CONTENTS

PREFACE I
ACKNOWLEDGEMENT II
MAPS IV
LIST OF TABLES IX
LIST OF FIGURES AND GRAPHS XI

CHAPTER I

INTRODUCTION 1-50

1.1 Research Topic 26
1.2 Objectives 26
1.3 Research Queries 27
1.4 Review of Literature 28
1.5 Methodology 36
1.6 Relevance of the Study 41
1.7 Periodicity of the Study 42
1.8 Limitations of the Study 43
1.9 Chapter Planning 44

CHAPTER II

SOCIO-ECONOMIC PROFILE OF ASSAM 51-58

CHAPTER III

PRESENT POSITION OF THE PIG FARMING IN ASSAM 59-71

3.1 Existing position 60
3.2 Trend in pig population 63
3.3 Pig meat (pork) 71
3.4 Meat consumers 76
3.5 Pricing 76

CHAPTER IV

REQUISITES OF SCIENTIFIC PIG FARMING AND ITS MANAGEMENT 80-91

4.1 Model farming 81
4.1.1 Selection of site 81
4.1.2 Selection of breed 82
4.1.3 Construction of the pigsty 83
4.1.4 Feeding of pigs 84
4.2 Requisites of a commercial farm 85

CHAPTER V

PROBLEMS AND PROSPECTS OF PIG FARMING IN ASSAM 92-124

5.1 Problems 93
5.1.1 Feeds 93
5.1.2 Good quality piglet 99
5.1.4 Financial problem 105
5.1.5 Disease control 107
5.1.6 Managerial problems 109
5.1.7 Technical problems 111
CHAPTER VI

STATISTICAL ANALYSIS AND INFERENCES

6.1 Statistical Analysis 126
6.2 Statistical model 126
6.3 Estimation of pig population 130
6.4 Meat production 137
6.4.1 Demand for meat 147
6.5 Pork production 150
6.6 A study of the impact of various resources on pork production 154
6.7 A study of the economic feasibility of pig farming 163
6.7.1 Cost Analysis. 164
6.7.2 Impact of farm size on cost of production 167
6.7.3 Estimated cost function 168
6.8 Income and profit function 170
6.8.1 Estimated income function 173
6.8.2 Estimated profit function 175
6.9 Advantages of pig farming over other livestock farming (Goat & Poultry) 178
6.10 Comparative study of production of meat from indigenous and crossbreed pigs 183

CHAPTER VII

SUMMARY OF CHAPTERS, FINDINGS,
SUGGESTION ON FINDINGS AND CONCLUSION 189-210

7.1 Summary of chapters 190
7.2 Findings 193
7.3 Suggestions 201
7.4 Conclusions 205

BIBLIOGRAPHY 211-221