Goat Science and Production







Sandra G. Solaiman

Contents

Foreword		ix xi
Preface Acknowledgments		
About the Contributors		xiii xv
,100	The Collin Island	Av
1	Perspectives on Goats and Global Production C. Devendra and S.G. Solaiman	3
2	Goat Breeds N.K. Gurung and S.G. Solaiman	21
3	Conservation of Goat Genetic Resources J.N.B. Shrestha and S. Galal	39
4	Breeding and Genetics J.N.B. Shrestha and G.H. Crow	55
5	Animal Evaluation R.A. Ebert and S.G. Solaiman	77
6	Functional Anatomy of the Goat G.M. Constantinescu and I.A. Constantinescu	89
7	Applied Reproductive Physiology J. Greyling	139
8	Digestive Physiology and Nutrient Metabolism S.G. Solaiman and F.N. Owens	157
9	Ingestive Behavior, Diet Selection, and Feed Intake H. Dove	179
10	Feeds and Feeding Management S.G. Solaiman	193
11	Health Management, Diseases, and Parasites J.E. Miller, B.M. Olcott, and G.F. Bath	217

12	Preferred Management Practices L.J. Dawson	241
13	Meat Production and Quality K.W. McMillin	255
14	Milk Production Y.W. Park and G.F.W. Haenlein	275
15	Fiber Production C.J. Lupton	293
16	Environmental Enhancement A. Peischel	313
17	Housing Requirements S.G. Solaiman	323
18	Business Plan, Production Enterprise, and Marketing Strategy S.G. Solaiman, E. Kebede, and E.M. Aviki	339
19	Future Needs for Teaching, Research, Extension, and Outreach S.G. Solaiman and G.F.W. Haenlein	359
App Inde	pendices ex	369 389