

CONTENTS

Introduction	1
Review of literature	3
Material and Methods	12
Animals used	12
Sampling	15
Biochemical methods	16
Determination of calcium	16
Determination of inorganic phosphorus	16
Determination of Sodium & Potassium	17
Determination of serum parathormone	18
Determination of serum calcitonin	18
Determination of serum Aldosterone	19
Determination of serum ACTH	20
Results	24
Effect of B-sitosterol on calcium	24
Effect of B-sitosterol on inorganic Phosphorus	27
Effect of B-sitosterol on Sodium	29
Effect of B-sitosterol on Potassium	31
Effect of B-sitosterol on parathormone	33
Effect of B-sitosterol on calcitonin	36
Effect of B-sitosterol on Aldosterone	38
Effect of B-sitosterol on ACTH	41