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EFFECT OF MILLING-UP ON DIFFERENT
GROWTH STAGES OF PEANUT

SPECIAL PROBLEM

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EFFECT OF HILLING-UP ON DIFFERENT
GROWTH STAGES OF PEANUT



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for the Degree of Bachelor of Science
in Agriculture (BSA) Major in
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by

Amelia F. Espiritu
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A B S T R A C T

The study on the effect of hilling - up on different growth stages of peanut was conducted in Neogan, Tagaytay City from June 2, 1978 to September 24, 1978. It aimed to determine the effect of hilling - up on different growth stages of the plant.

A 672 square-meter land which was fertilized basally was divided into four replications and were further subdivided into four treatments. Planting was done by drilling two seeds in a furrow at a distance of 24 centimeters.

Germination took place five days after planting. Weeding was done sixteen days after germination and hilling - up cultivation followed 20, 30 and 40 days after planting.

Treatment 1 (hilling - up 20 days after planting) produced the highest yield of pods per hectare and heaviest weight of plants and pods than any other treatment.

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INTRODUCTION

The peanut (Arachis hypogaea Linn.) has long been under cultivation in the Philippines. It is a low growing annual, herbaceous, leguminous plant with one upright central stem and numerous lateral
2
branches.

It is a leguminous crop that increases the fertility of the soil. It has the ability to fix nitrogen from the atmosphere to incorporate it to the soil and later becomes available to the succeeding crop.

2

Frank S. Arant and Others, The Peanut: the Unpredictable Legume, "Physiology and Mineral Nutrition," (The National Fertilizer Association, Washington, D. D., 1951) p. 90.