

Contents

<i>List of figures</i>	vii
<i>List of tables</i>	x
<i>About the editor</i>	xiii
<i>List of contributors</i>	xiv
<i>Preface to the series</i>	xvi
<i>Preface</i>	xviii
1 <i>Capsicum</i> : historical and botanical perspectives	1
SAIKAT KUMAR BASU AND AMIT KRISHNA DE	
2 A glimpse of the world trade in <i>Capsicum</i>	16
P. S. S. THAMPI	
3 Chemistry and quality control of <i>Capsicums</i> and <i>Capsicum</i> products	25
J. S. PRUTHI	
4 Pungency principles in <i>Capsicum</i> – analytical determinations and toxicology	71
P. MANIRAKIZA, A. COVACI AND P. SCHEPENS	
5 Biosynthesis of capsaicinoids in <i>Capsicum</i>	87
KEIKO ISHIKAWA	
6 Biotechnological studies on <i>Capsicum</i> for metabolite production and plant improvement	96
G. A. RAVISHANKAR, B. SURESH, P. GIRIDHAR, S. RAMACHANDRA RAO AND T. SUDHAKAR JOHNSON	
7 Irrigational aspects of <i>Capsicum</i>	129
L. B. NAIK	
8 The cultivation and processing of <i>Capsicum</i> in India	139
K. V. PETER, P. INDIRA AND C. MINI	
9 The preservation and production of <i>Capsicum</i> in Hungary	144
NORBERT SOMOGYI, MOÓR ANDREA AND PÉK MIKLÓS	
10 Post-harvest handling and processing of <i>Capsicums</i>	163
V. PRAKASH AND W. E. EIPESON	

11	Advances in post-harvest processing technologies of <i>Capsicum</i>	175
	J. S. PRUTHI	
12	The storage of <i>Capsicum</i>	214
	H. S. YOGESHHA AND RAME GOWDA	
13	Current requirements on paprika powder for food industry	223
	H. J. BUCKENHÜSKES	
14	Adulterants, contaminants and pollutants in <i>Capsicum</i> products	231
	J. CHAKRABARTI AND B. R. ROY	
15	Colour differences in peppers and paprikas	236
	RICARDO GÓMEZ-LADRÓN DE GUEVARA, JOSÉ E. PARDO-GONZÁLEZ, ANDRÉS ALVARRUIZ-BERMEJO, MANUEL GONZÁLEZ-RAMOS AND RAMÓN VARÓN-CASTELLANOS	
16	Future perspectives of capsaicin research	248
	J. SZOLCSÁNYI	
		271