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Soggetti	Plant ecology Systems biology Agriculture Plant anatomy Plant development Plant biochemistry Plant physiology Plant Ecology Systems Biology Plant Anatomy/Development Plant Biochemistry Plant Physiology
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Nota di contenuto	Preface -- Use of Mulches in Agriculture: Introduction and Concepts -- Mulches for Weed Control -- Mulches for Pest and Disease Management -- Mulches for Soil and Water Conservation -- Mulches for Enhancing Biological Activities in Soil -- Mulches for regulation of Soil Temperature -- Mulches for Nutrient Addition to Soil -- Index.
Sommario/riassunto	This book provides the concepts, techniques, and recent developments with regard to use of mulches in agriculture, utility of mulches for non-chemical pest control, and sustainability of crop production systems. Non-conventional means of improving the sustainability of crop production and pest control are required in the wake of environmental

concerns over the use of conventional pesticides as well as the intensive use of land resources. Mulches have been used in agriculture for various purposes; however, there has been an increase in their use more recently, and scientists around the world have conducted more research to explore the benefits of mulching in various agricultural systems. Mulches have been found advantageous in non-chemical pest control, soil and water conservation, improving fertility, and improving microbial activities in the soil. While this is a topic of current importance, the information use of mulches in agricultural fields is rarely compiled in one comprehensive location to provide a full account of various aspects of mulches and their utility. This book will be helpful for researchers, growers, and students.
