

Acknowledgements

I feel privilege to acknowledge my obligation to the persons and institution from which I received immense help during the course of present investigation. I am very fortunate to offer flowers of reverence to late “Rajarshi Udai Pratap Singh Judev” founder of Udai Pratap Autonomous College, Varanasi whose everlasting desire was to serve mankind.

I feel immense pleasure in expressing my deep sense of gratitude to my supervisor, Dr. M.P. Singh, Reader, Department of Botany, Udai Pratap Autonomous College, Varanasi for his keen interest, inspiring and affectionate guidance, suggestions and healthy criticism during the entire course of investigation, which provided commendable encouragement for me to carry out this research work.

I am highly grateful to Dr. Rama Shanker Singh, Principal, Udai Pratap Autonomous College, Varanasi for providing necessary facilities during the course of this investigation.

I wish to record my cordial thanks to all teaching and non teaching staff members of Botany Department for their co-operation and suggestions during whole period of investigation.

I am also grateful to Incharge, Central Research Laboratory of the College and all the staff members of Agricultural Chemistry and Soil Science Department for their kind help during course of investigation and providing necessary facilities in the Central Research Laboratory.

I am also thankful to my colleagues who helped me in various ways during the course of this investigation.

Diction is not enough to express my unbounded gratitude to my parents whose inspiration helped me to complete my Ph.D. Degree.

Department of Botany
Faculty of Science
Udai Pratap Autonomous College, Varanasi.

Kumud Singh
(Kumud Singh)

Dated: 17-12-2005