

1. Record Nr.	UNINA9910141468303321
Titolo	Improving crop productivity in sustainable agriculture [[electronic resource] /] / edited by Narendra Tuteja, Sarvajeet Singh Gill, and Renu Tuteja
Pubbl/distr/stampa	Weinheim, : Wiley-Blackwell, 2013
ISBN	3-527-66533-1 1-299-15780-7 3-527-66518-8 3-527-66519-6
Descrizione fisica	1 online resource (552 p.)
Altri autori (Persone)	TutejaNarendra GillSarvajeet Singh TutejaRenu
Disciplina	630 631.558
Soggetti	Sustainable agriculture Agricultural ecology Agricultural productivity
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	pt. 1. Climate change and abiotic stress factors -- pt. 2. Methods to improve crop productivity -- pt. 3. Species-specific case studies.
Sommario/riassunto	An up-to-date overview of current progress in improving crop quality and quantity using modern methods. With a particular emphasis on genetic engineering, this text focusses on crop improvement under adverse conditions, paying special attention to such staple crops as rice, maize, and pulses. Improving Crop Productivity in Sustainable Agriculture includes an excellent mix of specific examples, such as the creation of nutritionally-fortified rice and a discussion of the political and economic implications of genetically engineered food. The result is a must-have hands-on