Acknowledgements

ACKNOWLEDGEMENT

It is a red letter day. On this day of completing of my thesis, numerous memories being rushed in my mind with full of gratitute to those who encouraged and helped me a lot at various stages of this work. I offer my sincere gratitute to all them.

I owe a lot to Dr.P.D.Chavan, my research guide whole able guidance and inspiration, kind and courteous treatment enabled me to finalise this small piece of work. His deep knowledge helped and taught me so much from bottom of the subject.

It is my duty to offer my sincere thanks to Prof.B.A.

Hegde, Head of the Botany Department for the laboratory facilities and kind cooperation.

My greatful thanks towards Dr.B.A.Kardage for his valuable guidance while carrying out the practical work in the laboratory. It is my pleasant duty to offer thank to Shri A.B.Marathe and Shri R.V.Kulkarni from Chemistry Department, Agriculture College, Kolhapur for their valuable suggestions and providing laboratory facilities.

I express my heartfelt gratitute towards Prof.S.R.Chavan for his fatherly atitudes, his inspiration helped me through out the completion of my work.

It gives me a great pleasure to express my thanks towards my friends Pratima, Chhaya, Shakira, Sou. Vimla Patil for their help and especially to Miss Joyti Oulkar for her punctual photography.

It is my duty to offer thanks to members of Department who helped me from time to time. I extend my thanks towards Shri Ravan for graph tracing and of Shri R.K. Nikam for his nice typing work.

Actually I have no words to thank for my family members; especially Pappa, Mammi and my late Grandmamma Smt. Anandibai Rane. My deep sense of gratitute to my uncle Bhaikaka and Shashimama and especially to my two younger sisters Miss Kalpu and Simu for their best wishes that encourage me to proceed with this work.

Moreover I pray for best wishes and blessings from my residential Godess "Aai - Tulja Bhavani".

Kolhapur

(MISS M.R.RANE)

19 / 11 / 1987.