

Project Report on-Effect of Gibberellic Acid

On Germination and Seedling

Growth in Gram seeds (Cicer arietinum L.)

Submitted by—

Anurag Gupta

B.Sc 6th Semester.Botany(Major)

Roll no-22520007

Registration no- \$1626578

CERTIFICATE

This is to certify that the project work entitled "Effect Of Gibberellic Acid on Germination and Seedling Growth of Gram Seeds (<u>Cicer arietinum</u>)", submitted by,Anurag Gupta Roll No: 22520007 Registration No: \$1626578, of 2018-2019 is his own work and has been done in the light of evaluator's comments under my supervision.

It is recommended that this project report be placed before the examiner for evaluation.

\$ 23|5|19

Dr. Sushmita Chakraborty Supervisor of the project Department Of Botany Tinsukia College Tinsukia Sanjuleta Goham Bornah

Dr. Sanjukta Gohain Baruah Head of Department of Botany Tinsukia College Tinsukia

HEAD
Department of Botany
Tinsukia College



ACKNOWLEDGEMENT

I wish to acknowledge my particular indebtedness to respected teacher Dr. Sushmita Chakraborty of Botany Department of her active guidance and help in the development and compilation of this work.

I am obliged to record my thankful appreciation to respected Dr. Sanjukta Gohain Baruah, Head of the Department of Botany, Tinsukia College.

CONTENTS

1. Chapter :- I. Introduction

Page no:-

1.1:- General Description

1.2:- Gibberellins

1.3:- Germination

1.4:- Gibberellins on germination and growth

2. Chapter :- II. Materials and Methodology

Page no:-

2.1:- Seeds

2.2:- Chemicals

2.3:- Sterilization

2.4:- Preparation of the chemical solution

2.5:- Seeds Treatment

2.6:- Seedling Growth

2.7:- Analysis of Results

2.8:- Critical Differences

3. Chapter :- III. Results and Statistical Analysis Page no:-

3.1:- Effect of gibberellic acid on germination and Seedling Growth of Cicer arietinum

3.2:- Bar Diagrams

3.3:- Photographic Evidences

3.4:- Conclusion

Page no:-4. Reference

3.3 PHOTOGRAPHIC EVIDENCE

Cicer arietinum

