ACKNOWLEDGEMENTS

I deem it a matter of great pleasure to express my profound indebtedness to my esteemed teacher Prof. S. D. Sabnis for giving me invaluable guidance and taking deep sustained interest throughout the course of this work.

Grateful thanks are due to Prof. C. H. Pathak, Head, Department of Botany, for his whole-hearted interest in my work and providing necessary facilities.

I am thankful to the U.G.C. for awarding the Teacher Fellowship under Faculty Improvement Programme.

I am thankful to Sarvajanik Education Society, Surat for granting me duty leave for carrying out this work. The efforts made in this direction by Dr. I. N. Solanky, Dr. C. M. Desai and Dr. K. B. Shah - Principal, P. T. Sarvajanik College of Science, Surat, can never be forgotten.

I express my gratitude to Dr. S. N. Padate, Dr. (Miss) H. K. Patel, Miss N. J. Joglekar for their valuable suggestions.

I am very much thankful to the authorities of Surat Municipal Corporation and Cotton Research Farm for providing maps and meteorological data.

My special thanks are due to my colleagues Sarvashri B. S. Mehta, S. N. Patil, K. S. S. Rao, M. C. Joshi, H. H. De and M. M. Moghe for their help.

Lastly, I must also thank Sarvashri M. C. Kulkarni, P. T. Dindorkar and P. S. Bhoite for their cooperation.

Baroda, June 3, 1980.

J. V. Joshi