ACKNOWLEDGEMENTS

With a Pranam at the lotus feet of Ved Mata Gayatri, the author registers his cordial thanks to his guide Dr. D.P. Gupta, Reader, Department of Zoology Dr. Hari Singh Gour Vishwavidyalaya, Sagar for his scholastic guidance, peerless criticisms coupled with befitting counsels during the course of investigations and preparation of the manuscript. The author is deeply indebted to Prof. Dr. B.K. Shrivastava, Head, Department of Zoology and Dean, Life Sciences, Dr. Y.N. Sahai, Professor, Department of Zoology, Dr. Hari Singh Gour Vishwavidyalaya, Sagar for their vital suggestions and needful help given during the course of investigation.

Thanks are also due to Vice-Chancellor, Director Instructions and Director Research Services of J.N. Agril. University, Jabalpur for providing permission to carry out these studies.

The author is highly grateful to Dr. R.A. Khan, Associate Director Research Services, Z.A.R.S., Powarkheda and Dr. B.S. Thakur, Scientist, Agriculture Research Centre, Kolipura (Harda) for extending necessary facilities during the course of these investigations.
The author takes immense pleasure to express his thanks to Dr. Shri Ram, Retd., Principal Scientist, I.C.A.R., New Delhi and Dr. G.P. Gupta, Principal Scientist, Division of Entomology, I.A.R.I., New Delhi for their valuable suggestions.

The author expresses his cordial thanks to Director, Indian Grassland and Fodder Research Institute, Jhansi (U.P.) and their staff of Computer Cell for computerisation of data of various experiments and to Dr. R. Julka, Scientist, Cotton Technology Research Laboratory, College of Agriculture, Indore for helping in measurements of quality parameters.

Space does not allow to express adequately author's feeling for untiring, all time cheerful help extended by Dr. S. K. Shrivastava, Scientist, and Dr. Sandeep Sharma, Junior Scientist, Z.A.R.S., Powarkheda.

The author wishes to express his gratitude to Dr. Rajesh Verma, Junior Scientist, Z.A.R.S., Powarkheda, Dr. S. K. Parsai, Assistant Professor, College of Agriculture, Khandwa and Shri Shree Ram Sikanya, Technical Officer, I.G.F.R.I., Jhansi for extending their helps in various ways.
Special thanks are also due to Messers M.L. Pare and P.N. Pare for their valuable helps.

A word of appreciation also goes to Shri Kanhai Singh for tracing the figures and Shri G.N. Dubey for typing the manuscript neatly and elegantly.

The author finds no rhetorical gems from the ocean of words to express his deep feelings towards his wife Mrs. Chitra Gupta for her ungrudging support, encouragement and sacrifices during the course of studies.

(M.P. GUPTA)