Record Nr.	UNINA9910140947703321
Titolo	Nitrogen metabolism in plants in the post-genomic era [[electronic resource] /] / edited by Christine Foyer, Hanma Zhang
Pubbl/distr/stampa	Ames, Iowa, : Blackwell, 2010
ISBN	1-282-78372-6 9786612783722 1-4443-2860-3 1-4443-2861-1
Edizione	[1st ed.]
Descrizione fisica	1 online resource (386 p.)
Collana	Annual plant reviews ; ; v. 42
Altri autori (Persone)	FoyerChristine H ZhangHanma
Disciplina	572.5452 572/.5452 580.5
Soggetti	Nitrogen - Metabolism Nitrogen-fixing plants - Metabolism
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	ANNUAL PLANT REVIEWS VOLUME 42; CONTENTS; Contributors; Preface; 1 Nitrogen Assimilation and its Relevance to Crop Improvement; 2 Transcriptional Profiling Approaches for Studying Nitrogen Use Efficiency; 3 Energetics of Nitrogen Acquisition; 4 Transport Systems for NO- and NH+; 5 Nitric Oxide Synthase-Like Activities in Plants; 6 Nitrate Reductase and Nitric Oxide; 7 Nitric Oxide Signalling in Plants: Cross-Talk With Ca2+, Protein Kinases and Reactive Oxygen Species; 8 Theanine: Its Occurrence and Metabolism in Tea 9 Legume Nitrogen Fixation and Soil Abiotic Stress: From Physiology to Genomics and Beyond10 Metabolomics Approaches to Advance Understanding of Nitrogen Assimilation and Carbon-Nitrogen Interactions; 11 Morphological Adaptations of Arabidopsis Roots to Nitrogen Supply: 12 Mitochondrial Redox State, Nitrogen Metabolism

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The field of plant nitrogen metabolism continues to be a compelling focus for basic research activities because there is a strong demand for immediate solutions, particularly in key areas, such as improving plant nitrogen use efficiency, which are crucial to future agricultural sustainability and the future economic success of agriculture. The 13 reviews which comprise this excellent and carefully edited new volume bring together the expertise and enthusiasm of an international team of leading researchers. Topics covered include nitrogen sensing and