CONTENTS

I  INTRODUCTION ... 1

II MATERIAL AND GENERAL EXPERIMENTAL PROCEDURES ... 34

III METHODS AND RESULTS ... 43

1. Evaluation of pesticide toxicity
2. Time course of pesticide exposure
3. Pesticide exposure - Oxygen Consumption of the whole fish
4. Pesticide exposure - Haematological studies
5. Pesticide exposure - Opercular activity
6. Pesticide exposure - Symptoms of poisoning

IV DISCUSSION ... 67

V SUMMARY ... 94

VI BIBLIOGRAPHY ... 101