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# Statistical Methods in Agriculture and Experimental Biology, Second Edition (Chapman Hall Statistics Text Series)

*R. N. Curnow and A. M. Hasted, R. Mead*
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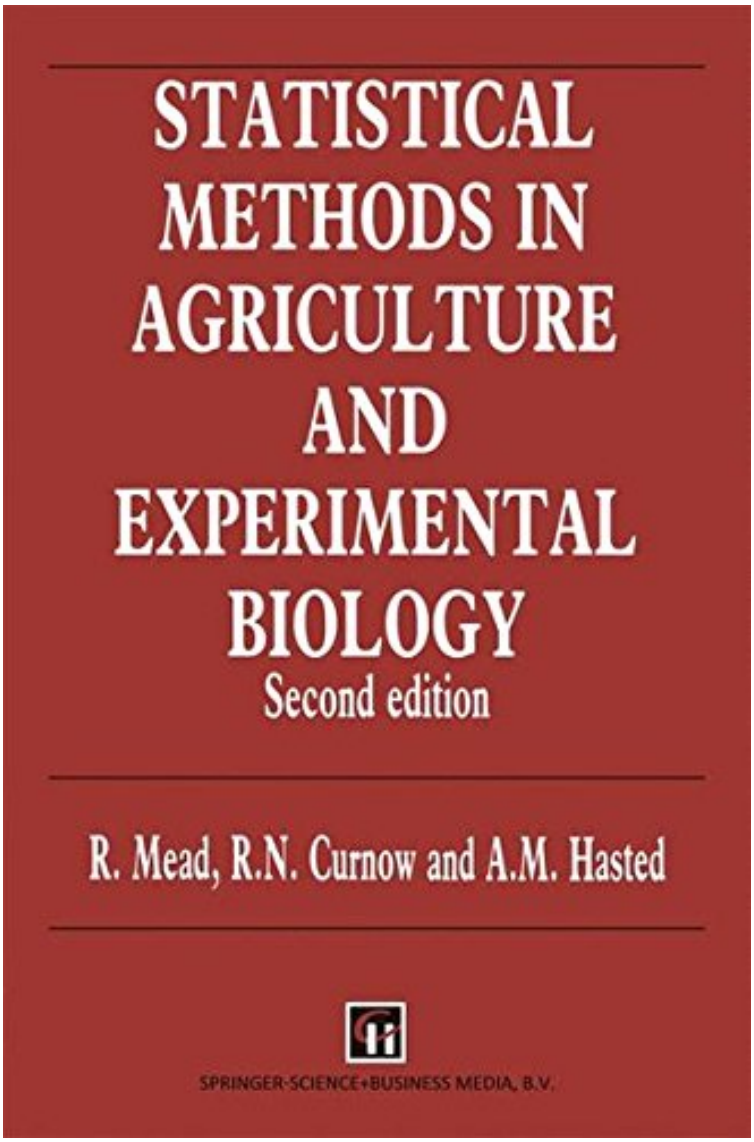


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**R. N. Curnow and A. M. Hasted, R. Mead : Statistical Methods in Agriculture and Experimental Biology, Second Edition (Chapman Hall Statistics Text Series)** before purchasing it in order to gage whether or not it would be worth my time, and all praised Statistical Methods in Agriculture and Experimental Biology, Second Edition

(Chapman Hall Statistics Text Series):

This is an introductory text for scientists working in agriculture and experimental biology. It is appropriate for use as a textbook for undergraduate or postgraduate students of these subjects and includes all the basic statistical methods which are appropriate to the work of such scientists. The book also includes material on more advanced topics not usually discussed in an introductory text, including multiple regression, incomplete block experimental design, confounded and split-plot experimental designs, non-linear and log-linear models, and repeated measurements. The authors believe that research scientists should be aware of the potential benefits of these more advanced methods in their work. The second edition includes new material on the effective use of computers for statistical analysis, and shows how information is provided for, and obtained from, statistical packages. There is increased emphasis on the role of models in analyzing data, and on the flexibility provided by general linear model procedures in computer packages. There is also a new chapter on the analysis of multiple and repeated measurements. The book lays particular emphasis on the assumptions implicit in statistical methods and includes a chapter devoted solely to this important aspect. It also emphasizes the importance of designing experiments properly, particularly in using small, natural blocks and factorial treatment structure, and of using available resources efficiently. Throughout the book, the authors concentrate on the understanding needed for using statistical methods and for using statistical computer packages. The methods and the interpretation of results are illustrated by carefully described worked examples and further data sets are provided as exercises for the reader.