# Table of contents

Glossary 17

Preface 19

## Part I. Introduction

### Introduction and outline

1. Subject matter 23
2. Public policies 24
3. Scientific approaches 26
4. Approach and outline of the book 27
   References 28

### 1. European integration and its relevance for agriculture, food and rural areas

Abstract 29

1.1 Agriculture: a frontrunner or obstacle in the processes of European integration? 29
1.2 Historical development of EU policies for agriculture, food and rural areas 30
1.3 Other related European policies 36
1.4 New emphases and priorities 38
1.5 International dimension 40
   References 40

## Part II. Institutional framework

### 2. EU institutions and decision-making processes

Abstract 43

2.1 Introduction 43
2.2 The Council of the European Union 46
2.3 The European Commission 51
2.4 The European Parliament 54
2.5 The Court of Justice and the Court of Auditors 59
2.6 Decision-making, implementation and scrutiny 60
2.7 Lobbying 68
2.8 Summary of the new elements from the Lisbon Treaty 69
   References 72
# Table of contents

3. The EU budget 73

   Abstract 73
   3.1 Introduction 73
   3.2 Financial frameworks 74
   3.3 Growing financial discipline 79
   3.4 ‘Budget imbalances’ and budgetary reforms 82
   3.5 Conclusions 86
   References 86

4. The WTO context 89

   Abstract 89
   4.1 Introduction 89
   4.2 WTO: a historical perspective (1948-1994) 90
   4.3 WTO rules for agriculture, food and environment 91
   4.4 The WTO as an organisation 98
   4.5 Doha Development Agenda (1999-present) 99
   4.6 Conclusions 101
   References 101

4A. Genetically modified organisms (GMOs) and EU agriculture and food policy 103

   Abstract 103
   4A.1 Introduction 103
   4A.2 The GMO industry 104
   4A.3 GMOs and the EU 104
   4A.4 Conclusions 106
   References 107

4B. European standards in trade and development 109

   Abstract 109
   4B.1 EU public and private standards 109
   4B.2 Food standards as barriers and catalysts for developing country exports 110
   4B.3 EU public and private standards and development 111
   References 114
5. Developing countries and EU agricultural and food policy:
  opportunities and threats 117
    Abstract 117
    5.1 Introduction 117
    5.2 Developing countries and EU agricultural trade flows 118
    5.3 EU response to criticisms of the CAP 121
    5.4 Welfare effects of agricultural trade liberalisation 125
    5.5 Increased market access: diverging welfare effects for developing
countries 128
    5.6 Recent developments 130
    5.7 Conclusions 132
    References 133

6. Public and private roles in agri-food and rural policy-making 135
    Abstract 135
    6.1 Introduction 135
    6.2 Framework of analysis 136
    6.3 Public and private standards in the agri-food sector 140
    6.4 Public and private roles in rural policy 142
    6.5 Conclusions 144
    References 144

Part III. Agriculture

7. Agriculture and the food chain 149
    Abstract 149
    7.1 Introduction 149
    7.2 The food chain from an agricultural perspective 150
    7.3 Value added in agriculture 151
    7.4 Sharing the pie 153
    7.5 The changing position of agriculture and food 154
    7.6 An analytical framework 156
    7.7 The role of policies 161
    References 163
    Appendix 164
# 8. Market, price and quota policy: half a century of CAP experience

<table>
<thead>
<tr>
<th>Section</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Abstract</td>
<td>165</td>
</tr>
<tr>
<td>8.1 Introduction</td>
<td>165</td>
</tr>
<tr>
<td>8.2 Agricultural market and price policy</td>
<td>166</td>
</tr>
<tr>
<td>8.3 Principles</td>
<td>169</td>
</tr>
<tr>
<td>8.4 Classic market regulations</td>
<td>170</td>
</tr>
<tr>
<td>8.5 Reform of the market organisations</td>
<td>172</td>
</tr>
<tr>
<td>8.6 The single common market organisation</td>
<td>179</td>
</tr>
<tr>
<td>8.7 Market and price policy in future years</td>
<td>180</td>
</tr>
<tr>
<td>References</td>
<td>182</td>
</tr>
</tbody>
</table>

# 8A. Private market and price stabilisation methods

<table>
<thead>
<tr>
<th>Section</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Abstract</td>
<td>183</td>
</tr>
<tr>
<td>8A.1 Policy reform, globalisation and price risk management challenges</td>
<td>183</td>
</tr>
<tr>
<td>8A.2 Income stabilisation methods: the role of futures and forward contracts</td>
<td>185</td>
</tr>
<tr>
<td>8A.3 Forward contracts</td>
<td>187</td>
</tr>
<tr>
<td>8A.4 Private markets and market policy</td>
<td>188</td>
</tr>
<tr>
<td>References</td>
<td>189</td>
</tr>
</tbody>
</table>

# 9. Direct income support and cross-compliance

<table>
<thead>
<tr>
<th>Section</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Abstract</td>
<td>191</td>
</tr>
<tr>
<td>9.1 Introduction</td>
<td>191</td>
</tr>
<tr>
<td>9.2 Direct income support, decoupling and cross-compliance</td>
<td>192</td>
</tr>
<tr>
<td>9.3 The Single Payment Scheme</td>
<td>195</td>
</tr>
<tr>
<td>9.4 Cross-compliance in more detail</td>
<td>198</td>
</tr>
<tr>
<td>9.5 The way ahead</td>
<td>202</td>
</tr>
<tr>
<td>References</td>
<td>204</td>
</tr>
</tbody>
</table>

# 9A. The bond scheme

<table>
<thead>
<tr>
<th>Section</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Abstract</td>
<td>207</td>
</tr>
<tr>
<td>9A.1 Introduction</td>
<td>207</td>
</tr>
<tr>
<td>9A.2 Characteristics of a bond scheme</td>
<td>208</td>
</tr>
<tr>
<td>9A.3 Advantages and disadvantages</td>
<td>209</td>
</tr>
<tr>
<td>9A.4 Contrasts with the Single Payment Scheme</td>
<td>210</td>
</tr>
<tr>
<td>9A.5 A future bond scheme?</td>
<td>211</td>
</tr>
<tr>
<td>References</td>
<td>211</td>
</tr>
<tr>
<td>10. <strong>Agricultural multifunctionality, trade liberalisation and Europe's new land debate</strong></td>
<td>213</td>
</tr>
<tr>
<td>---</td>
<td>---</td>
</tr>
<tr>
<td>Abstract</td>
<td>213</td>
</tr>
<tr>
<td>10.1 Introduction</td>
<td>213</td>
</tr>
<tr>
<td>10.2 Multifunctionality as an attribute of contemporary agriculture</td>
<td>214</td>
</tr>
<tr>
<td>10.3 Multifunctionality in the CAP</td>
<td>215</td>
</tr>
<tr>
<td>10.4 Contesting multifunctionality in the WTO</td>
<td>217</td>
</tr>
<tr>
<td>10.5 Europe's new land debate</td>
<td>219</td>
</tr>
<tr>
<td>10.6 Conclusions</td>
<td>221</td>
</tr>
<tr>
<td>References</td>
<td>221</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>11. <strong>Animal health policy</strong></th>
<th>223</th>
</tr>
</thead>
<tbody>
<tr>
<td>Abstract</td>
<td>223</td>
</tr>
<tr>
<td>11.1 Introduction</td>
<td>223</td>
</tr>
<tr>
<td>11.2 The EU framework for animal health</td>
<td>224</td>
</tr>
<tr>
<td>11.3 EU animal health strategy: a fresh approach</td>
<td>228</td>
</tr>
<tr>
<td>11.4 Conclusions</td>
<td>232</td>
</tr>
<tr>
<td>References</td>
<td>233</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>12. <strong>Plant health policy</strong></th>
<th>235</th>
</tr>
</thead>
<tbody>
<tr>
<td>Abstract</td>
<td>235</td>
</tr>
<tr>
<td>12.1 Introduction</td>
<td>235</td>
</tr>
<tr>
<td>12.2 Plant pests, their consequences and need for regulation</td>
<td>236</td>
</tr>
<tr>
<td>12.3 The international framework on plant health policy</td>
<td>237</td>
</tr>
<tr>
<td>12.4 Plant health policy within the European Union</td>
<td>239</td>
</tr>
<tr>
<td>12.5 Future developments and challenges</td>
<td>241</td>
</tr>
<tr>
<td>References</td>
<td>242</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>13. <strong>Animal welfare policy in the European Union</strong></th>
<th>243</th>
</tr>
</thead>
<tbody>
<tr>
<td>Abstract</td>
<td>243</td>
</tr>
<tr>
<td>13.1 Introduction</td>
<td>243</td>
</tr>
<tr>
<td>13.2 Development of EU animal welfare legislation</td>
<td>244</td>
</tr>
<tr>
<td>13.3 Policy issues</td>
<td>246</td>
</tr>
<tr>
<td>13.4 Policy options</td>
<td>248</td>
</tr>
<tr>
<td>References</td>
<td>251</td>
</tr>
</tbody>
</table>
**Part IV. Food**

14. Consumers and EU agricultural and food policies  
   Abstract  
   14.1 Introduction  
   14.2 Changing consumers, changing concerns  
   14.3 Changing policy priorities  
   14.4 The political economy of the common agricultural policy  
   14.5 Consumers and the political economy of food standards  
   14.6 Conclusions  
   References  

15. The General Food Law and EU food legislation  
   Abstract  
   15.1 Introduction  
   15.2 In search of a European power to regulate food  
   15.3 Development of EU food law  
   15.4 Analysis of EU food law  
   15.5 Debate and conclusions  
   References  

16. Food quality, food safety and certification  
   Abstract  
   16.1 Introduction  
   16.2 Food quality and food safety  
   16.3 Certification and certification schemes  
   16.4 Food safety standards  
   16.5 Organisation and legislation  
   16.6 Implications for producers, chains and consumers  
   16.7 Conclusions  
   References  

17. The New Food Economy  
   Abstract  
   17.1 Introduction  
   17.2 The New Food Economy and ICT  
   17.3 ICT-related technologies and the food sector  
   17.4 Developments in European society  
   17.5 Implications for industry  
   17.6 Implications for policy  
   17.7 Conclusions  
   References
# Part V. Rural areas

18. **Economic dynamics in rural regions**
   - Abstract 309
   - 18.1 Introduction 309
   - 18.2 Socio-economic patterns in rural regions: a mosaic 310
   - 18.3 Socio-economic dynamics in rural regions 312
   - 18.4 Future challenges of European regions 317
   - 18.5 Conclusions and recommendations 320
   - References 322

19. **The demand side of rural amenity: definition and valuation methods**
   - Abstract 325
   - 19.1 Introduction 325
   - 19.2 Defining rural amenity 326
   - 19.3 Demand for public goods and amenity 327
   - 19.4 Valuation methods 328
   - 19.5 Recent progress 332
   - 19.6 Research challenges 333
   - 19.7 Conclusion 334
   - References 335

20. **Rural areas and the environment**
   - Abstract 337
   - 20.1 Introduction 337
   - 20.2 Theoretical background 338
   - 20.3 Environment action programmes 341
   - 20.4 Water and air pollution 343
   - 20.5 Soil degradation 347
   - 20.6 Concluding remarks 348
   - References 349

21. **Nature preservation and production**
   - Abstract 351
   - 21.1 Introduction 351
   - 21.2 The Birds and Habitats Directives 352
   - 21.3 Agri-environmental measures 356
   - 21.4 Conclusions 360
   - References 361
21A. Collective approaches to agri-environmental management 363
Abstract 363
21A.1 Introduction 363
21A.2 Do we need collective arrangements for agri-environmental management? 364
21A.3 Environmental co-operatives as ‘clubs’ 366
21A.4 The policy relevance of collective approaches 366
References 368

21B. Green services 369
Abstract 369
21B.1 Concepts 369
21B.2 Policy approaches 371
21B.3 Conclusions 373
References 374

22. Balancing between structural and rural policy 377
Abstract 377
22.1 Introduction 377
22.2 Early policy-making for European rural areas 378
22.3 EU general structural policy 380
22.4 EU rural development policy under the CAP since 1988 382
22.5 Now and the future: balancing between structural/regional, environmental and agricultural policy 386
22.6 Conclusions 389
References 391

Part VI. Future

23. Agriculture: a binding factor for Europe? 395
Abstract 395
23.1 Introduction 395
23.2 A brief look at the past 396
23.3 New challenges 397
23.4 Values of the countryside 398
23.5 A binding policy for the rural areas 399
23.6 Four main functions for the rural areas 400
23.7 Some final remarks 401
References 402
# 24. Future developments and policies

<table>
<thead>
<tr>
<th>Section</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Abstract</td>
<td>403</td>
</tr>
<tr>
<td>24.1 Introduction</td>
<td>403</td>
</tr>
<tr>
<td>24.2 Why is agricultural policy under debate?</td>
<td>404</td>
</tr>
<tr>
<td>24.3 European agriculture after 2020</td>
<td>407</td>
</tr>
<tr>
<td>24.4 What to do between now and 2020?</td>
<td>415</td>
</tr>
<tr>
<td>24.5 Agricultural, rural and land management policy</td>
<td>418</td>
</tr>
<tr>
<td>24.6 Experiences with structural adjustment</td>
<td>420</td>
</tr>
<tr>
<td>24.7 Concluding remarks</td>
<td>421</td>
</tr>
<tr>
<td>References</td>
<td>423</td>
</tr>
</tbody>
</table>

**Acknowledgments**

[Page 427]

**Authors**

[Page 431]

**Index**

[Page 435]