

TABLE OF CONTENTS

VALIDITY SHEET	ii
PREFACE	iii
ABSTRAK	iv
ABSTRACT	v
TABLE OF CONTENTS	vi
FIGURE LIST	vii
FIGURE LIST	viii
ATTACHMENT LIST	ix
I. INTRODUCTION	1
1.1. Background	1
1.2. Problem Formulation	6
1.3. Research Objectives	6
1.4. Research Benefit	6
II. LITERATURE REVIEW	8
2.1. Duck Hybrid	8
2.2. Eggs of Duck	10
2.3. Hatching Eggs and Duck Embryo Development	13
2.4. Vitamin E and Selenium	16
2.5. Bursa Fabricius of Duck	19
2.6. Microanatomy Bursa Fabricius of Duck	22
2.7. Hypothesis	24
III. RESEARCH METHOD	25
3.1. Time and Place of Research	25
3.2. Tools and Materials	25
3.3. Research Design	26
3.4. Method	27
3.4.1. Preparation, Weighing and Measurement Duck Hatching Eggs	27
3.4.2. <i>In-Ovo</i> Injection of Vitamin E and Selenium	28
3.4.3. Duckling Hatching Egg Rearing Management	29
3.4.4. Sample Isolation and Variable Measurement	29
3.4.5. Bursa Fabricius Preparation	30
3.4.6. Variable Observation and Measurement	34
3.5. Data Analysis	35
IV. RESULTS AND DISCUSSION	37
V. CONCLUSION AND SUGGESTION	52
BIBLIOGRAPHY	53
ATTACHMENT	62