1. Record Nr. UNINA9910317747803321 Autore Kourosh Vahdati Titolo Abiotic Stress: Plant Responses and Applications in Agriculture // edited by Kourosh Vahdati and Charles Leslie Pubbl/distr/stampa IntechOpen, 2013 Rijeka, Croatia:,: IntechOpen,, 2013 ©2013 **ISBN** 953-51-4254-2 Edizione [1st ed.] Descrizione fisica 1 online resource (420 pages) : illustrations 581.7 Disciplina Plants - Effect of stress on Soggetti Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia ""This book is not intended to cover all known abiotic stresses or every Sommario/riassunto possible technique used to understand plant tolerance but, instead, to describe some of the widely used approaches to addressing such major abiotic stresses as drought, salinity, extreme temperature, cold, light, calcareous soils, excessive irradiation, ozone, ultraviolet radiation, and flooding, and to describe major or newly emerging techniques employed in understanding and improving plant tolerance. Among the strategies for plant stress survival, examples of both avoidance and tolerance are presented in detail and comprehensive case studies of progress and directions in several agricultural crops such as apple,

walnut, grape and wheat are included.""