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GOVERNMENT OF MAHARASHTRA

IRRIGATION & POWER DEPARTMENT

REPORT ON THE WORK OF  
THE DIRECTORATE  
OF  
IRRIGATION RESEARCH & DEVELOPMENT

1969-1975

BY

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## PREFACE AND ACKNOWLEDGEMENT.

I have great pleasure in presenting herewith a report on the activities of the Directorate of Irrigation Research and Development during the years 1969 to 1974. The content of the report is as shown in the table that follows.

The research work undertaken by this Directorate relates to the task of putting the irrigation potential in the State of Maharashtra to the most productive use. The nature of the work is multi-disciplinary and it would have been impossible for me to do it without the advice of experts in many other fields such as the management of irrigation, the agronomic aspects of irrigated agriculture, engineering geology, hydro dynamics, techniques such as use of radio active tracers and so on. I am grateful to all the experts in the various fields who have given us the benefits of their advice and shown keen interest in our work.

I am also indebted to my seniors and colleagues for their guidance both in the choice of the subject and on the methodology.

Lastly my thanks are due to the staff of the DIRD for all their hard work and co-operation in the implementation of the various research projects.

The report is written in a manner specifically suited to the non specialist in the fields of soil salinity, agronomy, etc. The organisation will be grateful to receive suggestions and comments.

Technical Note No.2 on "short Duration Sugarcane" deals with a modified sugarcane agronomy proposed by Dr.A.D.Karve, Director, Nimbkar Agricultural Research Institute, Phaltan. The agronomic part of the trial has been attended to by NARI at their cost on the research farm of the DIRD at Phaltan. The co-operation of Dr.Karve and NARI is acknowledged with gratitude.