference on breeding the largest and most common crops. In addition, over 25 plant breeders share their professional experiences while illustrating concepts in the text.

Features include:

- Comprehensive presentation of both classical and molecular plant breeding tools
- Industry highlight essays from over 25 professional plant breeders
- Chapter introductions, summaries and discussion questions
- Easy reference glossary
- Reference chapters on breeding 8 of the largest and most common crops

Artwork from the book is available to instructors online at [www.blackwellpublishing.com/acquah](http://www.blackwellpublishing.com/acquah). An Instructor manual CD-ROM for this title is available. Please contact our Higher Education team at [HigherEducation@wiley.com](mailto:HigherEducation@wiley.com) for more information.

## Principles of Plant Genetics and Breeding By George Acquah Bibliography

- Sales Rank: #1597763 in Books
- Brand: Brand: Wiley-Blackwell
- Published on: 2006-09-27
- Original language: English
- Number of items: 1
- Dimensions: 11.20" h x 1.10" w x 8.90" l, 3.25 pounds
- Binding: Hardcover
- 584 pages

 [Download Principles of Plant Genetics and Breeding ...pdf](#)

 [Read Online Principles of Plant Genetics and Breeding ...pdf](#)



## Download and Read Free Online Principles of Plant Genetics and Breeding By George Acquaah

---

### Editorial Review

From the Back Cover

Until recently, plant breeders have depended primarily on classical tools to develop new and improved products for producers and consumers. However, with the advent of biotechnology, breeders are increasingly incorporating molecular tools in their breeding work. In recognition of the current state of methods and their application, this text introduces both classical and molecular tools for plant breeding.

Topics such as biotechnology in plant breeding, intellectual property, risks, emerging concepts (decentralized breeding, organic breeding), and more are addressed in this state of the art text. The final 8 chapters provide a useful reference on breeding the largest and most common crops. In addition, over 25 plant breeders share their professional experiences while illustrating concepts in the text.

About the Author

**George Acquaah** is Distinguished Professor and Chair of the department of Agriculture and Natural Resources at Langston University. He is the author of four critically acclaimed textbooks, and has received numerous awards, including the prestigious USDA Award for Excellence in College and University Teaching in Food and Agricultural Sciences, and the Millennium Award for Excellence in Teaching, presented by the White House Initiative on Historically Black Colleges and Universities in the US.

### Users Review

**From reader reviews:**

**Bethany Christiansen:**

Have you spare time for a day? What do you do when you have far more or little spare time? Yes, you can choose the suitable activity to get spend your time. Any person spent their spare time to take a stroll, shopping, or went to often the Mall. How about open or even read a book called Principles of Plant Genetics and Breeding? Maybe it is to get best activity for you. You realize beside you can spend your time together with your favorite's book, you can smarter than before. Do you agree with the opinion or you have other opinion?

**Elliott Preciado:**

Why? Because this Principles of Plant Genetics and Breeding is an unordinary book that the inside of the publication waiting for you to snap the idea but latter it will distress you with the secret this inside. Reading this book alongside it was fantastic author who all write the book in such incredible way makes the content interior easier to understand, entertaining way but still convey the meaning totally. So , it is good for you for not hesitating having this any more or you going to regret it. This amazing book will give you a lot of rewards than the other book get such as help improving your ability and your critical thinking method. So , still want to delay having that book? If I ended up you I will go to the guide store hurriedly.

**Mamie Contreras:**

Do you have something that suits you such as book? The book lovers usually prefer to select book like comic, limited story and the biggest the first is novel. Now, why not seeking Principles of Plant Genetics and Breeding that give your fun preference will be satisfied by means of reading this book. Reading addiction all over the world can be said as the opportunity for people to know world much better then how they react when it comes to the world. It can't be said constantly that reading habit only for the geeky man or woman but for all of you who wants to always be success person. So , for all of you who want to start studying as your good habit, it is possible to pick Principles of Plant Genetics and Breeding become your personal starter.

**Jessica Palmer:**

A lot of publication has printed but it is different. You can get it by net on social media. You can choose the most effective book for you, science, comic, novel, or whatever by simply searching from it. It is named of book Principles of Plant Genetics and Breeding. You can contribute your knowledge by it. Without leaving behind the printed book, it might add your knowledge and make a person happier to read. It is most crucial that, you must aware about guide. It can bring you from one destination to other place.

**Download and Read Online Principles of Plant Genetics and Breeding By George Acquaaah #D8SBF4RUHYI**

## **Read Principles of Plant Genetics and Breeding By George Acquah for online ebook**

Principles of Plant Genetics and Breeding By George Acquah Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read Principles of Plant Genetics and Breeding By George Acquah books to read online.

### **Online Principles of Plant Genetics and Breeding By George Acquah ebook PDF download**

**Principles of Plant Genetics and Breeding By George Acquah Doc**

**Principles of Plant Genetics and Breeding By George Acquah Mobipocket**

**Principles of Plant Genetics and Breeding By George Acquah EPub**