

Contents

<i>List of Contributors</i>	xi
<i>Series Preface</i>	xiii
<i>Preface</i>	xv
<i>Acknowledgements</i>	xvi
<i>Abbreviations and Terms</i>	xvii

Part I Transformation of Soil Microorganisms

1 <i>Pseudomonas</i>	3
<i>Gareth Warren, Joyce Loper, Dallice Mills and Linda Thomashow</i>	
2 <i>Nocardioform and Coryneform Bacteria</i>	10
<i>Jan Desomer and Marc Van Montagu</i>	
3 <i>Agrobacterium, Rhizobium, and Other Gram-Negative Soil Bacteria</i>	23
<i>Alan G. Atherly</i>	
4 <i>Filamentous Fungi</i>	34
<i>Gustavo H. Goldman, Marc Van Montagu and Alfredo Herrera-Estrella</i>	

Part II Transformation of Cereal Crops

5 <i>Rice Transformation: Methods and Applications</i>	53
<i>Junko Kyoizuka and Ko Shimamoto</i>	
6 <i>Maize</i>	65
<i>H. Martin Wilson, W. Paul Bullock, Jim M. Dunwell, J. Ray Ellis, Bronwyn Frame, James Register III, and John A. Thompson</i>	
7 <i>Barley, Wheat, Oat and Other Small-Grain Cereal Crops</i>	81
<i>Ralf R. Mendel and Teemu H. Teeri</i>	

Part III Transformation of Industrially Important Crops

8 <i>Leguminous Plants</i>	101
<i>Jack M. Widholm</i>	
9 <i>Spring and Winter Rapeseed Varieties</i>	125
<i>Philippe Guerche and Catherine Primard</i>	

x	CONTENTS	
10	Sunflower <i>Günther Hahne</i>	137
11	Forest Trees <i>Ronald R. Sederoff</i>	150
	<i>Index</i>	164