

TABLE OF CONTENTS

ABSTRAK	i
STATEMENT	iv
TABLE OF CONTENTS	vii
LIST OF TABLES	ix
LIST OF ATTACHMENTS	x
CHAPTER I. INTODUCTION	1
1.1 Background	1
1.2. Problem Formulation	4
1.3 Research objectives	5
1.4. Research benefits	5
CHAPTER II. LITERATURE REVIEW	6
2.1. Shallot Plants (<i>Allium ascalonicum</i> L.)	6
2.2. Use of Some Varieties	8
2.3. Organic Waste Liquid Organic Fertilizer	10
2.4. Silica Fertilizer	11
2.5. Research Hypothesis	12
CHAPTER III. RESEARCH METHODS	13
3.1. Time and Place of Research	13

3.2. Tools and Materials	13
3.3. Research Design	13
3.4. Research Implementation	14
3.5. Observation parameters	17
3.6 Data Analysis	18
CHAPTER IV. RESULTS AND DISCUSSION	19
4.1 Hasil Penelitian	19
4.1.1 Analisis Kandungan POC	19
4.1.2 Plant Height	19
4.1.3 Number of Leaves	20
4.1.4 Number of tillers and tuber diameter	21
4.1.6 Wet Weight and Dry Weight of Total Plant Samples (g)	23
4.1.7 Wet Weight and Dry Weight of Leaves per Plant Sample (g)	24
4.1.8 Wet Weight and Dry Weight of Tubers per Plant Sample (g)	24
4.2 Discussion	25
CHAPTER V. CONCLUSIONS AND SUGGESTIONS	38
5.1 Conclusion	38
5.2 Suggestions	38
LITERATURE	39
APPENDIX	50