I express my deep sense of gratitude and high indebtedness to Dr. Mohammad Mashkoor Alam, Reader, Department of Botany, Aligarh Muslim University, Aligarh for suggesting the problem and for providing invaluable suggestions and unceasing guidance throughout the study.

I am also indebted to Professor S.K. Saxena, Professor K. Mahmood and Professor M.S. Jairajpuri for their sympathies which have always been a source of inspiration to me.

Thanks are due to my brothers Al-Haj Mohammad Ajmal and Mr. Mohammad Atbar for their moral support, and to my all relatives and friends for constant encouragement during the entire period of this work. The help and support of Dr. M.B. Siddiqui, Dr. S.A. Tiyagi and other colleagues is thankfully acknowledged.

Thanks are also due to Coordinator, Agriculture Centre and Chairman, Department of Botany, Aligarh Muslim University, Aligarh for kindly providing necessary facilities. Financial support provided by Council of Scientific and Industrial Research, New Delhi is gratefully acknowledged.

January 15, 1992

- Mohammad Akhtar