

1. Record Nr.	UNINA9910141485403321
Titolo	Soil conditions and plant growth [[electronic resource] /] / edited by Peter J. Gregory, Stephen Nortcliff
Pubbl/distr/stampa	Hoboken [N.J.], : Wiley-Blackwell, 2013
ISBN	1-118-33729-8 1-299-18128-7 1-118-33731-X 1-118-33728-X
Descrizione fisica	1 online resource (498 p.)
Altri autori (Persone)	GregoryP. J NortcliffStephen
Disciplina	631.4
Soggetti	Soil science Crops and soils Plant-soil relationships Sòls Edafologia Conreus i sòls Sòl, Ús agrícola del - Planificació Relacions planta-sòl
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	The historical development of studies on soil-plant interactions -- Plant and crop science -- Soil fertility -- Soil organic matter -- Nitrogen and phosphorus cycles and their management -- Properties and management of cationic elements for crop growth -- Managing adverse soil chemical environments -- Managing the soil physical environment for plants -- Soil water and its management -- Plant-induced changes of soil processes and properties -- Sustainable management of soil and plant health by optimising soil biological function -- Managing the soil-plant system for the delivery of ecosystem services -- The new challenge: sustainable production in a changing environment.

Sommario/riassunto

Building on the extremely successful and popular Russell's Soil Conditions and Plant Growth, Wiley-Blackwell is pleased to publish this completely revised and updated edition of the soil science classic. Covering all aspects of the interactions between plant and soil, Peter Gregory and Stephen Nortcliff, along with their team of internationally-known and respected authors, provide essential reading for all students and professionals studying and working in agriculture and soil science. Subject areas covered range from crop science and genetics; soil fertility and organic matter
