

**Efficiency of Water Distribution
and
Use on the Land**

U. D. CLASSIFICATION
626.81: 631.811.91

NOTE:

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This Publication is available on sale with the Manager of Publications, Government of India, Civil Lines, Delhi-6.

FOREWORD

For increased food production, creation of irrigation potential is one aspect and its proper utilisation another. Often, there is considerable time-lag between the two and this is attributable to several causes, namely, loss of irrigation waters at various locations and overdose of irrigation waters without any consideration of the type of soil and crop. The resultant factors like water-logging and salinity further retard the progress of irrigation. The subject, therefore, requires careful consideration for proper utilisation of water for maximising food production.

The Central Board of Irrigation and Power at its Thirty-second Annual Research Session held at Ooty in June 1962 organised a Symposium on "Efficiency of Water Distribution and Use on the Land" to take stock of the prevailing practices and consider ways and means to improve upon them. Five papers were presented on the various aspects of the subject by scientists and engineers belonging to State Irrigation Research Stations, Ministry of Food and Agriculture and also Technical Institutions. The symposium was largely attended by State Irrigation Chief Engineers, Directors and Researchers from various Research Stations, Officers of Indian Council of Agricultural Research and the subject was broadly discussed.

A Sub-Committee consisting of Sarvashri D. B. Anand, A. R. Venkataraman, Baleshwar Nath, J. P. Mital, K. V. Ekambaram and J. P. Naegamvala was formed to examine the various issues arising as a result of discussion and bring out recommendations for implementation by Irrigation and Agriculture Departments.

The recommendations of the Sub-Committee, symposium papers and discussions have been compiled in the present publication for use by Irrigation and Agriculture officers and research workers. The Board is thankful to the authors of the papers and the participants who largely contributed to the success of the Symposium and Sub-Committee members in finalising the recommendations.

NEW DELHI;

August 1967

S. N. GUPTA,

Secretary,

Central Board of Irrigation and Power.

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