

# Contents

<b>1 The World of Platiculture</b> .....	1
Pasquale Mormile, Noam Stahl and Mario Malinconico	
<b>2 Biodegradable and Biobased Plastics: An Overview</b> .....	23
Ramani Narayan	
<b>3 Biodegradable Materials in Agriculture: Case Histories and Perspectives</b> .....	35
Sara Guerrini, Giorgio Borreani and Henk Voojjs	
<b>4 Agronomic Effects of Biodegradable Films on Crop and Field Environment</b> .....	67
Lluís Martín-Closas, Joan Costa and Ana M. Pelacho	
<b>5 Biodegradable Spray Mulching and Nursery Pots: New Frontiers for Research</b> .....	105
Gabiella Santagata, Evelia Schettini, Giuliano Vox, Barbara Immirzi, Giacomo Scarascia Mugnozza and Mario Malinconico	
<b>6 Standards for Soil Biodegradable Plastics</b> .....	139
Demetres Briassoulis and Francesco Degli Innocenti	
<b>7 Life Cycle and Environmental Cycle Assessment of Biodegradable Plastics for Agriculture</b> .....	169
Francesco Razza and Alessandro K. Cerutti	

Soil Degradable Bioplastics for a Sustainable Modern  
Agriculture

Malinconico, M. (Ed.)

2017, X, 185 p. 56 illus., 51 illus. in color., Hardcover

ISBN: 978-3-662-54128-9