

1. Record Nr.	UNINA9910809681103321
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	1-77463-097-4 0-429-17385-7 1-77188-031-7
Descrizione fisica	1 online resource (406 p.)
Disciplina	630.1092358
Soggetti	Horticulture Horticultural crops - Climatic factors Climatic changes
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	Front Cover; About The Editors; Contents; List Of Contributors; List Of Abbreviations; List Of Symbols; Preface; Chapter 1 Hi-tech Horticulture And Climate Change; Chapter 2 Climate Change And Fruit Production; Chapter 3 Climate Change: Impact On Productivity And Quality Of Temperate Fruits And Its Mitigation Strategies; Chapter 4 Impact Of Changing Climate on Productivity Of Apple In Himalayas: Urgent Need For mitigation Of Hail Damage Chapter 5 Empirical Appraisal Of Some Weather Parameters' Dynamics For Their Possible Implications On Mango Production In Some Important Mango Growing Regions With Special Reference To Lucknow Region Of Uttar Pradesh Chapter 6 Prospects Of Cashew Cultivation Under Changing Climatic Conditions; Chapter 7 Protected Cultivation Technologies For Vegetable Cultivation Under Changing Climatic Conditions; Chapter 8 Climate Change And Its Impact On Productivity And Bioactive Health Compounds Of Vegetable Crops Chapter 9 Functional Physiology In Drought Tolerance Of Vegetable Crops-an Approach To Mitigate Climate Change Impact Chapter 10

Harnessing Heat Stress In Vegetable Crops Towards Mitigating Impacts Of Climate Change; Chapter 11 Climate Change Impact On black Pepper And Cardamom; Chapter 12 Climate Change: Threat To Floriculture; Chapter 13 Climate Change: Breeding Strategies To Mitigate Abiotic Stress In Ornamental Crops; Chapter 14 Bamboo And Sustainable Development With Climate Change: Opportunities And Challenges
Chapter 15 Climate Change Effects On fruit Quality And Post-harvest Management Practices
Chapter 16 Eco-friendly Postharvest Treatments For Fruits; Chapter 17 Effect Of Climate Change On Postharvest Quality Of Fruits; Chapter 18 Impact Of Climate Change On Food Safety; Chapter 19 Climate Change, Food Security, And Livelihood Opportunities In Mountain Agriculture; 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
