1. Record Nr. UNINA9910800186403321

Titolo	Climate dynamics in horticultural science / / edited by M.L. Choudhary, PhD, V.B. Patel, PhD, Mohammed Wasim Siddiqui, PhD, and Syed Sheraz Mahdi, PhD
Pubbl/distr/stampa	Boca Raton : , : CRC Press, , [2015] ©2015
ISBN	1-77463-098-2 0-429-17378-4 1-4987-0130-2
Descrizione fisica	1 online resource (370 p.)
Disciplina	630.12093458
Soggetti	Crops and climate Horticultural crops
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 at the end of each chapters.
Nota di contenuto	Cover; About the Editors; Contents; List of Contributors; List of Abbreviations; Preface; Chapter 1: Global Climate Change and Indian Horticulture; Chapter 2: Climate Change Prediction: Uncertainties and Accuracies; Chapter 3: Climate Change and Rainfed Horticulture; Chapter 4: Climate Resilient Horticulture Based Agrarian Livelihood in the Eastern Region; Chapter 5: Climate Resilient Horticulture for North Eastern India; Chapter 6: Climatic Issues Affecting Sustainable Litchi (Litchi chinensis Sonn.) Production in Eastern India; Chapter 7: Climate Change Resilient Island Horticulture Chapter 8: Global Climate Change: Myth, Reality and MitigationChapter 9: Nanotechnology, Plant Nutrition and Climate Change; Chapter 10: Phytopathosystem Modification in Response to Climate Change; Chapter 11: Soil Fertility Dynamics vis-a-vis Climate Change in Citrus; Chapter 12: Soil Solarization and Moisture Conservation Practices to Combat Climate Change; Chapter 13: BiocharTechnology for Sustainable Horticulture; Chapter 14: Mycorrhizal Fungi in Sustainable Horticultural Production under Changing Climate Situations; Chapter 15: Impact of Climate Change on Plant Pathogens

Chapter 16: Quality of Fruits in the Changing ClimateChapter 17: Homa Therapy an Effective Tool in Mitigating Soil, Water and Environmental Crises; Chapter 18: Awareness about Climate Change: Perception and Action; Chapter 19: Climate Change and Indian Agriculture; Chapter 20: Climate Change: Impact on Pollinators' Biodiversity in Vegetable Crops; Chapter 21: Climate Change Impacts on Field and Horticultural Crops with Special Reference to Bihar, Possible Adaptation Strategies and Mitigation Options; Back Cover

Sommario/riassunto

Climate change and increased climate variability in terms of rising temperatures, shifting rainfall patterns, and increasing extreme weather events, such as severe drought and devastating floods, pose a threat to the production of agricultural and horticultural crops-a threat this is expected to worsen. Climate change is already affecting-and is likely to increase-invasive species, pests, and disease vectors, all adversely affecting agri-horticultural crop productivity. Advances in agricultural knowledge, science, and technology will be required to develop improved crop traits, such as tempera