ACKNOWLEDGEMENT

I deem it to be my proud to express my deep sense of gratitude of Dr. D.V.S. Chauhan, Retd. Professor and Head Department of Agronomy, College of Agriculture, Gwalior (M.P.) for the inspiration and talented guidance, keen interest, valuable suggestions and constructive criticism throughout the progress of this investigation without which the work would not have come to its final shape.

I am extremely grateful to Dr. L.N. Agrawal, Principal, Brahmamand Mahavidyalaya, Rath (Hamirpur), U.P. for providing the all facilities and care to conduct for the present experiment.

I am highly oblige to Dr. U.P. Singh Reader Agronomy, Dr. Varun Pratap Singh Lecturer Agronomy, Shri B.K. Pandey Lecturer Agronomy, Shri Vishram Ram Lecturer Agronomy, Dr. R.D. Mahan Lecturer Agri. Chemistry and all staff members, Brahmamand Mahavidyalaya, Rath (Hamirpur), U.P. for their cooperation and useful suggestions during the course of investigation and preparation of the manuscript.

I am also grateful to Dr. O.P. Mathuriya Prof. Agronomy Oilseed Section, C.S. Azad University of Agriculture and Technology, Kanpur for his valuable suggestions and encouragement during the preparation of the manuscript.
I am deeply obliged to Dr. V.B. Singh, Deptt. of Statistics, College of Agriculture, Gwalior for his statistical guidance.

I am also thankful to Shri Vivek Singh and Ashish Singh for taking pain for good typing of the manuscript in a short time.

My sincere thanks are due to Shri Rajeev Kumar Gupta, Shri Babulal Teacher, Shri Ashok Kumar Singh Rajput, Shri Yogendra Kumar Rawat, Lab. Asstt. who have helped me during the present investigation.

Lastly but not least, my heartiest thanks are due to my children Dr. A.S. Rajput, Mr. Surendra Singh, my daughter who have always kept pace with me to reach at the present stage.

Place : Rath
Dated: 26/05/1982

(Mata Din Lodhi)