

# Contents

Contributors	8
Introduction	9



## **PART 1 Contemporary Challenges** 14

1	Current Concerns	16
2	Feeding the World	18
3	Unequal Distribution	20
4	Environmental Challenges	22
5	Water Pressure	24
6	Nutritional Deficiencies	26
7	Over-Nutrition	28
8	Contamination	30



## **PART 2 Farming** 32

9	Mechanization	34
10	Industrial Livestock Production	36
11	Animal Feed	38
12	Animal Diseases	40
13	Agricultural R&D	42
14	Genetically Modified Crops	44
15	Pesticides	46
16	Fertilizers	48
17	Working the Land	50
18	Land Ownership	52
19	Urban Farming	54
20	Fishing and Aquaculture	56
21	Agricultural Biodiversity	58
22	Organic Farming	60
23	Greenhouse Gases	62



### PART 3 Trade

64

24	Trade Flows	66
25	Live Animal Transport	68
26	Subsidized Trade	70
27	Trade Disputes	72
28	Trade Dependency	74
29	Fair Trade	76



### PART 4 Processing, Retailing and Consumption

78

30	Staple Foods	80
31	Changing Diets	82
32	Processing Giants	84
33	Retail Power	86
34	Organic Food	88
35	Food Additives	90
36	Eating Out	92
37	Fast Food	94
38	Alcohol	96
39	Advertising and Marketing	98
40	Citizens Bite Back	100



## PART 5 Data Tables

102

Agriculture

104

Consumption

112

Sources

120

Index

126