

STUDY OF SPATIAL PATTERNS IN  
RELATION TO LEAF HEALTH AS  
POTENTIAL DETERMINANT OF YIELD IN  
AN EARLY GENERATION TRIAL OF WHEAT  
IN RAMPUR, CHITWAN

DEEPENDRA DHAKAL

SUBMITTED TO THE

GENETICS AND PLANT BREEDING

AGRICULTURE AND FORESTRY UNIVERSITY

STUDY OF SPATIAL PATTERNS IN RELATION TO LEAF  
HEALTH AS POTENTIAL DETERMINANT OF YIELD IN AN  
EARLY GENERATION TRIAL OF WHEAT IN RAMPUR,  
CHITWAN

A Thesis  
Presented to  
The division of Plant Breeding  
AFU

In Partial Fulfillment  
of the Requirements for the Degree  
MSC

Deependra Dhakal

April 28, 2018

Approved for the MASTER'S DEGREE  
(Genetics and Plant Breeding)

---

Dr. Madhav

---

Dr. Krishna

STUDY OF LEAF HEALTH AS POTENTIAL DETERMINANT  
OF YIELD IN EARLY GENERATION TRIAL OF WHEAT IN  
RAMPUR, CHITWAN

DEEPENDRA DHAKAL

THESIS

SUBMITTED TO THE  
GENETICS AND PLANT BREEDING DEPARTMENT  
AGRICULTURE AND FORESTRY UNIVERSITY

2018

IN PARTIAL FULFILMENT OF THE  
REQUIREMENTS FOR THE  
DEGREE OF

MASTER OF SCIENCE IN AGRICULTURE  
(PLANT BREEDING AND GENETICS)

Dr. Madhav Prasad Pandey

Dr. Krishna Hari Dhakal

## CERTIFICATE

This is to certify that the thesis/dissertation entitled "....." submitted in partial fulfillment of the requirements for the degree of ..... (.....) of the Agriculture and Forestry University, Nepal is a record of original research carried out by Mr./Ms. .... Id. No. ...., under my supervision, and no part of the thesis/dissertation has been submitted for any other degree or diploma.

---

Dr. Madhav Prasad Pandey  
(Chairman of the Advisory Committee)  
Department of Genetics and Plant Breeding  
Date: April 28, 2018

---

Dr. Krishna Hari Dhakal  
(Head of Department)  
Department of Genetics and Plant Breeding  
Date: April 28, 2018