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GERMINATION OF ATIS SEEDS USING  
DIFFERENT SCARIFICATION  
TREATMENTS

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GERMINATION OF ATIS SEEDS USING  
DIFFERENT SCARIFICATION  
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A Research Paper Submitted to the Faculty  
of Agricultural Science Department of the  
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Indang, Cavite

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In Partial Fulfillment of the Requirements  
in Applied Research IV



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Germination of atis seeds using different  
scarification treatments  
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by

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## A B S T R A C T

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Adviser: Mr. Carlos N. Rodil

This study entitled "Germination of Atis Seeds Using Different Scarification Treatments" was conducted at Mahabang Kahoy Cerca, Indang, Cavite for a period of three months starting from June 16, 1988 to August 31, 1988. This study was conducted to determine which of the treatments used would give favorable response to seedling growth and to determine the germination response of atis seeds to different seed scarification treatments.

This study has four (4) treatments and a control which was replicated three times. A total of 750 seeds were used in this experiment. It was analyzed by using Randomized Complete Block Design (RCBD).

Highly significant result was obtained in the number of days from planting to germination and in the percentage germination of atis seeds.

The study proved that rubbing seeds by sand paper was the best scarification treatment for atis.

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<sup>1/</sup> A Research Proposal presented to the Faculty of Agricultural Science Department of the Don Severino Agricultural College, Indang, Cavite in partial fulfillment of the requirements in Applied Research IV, under the advisership of Mr. Carlos Rodil.

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INTRODUCTION

Importance of the Study

Atis (Annona squamosa Linn.), known as sugarapple or sweetsap in other countries, is a very well-known fruit crop in the Philippines. It is native to Tropical America. Like other minor fruit crops in the Philippines, atis is grown principally as an orchard tree. It is quite prolific that produces fruits grown everywhere. The fruits of atis command a good price even during the peaks of harvest. When harvested at the proper time, the fruits maybe stored for several days and transported to distant markets. Nevertheless, the result of this study might give the atis growers the idea of best propagating atis seeds through different scarifications.