YIELD OF GARLIC TO DIFFERENT SIZES OF PLANTING MATERIALS AND LEVELS OF COMPLETE FERTILIZER (14-14-14) UNDER RAINY SEASON

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YIELD OF GARLIC TO DIFFERENT SIZES OF PLANTING MATERIALS AND LEVELS OF COMPLETE FERTILIZER (14-14-14) UNDER RAINY SEASON

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This study entitled "Yield of Garlic to Different Sizes of Planting Materials and Levels of Complete Fertilizer (14-14-14) Under Rainy Season" was conducted in Alulod, Indang, Cavite from June to November 1988 to determine the effect of different sizes of planting materials and levels of complete fertilizer on the yield of garlic.

Planting materials (bulblets) of different sizes were planted vertically on their respective plots at the distance of 15 cm x 30 cm. These were applied with complete fertilizer (14-14-14) at the rate of 6 bags/ha., 5 bags/ha. and 4 bags/ha. on B_1, B_2 and B_3 respectively. Sizes of bulblets were classified as large, medium and small on blocks A_1, A_2 and A_3 based on their weight as follow: large - 1.6-2.0 grams, medium - 1.1-1.5 grams and small - 0.6-1.0 grams respectively. Rice straws were used as mulching materials.

Result of this study shows highly significant differences on the yield of garlic, with respect to sizes. (Factor A) but not on the levels of fertilizer applied (Factor B). This means that sizes of planting materials have something to do in increasing the yield of garlic. Fertilizer application in different levels, on the other hand, gave a slight increase on the yield of garlic but the result was not significant.

TABLE OF CONTENTS

	Page
ACKNOWLEDGEMENT	iii
BIOGRAPHICAL DATA	iv
ABSTRACT	v
LIST OF TABLES	viii
LIST OF FIGURES	ix
INTRODUCTION	1
Importance of the Study	1
Statement of the Problem	2
Objectives of the Study	3
Time and Place of the Study	3
REVIEW OF RELATED LITERATURE	4
MATERIALS AND METHODS	
A. Materials	6
B. Methods	6
Soil Analysis	6
Land Preparation	6
Experimental Field Lay-Out	7
Soil Sterilization	7
Preparation of Planting Materials	7
Planting	7
Mulching	8
Fertilization	8
Watering	8
Weeding and Cultivation	8

Page

Weeding and Cultivation 8

Control of Pests Diseases 8

Harvesting 8

Collection of Samples and Gathering of Data . 8

GENERAL OBSERVATION

Number of Days From Planting to Germination. . . . 10

General Appearance of Plant From Germination to Maturity 10

Weather and Climatic Condition Throughout The Whole Duration of the Study 10

DISCUSSION OF RESULTS

Average Dry Weight (Grams) of Bulbs 11

Average Circumference (CMS.) of Bulbs at Maturity 13

Average Number of Bulblets 15

SUMMARY, CONCLUSION AND RECOMMENDATION

Summary 17

Conclusion 17

Recommendation 18

BIBLIOGRAPHY 19

APPENDICES

1. Analysis of Variance on the Average Dry Weight (Grams) of Bulbs 20

2. Analysis of Variance on the Average Circumference (Cms) of Bulbs at Maturity 21

3. Analysis of Variance on the Average Number of Bulblets 22

LIST OF TABLES

Tables: Page

1. Average Dry Weight (Gms) of Bulbs 12
2. Average Circumference (Cms) of Bulbs at Maturity 14
3. Average Number of Bulblets 16

LIST OF FIGURES

Figures:

1. Experimental Field Lay-Out 23
2. General View of the Experiment. 24
3. A Comparative View of Harvested Garlic From Each Treatment
   a. B_1 (6 bgs/ha.) 25
   b. B_2 (5 bags/ha.). 26
   c. B_3 (4 bags/ha.). 27

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by

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INTRODUCTION

Importance of the Study

Dubbed as the "White Gold" garlic, a native of Middle Asia, west of Himalayas, is highly photosensitive. Two popular tropical varieties are grown commercially in the Philippines: Ilocos White and Batangas Purple. Garlic is a perenial bulbous plant with narrow flat leaves smaller egg-shaped bulbs known as bulblets enclosed in white skin. It grows as an annual crop belonging to the family lileciae which is propagated by using top bulblets.

Garlic is generally used for cutting purpose, either fresh or in dehydrated, granulated and other forms. It is known for its therapeutic value and also for its potential insecticidal properties. It also possesses anti-bacterial and anti-fungal properties which made it useful for curing some ailments.