ACKNOWLEDGEMENTS

I feel great pleasure in extending my heartfelt thanks to Dr. Sardar Singh, Ph.D. (Cornell), Plant Protection Advisor to the Government of India and Director, Locust Control, Directorate of Plant Protection, Quarantine & Storage, New Delhi, for his able supervision and willing educative guidance in the conduct of this research project and constructive criticism in preparing the manuscript.

I am highly indebted to S. Gurcharan Singh Sohi, Associate Professor of Entomology, College of Agriculture, Ludhiana, for his valuable help and keen interest throughout the course of the present investigations.


Thanks are also due to the Indian Council of Agricultural Research, New Delhi which offered financial assistance during the course of these studies.

Ludhiana, October 30th, 1963.

(BALDEV SINGH CHAHAL)