

1. Record Nr.	UNINA9910446348703321
Titolo	Plant cold hardiness : from the laboratory to the field // edited by Lawrence V. Gusta, Michael E. Wisniewski and Karen K. Tanino
Pubbl/distr/stampa	Wallingford Oxfordshire, UK ; ; Cambridge, MA, : CABI, c2009
ISBN	1-282-49983-1 9786612499838 1-84593-514-4
Edizione	[1st ed.]
Descrizione fisica	1 online resource (335 p.)
Altri autori (Persone)	GustaLawrence V TaninoKaren K WisniewskiMichael E
Disciplina	632/.11
Soggetti	Plants - Effect of cold on Plant physiology
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	Contents; Contributors; Preface; PART 1: THE FREEZING PROCESS; PART 2: MOLECULAR BASIS FOR THE ACQUISITION OF FREEZING TOLERANCE; PART 3: LINKAGE BETWEEN DEVELOPMENTAL ARREST AND COLD HARDINESS; PART 4: GENETIC BASIS OF SUPERIOR COLD TOLERANCE; PART 5: IMPACT OF GLOBAL CLIMATE CHANGE ON PLANTS; The Colour Plate Section; PART 6: FROM THE LABORATORY TO THE FIELD: BRIDGING THE GAP; PART 7: PHOTOSYNTHESIS AND SIGNALLING; PART 8: SYSTEMS BIOLOGY; Index
Sommario/riassunto	Presenting the research on the effects of cold and sub-zero temperatures on plant distribution, growth and yield, this comprehensive title contains chapters covering basic molecular science to broad ecological studies on the impact of global warming, and an industry perspective on transgenic approaches to abiotic stress tolerance.