
Contents

Preface	vii
Part I Basics	
1 Introduction	1
2 Feeding Behaviour	12
Part II Mechanisms	
3 Feedbacks from the Gastrointestinal Tract	41
4 Metabolites and Hormones	69
5 Central Nervous System and the Special Senses	91
6 Learning about Food: Conditioned Preferences and Aversions	117
7 Diet Selection: Principles	144
8 Diet Selection: Practicalities	171
Part III Theories	
9 Integrative Theories of Food Intake Control	188
10 Minimal Total Discomfort	203
Part IV Food Composition	
11 Diet Digestibility, Energy Concentration and Supplementation of Forages	219

12 Protein and Other Nutrients	243
13 Appetites for Specific Nutrients	261
14 Silage	287
Part V Animal and Environmental Factors	
15 Growth and Fattening	310
16 Reproduction and Lactation	341
17 Environmental Factors Affecting Intake	365
18 Epilogue	391
References	407
Index	449