

DIBRUGARH UNIVERSITY

PROJECT REPORT ON THE "EFFECT OF AUXIN ON THE
GERMINATION OF SEEDS AND SEEDLING GROWTH IN
GRAM"

(Cicer arietinum)

SUBMITTED BY:-

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B.Sc. 6th SEMESTER, 2018

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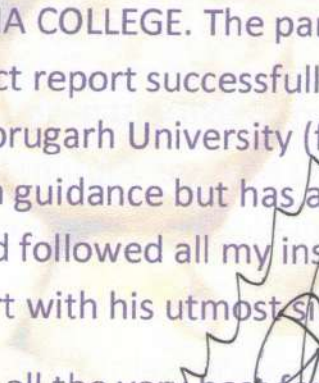
TINSUKIA COLLEGE,

TINSUKIA

CERTIFICATE

This certificate is a bonafide work performed by Master **SUDIPTA GOGOI**, a very sincere and attentive student pursuing B.Sc 6th Semester, BOTANY (Hons.) from a very reputed educational institution known to be TINSUKIA COLLEGE. The particular student has not only completed the project report successfully as a part of the syllabus as prescribed by the Dibrugarh University (for the academic session 2017-2018) under my keen guidance but has also developed a deep sense of responsibility. He had followed all my instructions and took interest completing the report with his utmost sincerity.

I therefore, wish him all the very best for his coming future and hope that he could excel in his life in all fields of academic performances.


14/03/18

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ACKNOWLEDGEMENT

At the beginning I myself **SUDIPTA GOGOI** would like to thank the entire faculty members of the Department of Botany, Tinsukia College, for providing their valuable time and knowledge in elaborating view of studying the details required for the completion of the report and getting the right vision for its implementation.

In this regard, I would primarily like to pay my heartiest sense of gratitude and respect to our very own Dr. **SUSHMITA CHAKRABORTY** for her cordial co-operation and guidance in making the field work a great success.

I am also grateful to our honorable Professor Dr. (Mrs.) Sanjukta Gohain Baruah(HOD) for her valuable time and motivation towards the importance of this report.

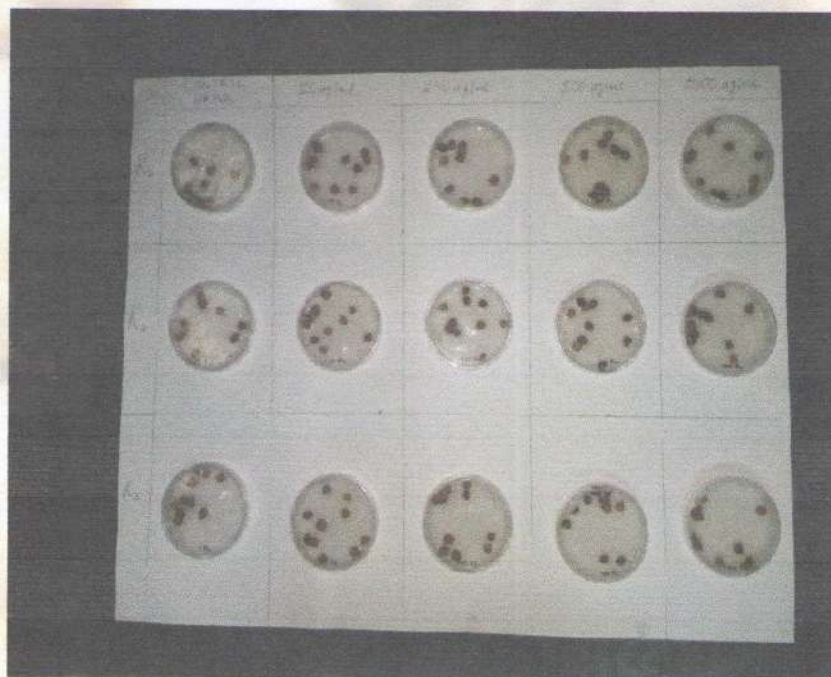
Last but not the least; it is also my duty to owe my deep sense of gratitude to my friends who helped me with the important information required for the project.

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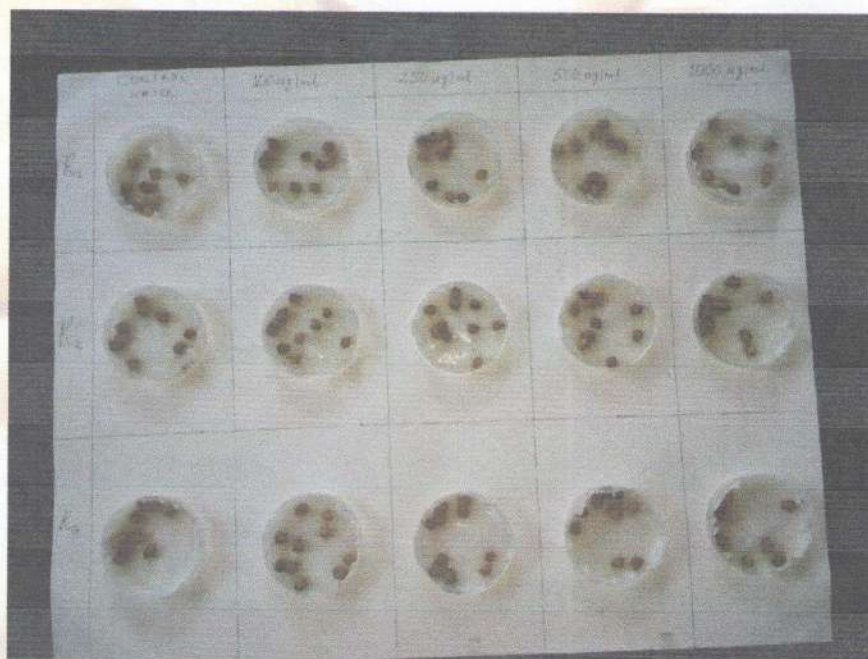
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PHOTOGRAPHIC EVIDENCE FOR GERMINATION IN
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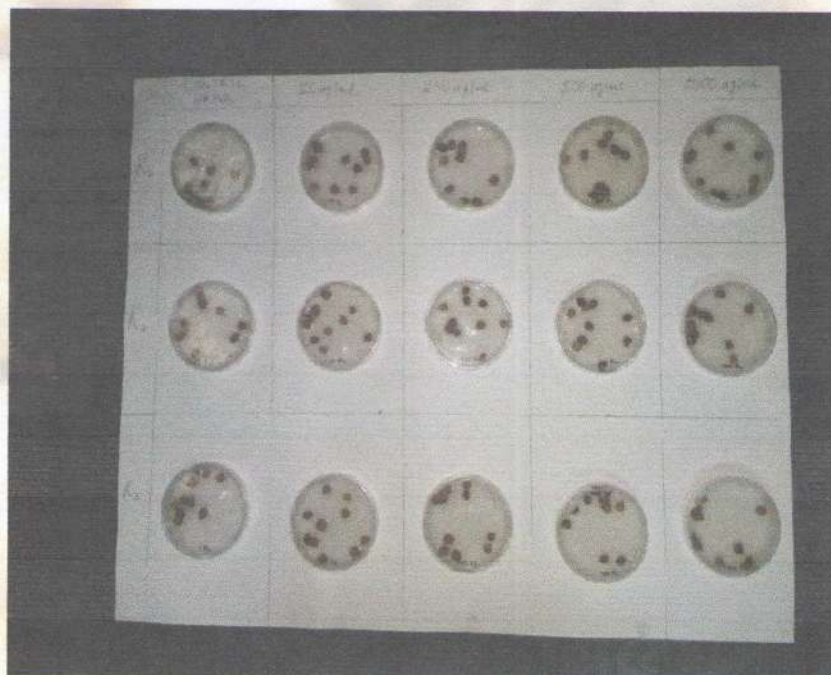


AFTER 48 HOURS

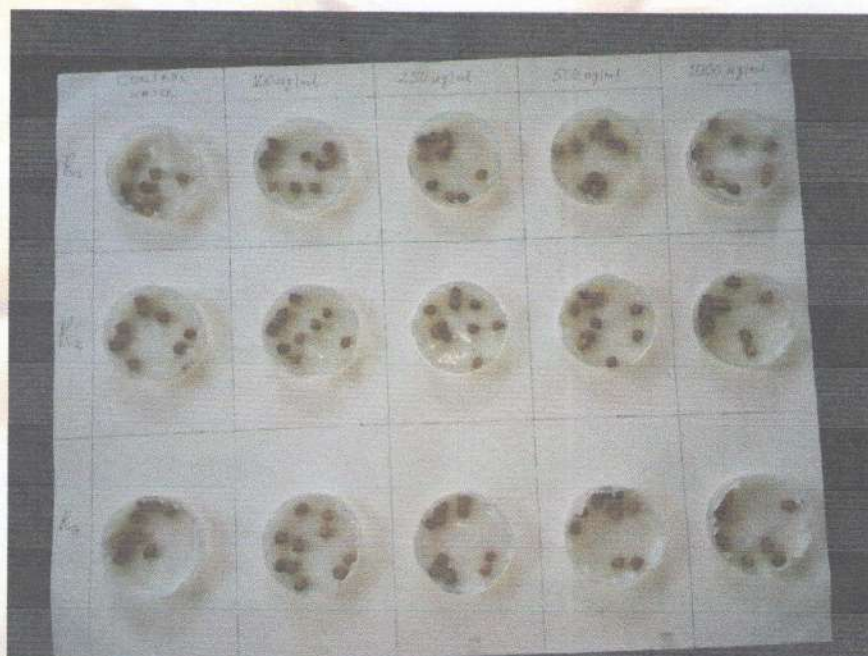


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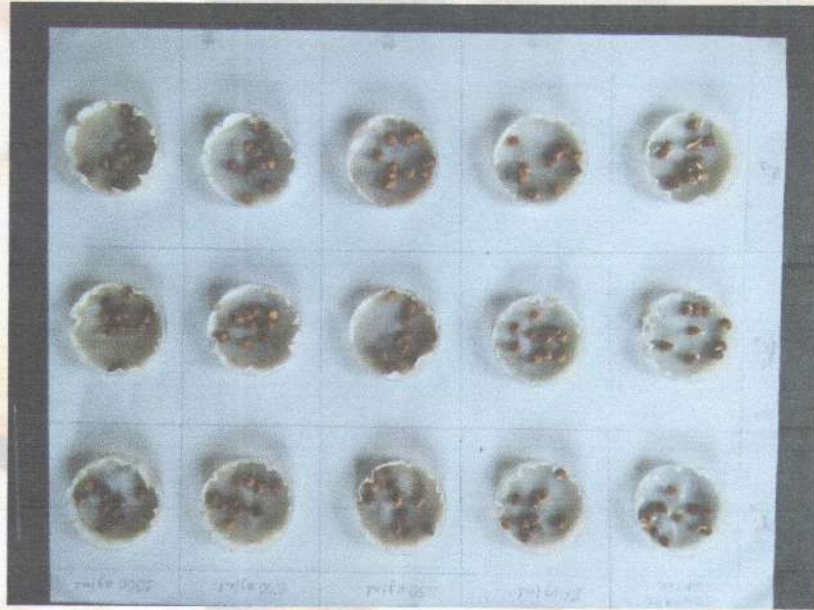
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AFTER 48 HOURS



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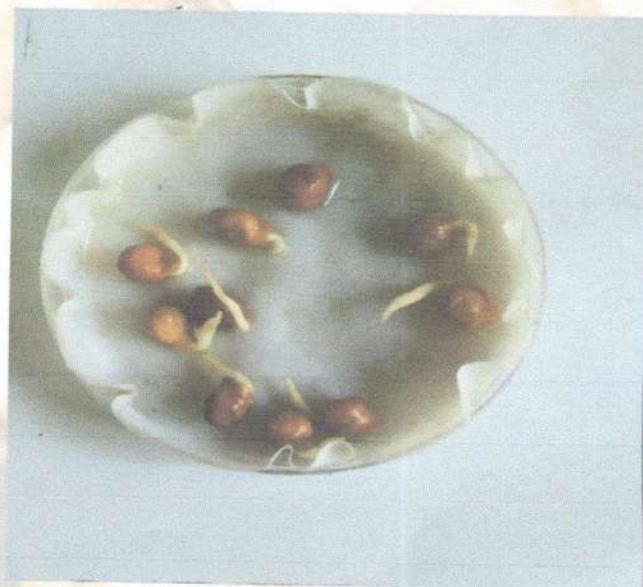


AFTER 96 HOURS

PHOTOGRAPHIC EVIDENCE FOR ROOT GROWTH IN
GRAM



AFTER 96 HOURS



AFTER 144 HOURS



AFTER 192 HOURS

PHOTOGRAPHIC EVIDENCE FOR SHOOT GROWTH
IN GRAM



AFTER 216 HOURS



AFTER 264 HOURS

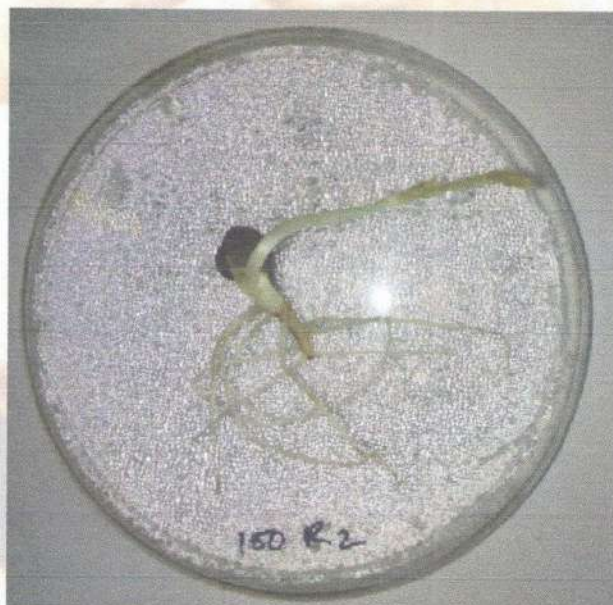


AFTER 312 HOURS

**PHOTOGRAPHIC EVIDENCE FOR ROOT
NUMBER (MEAN) OF GRAM**



AFTER 240 HOURS



AFTER 288 HOURS