

Indian Central Cotton Committee
Technological Laboratory.

Technological reports on standard
Indian cottons.

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Indian Central Cotton Committee
Technological Laboratory

TECHNOLOGICAL REPORTS
ON
STANDARD INDIAN COTTONS
1931

BY

NAZIR AHMAD, M.Sc., Ph.D.,

Director, Technological Laboratory, Matunga, Bombay.



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PREFACE.

THE term "Standard Indian Cottons" is applied to certain improved varieties of cotton which, in several parts of India, are steadily replacing the older varieties, and which, at present, cover some 15 per cent. of the total area under cotton cultivation. It is the practice at the Technological Laboratory to subject the standard cottons of each season to a very thorough test. The Technological Reports included in the present bulletin contain the results of these tests on standard cottons of eight seasons, *viz.*, 1923-31, together with the Agricultural Details, the Grader's valuation report, and the Spinning Master's report on each cotton, the details of machinery, treatment, waste percentages, yarn-breakages and the physical conditions prevailing in the Laboratory. The general plan followed in each report is the same as in the past years, with this difference that the values for the work of rupture of alea, as found by the ballistic method, are included for the first time.

Last year a Bombay cotton—Wagad 4—was omitted from the list of the standard cottons. This year a Punjab cotton—Punjab-American 285F—has been left out. This cotton has not only given a poor average yield over several seasons, but has been found highly susceptible to climatic conditions, and has practically gone out of cultivation.

My thanks are due to my predecessor Dr. A. James Turner, from whose bulletin "Technological Reports on Standard Indian Cottons, 1930" I have not only lifted bodily the reports on the three American cottons, but have also derived much help in the writing of the Introduction.

I have also to acknowledge my great indebtedness to W. Ellis Jones, Esq., and other members of the East India Cotton Association for the Grader's Reports, the Agricultural Officers for the supply of the standard cottons and the agricultural details concerning them, and the Spinning Master (Mr. R. P. Richardson) and the staff of the Technological Laboratory for their co-operation in carrying out the tests and the compilation of the results.

N. A.

July 1931.

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