

# Contents

<b>1 Drought and Salt Stress in Cereals</b> .....	1
Linda Mondini and Mario Augusto Pagnotta	
<b>2 Precision Nitrogen Management for Sustainable Corn Production</b> .....	33
Bao-Luo Ma and Dilip Kumar Biswas	
<b>3 Soil and Crop Management for Sustainable Agriculture</b> .....	63
Sandeep Kumar, Rajesh Chintala, Jai S. Rohila, Thomas Schumacher, Aakash Goyal, and Eric Mbonimpa	
<b>4 Rice Pest Management and Biological Control</b> .....	85
Shah Fahad, Lixiao Nie, Saddam Hussain, Fahad Khan, Faheem Ahmed Khan, Shah Saud, Haji Muhammad, Liuyong Li, Xi Liu, Adnan Tabassum, Chao Wu, Dongliang Xiong, Kehui Cui, and Jianliang Huang	
<b>5 Sustainable Rice Production</b> .....	107
Gurbir S. Bhullar	
<b>6 Rice, Wheat and Maize Biofortification</b> .....	123
Debjyoti Sen Gupta, Dil Thavarajah, Lukshman J. Ekanayake, Casey Johnson, Darshika Amarakoon, and Shiv Kumar	
<b>7 Sorghum Fungal Diseases</b> .....	141
Isha Sharma, Nilima Kumari, and Vinay Sharma	

<b>8 Sorghum for Health and Business .....</b>	<b>173</b>
Kuyyamudi Nanaiah Ganapathy, Benhur Dayakar Rao, Sujay Rakshit, Belaghihalli Nanjappa Gnanesh, and Jagannath Vishnu Patil	
<b>9 Sorghum and Millet Seed Systems in Southern Africa.....</b>	<b>197</b>
Medson Chisi	
<b>Index.....</b>	<b>213</b>