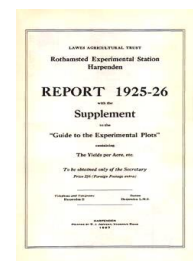


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## Report 1925-26 With the Supplement to the Guide to the Experimental Plots



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### Summaries of Papers Published, 1924, 1925 - II. Technical Papers

#### Rothamsted Research

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### GENERAL.

- LXXIV. E. J. RUSSELL. "*Agriculture : Scientific Developments.*" Encyclopædia Britannica, 13th Edition.
- LXXV. E. J. RUSSELL. "*The Place of Science in Rural Life.*" Transactions of the South-Eastern Union of Scientific Societies, 1926.
- LXXVI. E. J. RUSSELL. "*Investigations in Agricultural Science at Rothamsted.*" Journal of the Royal Society of Arts, 1926. Vol. LXXIV., pp. 346-359.
- LXXVII. E. J. RUSSELL. "*Agricultural Science and Arable Farming in 1925.*" National Farmers' Union Year Book, 1926.
- LXXVIII. E. J. RUSSELL. "*Field Experiments : How they are Made and What they Are.*" Journal of the Ministry of Agriculture, 1926. Vol. XXXII., pp. 989-1001.
- LXXIX. R. A. FISHER. "*The Arrangement of Field Experiments.*" Journal of the Ministry of Agriculture, 1926. Vol. XXXIII., pp. 503-513.
- LXXX. E. J. RUSSELL. "*Field Experiments at Rothamsted during 1923 and 1924.*" Journal of the Ministry of Agriculture, 1925. Vol. XXXII., pp. 393-409.
- LXXXI. E. J. RUSSELL. "*The Feeding of Plants : Old and New Ideas.*" The Alchemist. Vol. I., No. 4.
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- LXXXIII. E. J. RUSSELL. "*Regional Surveys and Scientific Societies.*" Proceedings of the British Association, 1926. Presidential Address to the Conference of Delegates.
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CROPS, SOILS AND FERTILISERS.

(a) CROPS.

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- CIV. H. J. PAGE. Articles on "*Soils and Fertilisers.*" In the *Society of Chemical Industry Annual Reports on Applied Chemistry*, 1925. Vol. X., pp. 343-457; 1926, Vol. XI., pp. 452-479.
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- CXI. H. J. PAGE. "*The Value of Calcium Cyanamide as a Fertiliser.*" *Fertiliser, Feeding Stuffs and Farm Supplies Journal*, 1925. Vol. X., pp. 871-873.
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- CXXI. WM. B. BRIERLEY. "*Progress in the Biological Sciences, 1925.*" "*Progress in the Biological Sciences, 1926.*" Annual Register, 1925, 1926.

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- BRENCHLEY, WINIFRED E. "*Inorganic Plant Poisons and Stimulants.*" Second Edition, revised and enlarged, 1927. The University Press, Cambridge. 10/6.
- BRENCHLEY, W. E. "*Die Rothamsteder Wiesendüngungversuche,*" 1926. (German translation of "*Manuring of Grassland for Hay.*" By Prof. C. A. Weber.)
- IMMS., A. D., M.A., D.Sc. "*A General Textbook of Entomology.*" 1925. Methuen & Co., Essex Street, Strand. London, W.C.2. 36/-.

A general textbook for the use of the research worker, advanced student and teacher. Its aim has been to present the chief facts concerning the structure, physiology, development and classification of insects and the biology of their more important representatives. It is the outcome of a number of years' experience of the need for an up-to-date book covering these fields and is an attempt to meet that requirement. The subject of Applied Entomology has assumed paramount importance in relation to agriculture, forestry, medicine and other aspects of human welfare. Separate textbooks are available dealing individually with those several branches. Experience, however, has borne out that success in any branch of applied science is dependent upon a thorough grasp of the principles of that science. In this connection, therefore, it is hoped that the present work will find its place and be found of value to workers in Applied Entomology scattered throughout British Dominions.

- SANDON, H. "*The Composition and Distribution of the Protozoan Fauna of the Soil.*" 1927. (Biological Monographs and Manuals), Oliver & Boyd. Edinburgh. 15/-.

In this volume the scattered records of the occurrence of protozoa in soils are collected together and compared with the observations made at Rothamsted, with the object of analysing the factors influencing their distribution and abundance in the soil. Descriptions are added of most of the forms known to occur, with keys for their identification and figures of many of the commoner species.

RUSSELL, Sir E. J. "*Plant Nutrition and Crop Production*" (being the Hitchcock Lectures, 1924, University of California). The University of California Press and the University Press, Cambridge. 12/6.

RUSSELL, E. J. "*Soil Conditions and Plant Growth.*" Fifth Edition, 1926. Longmans, Green & Co., 39 Paternoster Row, London, E.C.4. 18/-.

"*A Descriptive Catalogue of Printed Books on Agriculture from 1471 to 1840, contained in the Rothamsted Library.*" 1925. Cloth cover, 12/-; paper cover, 10/-.

This catalogue deals with the 1,500 books in the Rothamsted Experimental Station Library published between the years 1471 and 1840 on agriculture and related subjects. It includes biographical notices, compiled by Miss Aslin, of the authors, and short descriptions of the more important books with illustrations of those of unusual interest and rarity. Besides the list of authors there is a chronological list of the books, arranged under countries, of great importance to students of the history of agriculture and made interesting to the general reader by Miss Aslin's notes on contemporary events. This is the first time the chronological information has been available in such complete form.