Acknowledgement

All praise unto God, Lord of all the words, the merciful, who taught writing by the pen, taught man what he knew not.

The work presented in this manuscript was accomplished under the sympathetic attitude, animate direction, observant pursuit, scholarly criticism and enlightened supervision of Dr. J.P. Tewari, Ex-Associate Professor and former Head of Department of Botany, M.L.K. (P.G.) College, Balrampur. I am grateful to his ever inspiring guidance, keen interest, scholarly comments and constructive suggestions through out the course of my studies.

I feel extremely privileged to express my deep sense of gratitude and regard to Dr. D.S. Shukla, Reader, Botany Department, M.L.K. (P.G.) College, Balrampur for guiding the present work and for his valuable help in everyday which made possible the completion of work.

I am highly obliged to Dr. O.P. Mishra, Principal, M.L.K. (P.G.) College, Balrampur for providing me necessary facilities and encouragement. I am thankful to Dr. N.K. Singh, Head, Department
of Botany for providing the facilities of laboratory and library in the
Department.

I also wish to thank, Dr. D.D. Tewari, Associate Professor in Botany
Department, M.L.K, (P.G.) College, Balmampur for valuable
suggestions.

I am deeply grateful to Dr. R.K. Pandey, for his constructive and
valuable suggestions from time to time and without whose help it
would not have been possible for me to complete this work.

I am thankful to my friend Gunjan Gupta for her kind cooperation,
sharing my day to day problem and helped me in laboratory work,
without which it was not possible to go ahead for me.

I would like to thank my laboratory seniors and colleagues, Dr.
Garima Srivastava, Dr. N.A. Ansari, Dr. Subodh Srivastava, Preeti
Tewari and Hena Khan, for their kind cooperation.

I am thankful to the Directors of NBRI, CMAP, Lucknow and
IARI, New Delhi, for providing me the laboratory and library
facilities.

I am thank Mr. A.K. Rastogi, Jankipuram, Lucknow for computer
typing.
Last but not the least, I am not able to find suitable words to express my heartfelt thanks to my loving parents, in-laws, sweet sister, Anitma, dearest brother Rohit and my husband Devendra Singh and sweet little daughter Anandita who always prayed for my success and they all suffered a lot during my engagement in submission of thesis.

Moni Singh
(Moni Singh)