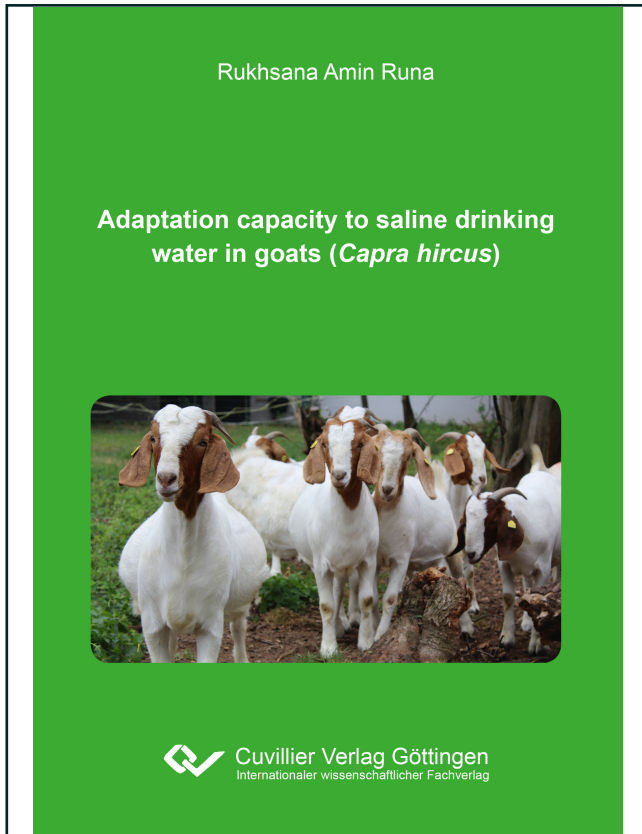




Rukhsana Amin Runa (Autor)
Adaptation capacity to saline drinking water in goats (*Capra hircus*)



<https://cuvillier.de/de/shop/publications/7867>

Copyright:

Cuvillier Verlag, Inhaberin Annette Jentsch-Cuvillier, Nonnenstieg 8, 37075 Göttingen, Germany
Telefon: +49 (0)551 54724-0, E-Mail: info@cuvillier.de, Website: <https://cuvillier.de>



TABLE OF CONTENTS

SUMMARY	11
CHAPTER 1	15
INTRODUCTION	17
Definition and measurement of salinity	17
Physiology	19
Feeding recommendations	21
Effect of high salt intake	23
Salt tolerance and adaptation	25
Scope of thesis	28
References	29
CHAPTER 2	37
Reactions to saline drinking water in Boer goats in a free choice system	39
CHAPTER 3	63
Adaptation capacity of Boer goats to saline drinking water	65
CHAPTER 4	87
Health status in Boer goats while adapting to saline drinking water	89
CHAPTER 5	113
GENERAL DISCUSSION	115
Choice Tests	115
Responses and adaptation strategies of different livestock species to saline water	117
Health indicators	120
Conclusions	122
References	124
ACKNOWLEDGEMENTS	131
CURRICULUM VITAE	133