

**ROLE OF ARECA NUT CULTIVATION ON RURAL  
ECONOMY:  
A Case Study of Buddhashanti Rural Municipality-7, Jhapa, Nepal**

**A Thesis Submitted to  
The Tribhuvan University, Faculty of Humanities and Social Sciences,  
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## Declaration

I hereby declare that the thesis entitled **Role of Areca Nut Cultivation in Rural Economy: A Case Study of Buddhashanti Rural Municipality-7, Jhapa, Nepal** submitted to the Department of Rural Development, Mahendra Ratna Multiple Campus Ilam, Tribhuvan University is entirely my original work prepared under the guidance and supervision of my supervisor. I have made due acknowledgements to all ideas and information borrowed from different sources in the course of preparing this thesis. The results of this thesis have not been presented or submitted anywhere else for the award of any degree or for any other purposes. I assure that no part of the content of this thesis has been published in any form before.

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## **Recommendation Letter**

The thesis entitled **Role of Areca Nut Cultivation in Rural Economy: A Case Study of Buddhashanti Rural Municipality-7 , Jhapa, Nepal** has been prepared by **Yogendra Yokpangden** under my guidance and supervision. I hereby forward this thesis to the evaluation committee for final evaluation and approval.

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## Approval Letter

The thesis entitled **Role of Areca Nut Cultivation in Rural Economy: A Case Study of Buddhashanti Rural Municipality Ward No. 7 , Dharagola of Jhapa District** submitted by **Yogendra Yokpangden** in partial fulfillment of the requirements for the Master's Degree (M.A.) in Rural Development has been approved by the evaluation committee.

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.....

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## **Abstract**

*This research is a case study of Role of Areca Nut Cultivation in Rural Economy: A Case Study of Buddhashanti Rural Municipality Ward No. 7 , Dharagola of Jhapa District. This study is mainly based on primary as well as secondary data, with the purpose sampling of 20 households (out of 100 households). The primary data collected by using questionnaire from each 20 households. Households are Dharagola and Gairigaun of Buddhashanti wada no7. On the basis of field survey by applying different techniques such as field note, structured interview, field observations, households questionnaire and sampling procedure and sample size. The qualitative and quantitative data has been analyzed which are taken from the study area. Whereas secondary data taken by with the help of various report,, books, wave sites, journals publishing different institutions, various seminars report journals and documents of Nepal and other countries. The main objectives of this thesis are to know the role of ginger production on rural economy of study area of Buddhashanti rural municipality of ward no. 7, and to find out the burning problem of socio economic condition of the areca nut producer to meet the objectives of the study primary and secondary data were collected from the field visit. Findings of this research are summarized in points below. Areca nut growers are using traditional technology there is no facility about areca nut farming loan. No any office of the agriculture is working with the areca nut farmers. Areca nut growers are monotonous due to the prize ups and downs fluctuation. No specific program on areca nut production is seen from the side of DAO office and RM office in Jhapa district . Lack of laboratory for testing the soil quality and organisms. Lack of agro-forest increment in whole Jhapa distric. Areca nut growers don't know the methods of producing 'Piece of supari' at the study area. Areca nut growers are not skilled in technical activities which can add value on areca nut no P<sup>H</sup> test soil is done.*

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## Abbreviation and Acronyms

ACE	Angiotensin-Converting Enzyme
ANSAB	Asia Network for Sustainable Agriculture Sciences and Technology
APP	Agriculture Perspective Plan
°C	Degree Celsius
Ca <sup>+</sup>	Calcium ion
DAO	District Agricultural Office
DNA	Deoxyribonucleic Acid
FAO	Food and Agriculture Organization
g	Gram
GDP	Gross Domestic Production
ITC	International Trade center
INGOS	International Non Governmental Organization
K	Potassium
kg	Kilogram
kt	Kilo ton
mg	Miligram
N	Nitrogen
NGO	Nepal Government Office
No.	Number
NO <sub>2</sub>	Nitrogen Dioxide
P	Phosphorus
p <sup>H</sup>	Potential of Hydrogen
Pop.	Population
Pvt.	Private
RM	Rural municipality
RNA	Ribonucleic Acid
SAFTA	South Asian Agreement for free Trade Association
SHR	Spontaneous Hypertensive Rats
Ton	100 kg
TU	Tribhuvan University
UK	United Kingdom

USA	United State of America
USAID	United State Agency for International Development
WTO	World Health Organization