



Genetic and Genomic Resources of Grain Legume Improvement: 6. Cowpea

Ousmane Boukar, Ranjana Bhattacharjee, Christian Fatokun, P. Lava Kumar, Badara Gueye

Download now

[Click here](#) if your download doesn't start automatically

Genetic and Genomic Resources of Grain Legume Improvement: 6. Cowpea

Ousmane Boukar, Ranjana Bhattacharjee, Christian Fatokun, P. Lava Kumar, Badara Gueye

Genetic and Genomic Resources of Grain Legume Improvement: 6. Cowpea Ousmane Boukar, Ranjana Bhattacharjee, Christian Fatokun, P. Lava Kumar, Badara Gueye

Cowpea (*Vigna unguiculata*), an indigenous legume to sub-Saharan Africa, is mainly grown in the dry savanna areas as an intercrop with millets, sorghum, groundnut and maize. Cowpea grains rich in protein are consumed in different forms in several parts of the tropics. The average grain yield of cowpea in West Africa is approximately 492kg/ha, which is much lower than its potential yields. This low productivity is due to a host of diseases, insects, pests, parasitic weeds, drought, poor soils and low plant population density in farmers' fields. Ex situ collection of over 15,000 accessions of cowpea and wild *Vigna* germplasm from different parts of the world were assembled in the IITA gene bank. These genetic resources have been explored to identify new traits and to develop elite cowpea varieties. Many cowpea varieties with high yield potential have been developed and adopted by the farmers. Efforts are continuing to develop better performing varieties using conventional breeding procedures, while molecular tools are being developed to facilitate progress in cowpea breeding.

 [Download Genetic and Genomic Resources of Grain Legume Impr ...pdf](#)

 [Read Online Genetic and Genomic Resources of Grain Legume Im ...pdf](#)

Download and Read Free Online Genetic and Genomic Resources of Grain Legume Improvement: 6. Cowpea Ousmane Boukar, Ranjana Bhattacharjee, Christian Fatokun, P. Lava Kumar, Badara Gueye

From reader reviews:

Alma Miranda:

Why don't make it to become your habit? Right now, try to prepare your time to do the important work, like looking for your favorite reserve and reading a reserve. Beside you can solve your problem; you can add your knowledge by the reserve entitled Genetic and Genomic Resources of Grain Legume Improvement: 6. Cowpea. Try to stumble through book Genetic and Genomic Resources of Grain Legume Improvement: 6. Cowpea as your buddy. It means that it can for being your friend when you experience alone and beside those of course make you smarter than before. Yeah, it is very fortunated for you. The book makes you considerably more confidence because you can know every little thing by the book. So , let us make new experience as well as knowledge with this book.

Patricia Gallagher:

This Genetic and Genomic Resources of Grain Legume Improvement: 6. Cowpea book is just not ordinary book, you have it then the world is in your hands. The benefit you receive by reading this book is usually information inside this book incredible fresh, you will get data which is getting deeper you actually read a lot of information you will get. This specific Genetic and Genomic Resources of Grain Legume Improvement: 6. Cowpea without we understand teach the one who reading it become critical in considering and analyzing. Don't become worry Genetic and Genomic Resources of Grain Legume Improvement: 6. Cowpea can bring once you are and not make your bag space or bookshelves' grow to be full because you can have it inside your lovely laptop even mobile phone. This Genetic and Genomic Resources of Grain Legume Improvement: 6. Cowpea having great arrangement in word as well as layout, so you will not sense uninterested in reading.

Jeffrey Blough:

Reading a reserve tends to be new life style with this era globalization. With studying you can get a lot of information which will give you benefit in your life. Along with book everyone in this world can share their idea. Books can also inspire a lot of people. Lots of author can inspire their particular reader with their story as well as their experience. Not only situation that share in the books. But also they write about the ability about something that you need instance. How to get the good score toefl, or how to teach your kids, there are many kinds of book that you can get now. The authors on earth always try to improve their talent in writing, they also doing some research before they write to the book. One of them is this Genetic and Genomic Resources of Grain Legume Improvement: 6. Cowpea.

Latashia Bartlett:

Don't be worry when you are afraid that this book may filled the space in your house, you can have it in e-book technique, more simple and reachable. That Genetic and Genomic Resources of Grain Legume

Improvement: 6. Cowpea can give you a lot of good friends because by you taking a look at this one book you have factor that they don't and make a person more like an interesting person. This particular book can be one of a step for you to get success. This e-book offer you information that might be your friend doesn't understand, by knowing more than some other make you to be great men and women. So , why hesitate? We need to have Genetic and Genomic Resources of Grain Legume Improvement: 6. Cowpea.

Download and Read Online Genetic and Genomic Resources of Grain Legume Improvement: 6. Cowpea Ousmane Boukar, Ranjana Bhattacharjee, Christian Fatokun, P. Lava Kumar, Badara Gueye #V4QB8T0DUCR

Read Genetic and Genomic Resources of Grain Legume Improvement: 6. Cowpea by Ousmane Boukar, Ranjana Bhattacharjee, Christian Fatokun, P. Lava Kumar, Badara Gueye for online ebook

Genetic and Genomic Resources of Grain Legume Improvement: 6. Cowpea by Ousmane Boukar, Ranjana Bhattacharjee, Christian Fatokun, P. Lava Kumar, Badara Gueye 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 Genetic and Genomic Resources of Grain Legume Improvement: 6. Cowpea by Ousmane Boukar, Ranjana Bhattacharjee, Christian Fatokun, P. Lava Kumar, Badara Gueye books to read online.

Online Genetic and Genomic Resources of Grain Legume Improvement: 6. Cowpea by Ousmane Boukar, Ranjana Bhattacharjee, Christian Fatokun, P. Lava Kumar, Badara Gueye ebook PDF download

Genetic and Genomic Resources of Grain Legume Improvement: 6. Cowpea by Ousmane Boukar, Ranjana Bhattacharjee, Christian Fatokun, P. Lava Kumar, Badara Gueye Doc

Genetic and Genomic Resources of Grain Legume Improvement: 6. Cowpea by Ousmane Boukar, Ranjana Bhattacharjee, Christian Fatokun, P. Lava Kumar, Badara Gueye Mobipocket

Genetic and Genomic Resources of Grain Legume Improvement: 6. Cowpea by Ousmane Boukar, Ranjana Bhattacharjee, Christian Fatokun, P. Lava Kumar, Badara Gueye EPub