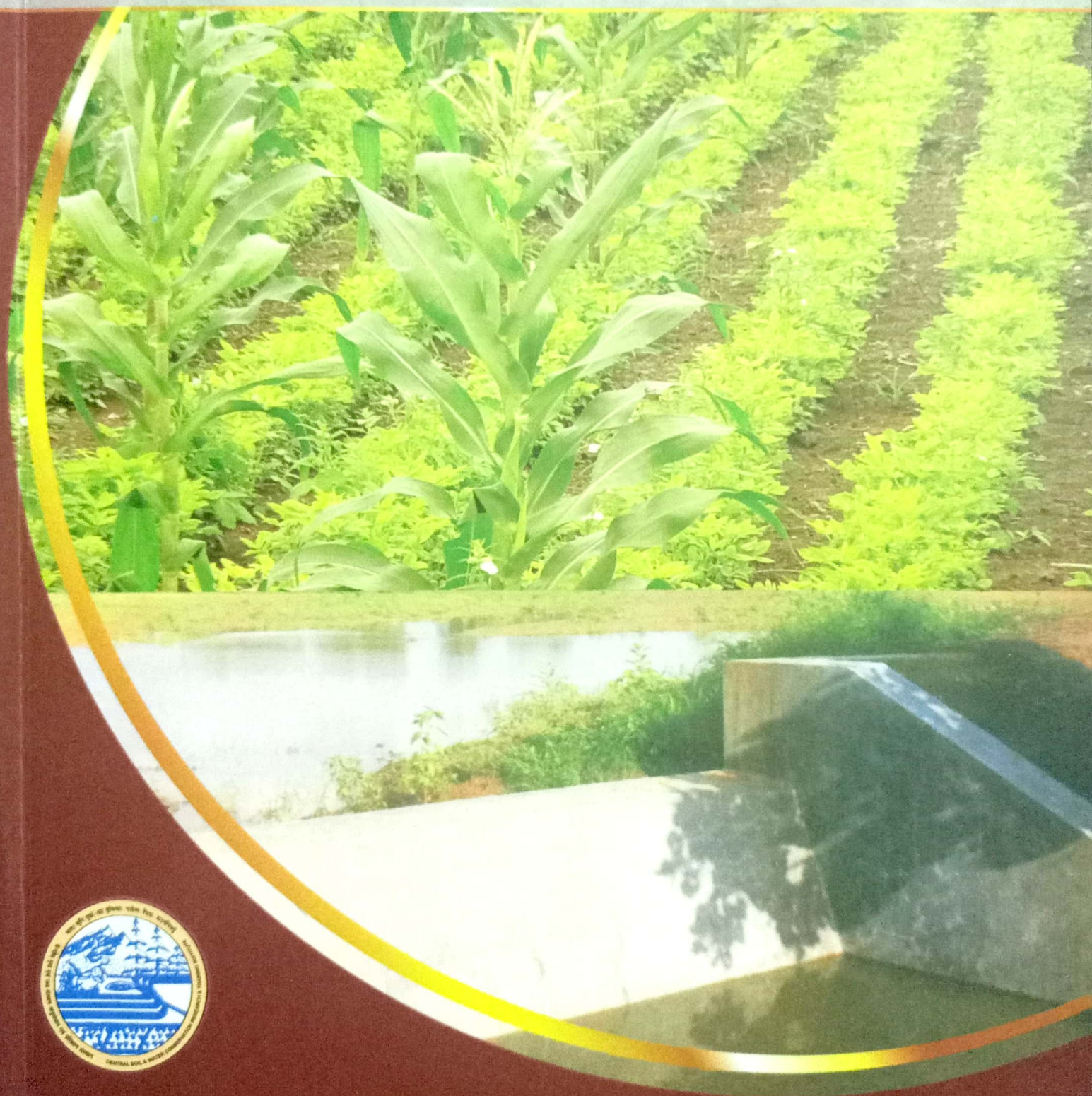




# SOIL AND WATER CONSERVATION TECHNOLOGIES FOR MAHI RAVINE RECLAMATION

G.L. Bagdi • R.S. Kurothe • H.B. Singh



**Central Soil & Water Conservation Research & Training Institute,  
Research Centre, Vasad – 388 306, District - Anand, (Gujarat)**



# CONTENTS

<u>Chapter</u>	<u>Page</u>
Foreword	i
Preface	ii
Acknowledgements	iii
1. Introduction	1
2. Classification of soil & water conservation technologies	2-3
3. Agronomic technologies	4-15
4. Engineering technologies	16-32
5. Forestry technologies	33-37
References	38



## FOREWORD



Adoption of Soil and Water Conservation (SWC) technologies by farmers very much depends on their knowledge and understanding of these technologies for land reclamation and crop improvement. Some farmers in rural area are quick to adopt new technologies of soil and water conservation, however, some are slow to adoption due to lack of proper understanding, high initial investment and non-suitability of a given technology under field conditions.

It was realized that the developed new Soil and Water Conservation technologies are not being transferred or adopted by the farmers at the desired level and farmers are continuing with the traditional SWC technologies. There are several reasons for non-adoption of new technologies by the farmers but one of the important reasons is lack of complete knowledge and understanding to these technologies. Hence, it is imperative to provide the complete information regarding various SWC technologies to farmers in an easily understandable form. This bulletin would help in improving their skills and knowledge in understanding various SWC technologies for ravine reclamation for wider adoption.

This bulletin will also be of immense use to extension scientists in dissemination of Soil and Water Conservation technologies for reclamation of ravine lands and watershed development.

*V. N. Sharda* 23/12/05

( V. N. Sharda )  
Director

Central Soil & Water Conservation  
Research and Training Institute,  
Dehradun 248195, UA