

Thank you for using eradoc, a platform to publish electronic copies of the Rothamsted Documents. Your requested document has been scanned from original documents. If you find this document is not readable, or you suspect there are some problems, please let us know and we will correct that.



ROTHAMSTED  
RESEARCH

## Report for 1933

[Full Table of Content](#)



---

## Publications of Rothamsted Experimental Station

### Rothamsted Research

Rothamsted Research (1934) *Publications of Rothamsted Experimental Station ; Report For 1933*, pp 12 - 15 - DOI: <https://doi.org/10.23637/ERADOC-1-3>

## Publications of the Rothamsted Experimental Station

### For Farmers

- "MANURING FOR HIGHER CROP PRODUCTION," by Sir E. J. Russell, D.Sc., F.R.S. 1917. The University Press, Cambridge. 5/6.
- "ARTIFICIAL FERTILISERS IN MODERN AGRICULTURE," by Sir E. J. Russell, D.Sc., F.R.S. Bulletin No. 28, Ministry of Agriculture and Fisheries, Second Edition revised 1933. H.M. Stationery Office, or from the Secretary, Rothamsted Experimental Station, Harpenden. Cloth, 4/6 post free; or paper cover, 3/5 post free.
- "WEEDS OF FARMLAND," by Winifred E. Brenchley, D.Sc., F.L.S. 1920. Longmans, Green & Co., 39 Paternoster Row, London, E.C.4. 12/6.

ROTHAMSTED CONFERENCE REPORTS; being papers by practical farmers and scientific experts. Obtainable from the Secretary, Rothamsted Experimental Station, Harpenden, Herts.

- "THE MANURING OF POTATOES." 1/6.
- (1)\*"THE GROWING OF LUCERNE." 1/6.
- (2) "THE CULTURE AND MANURING OF FODDER CROPS." 1/6.
- (3) "GREEN MANURING: ITS POSSIBILITIES AND LIMITATIONS IN PRACTICE." 2/-
- (4) "THE CULTURE AND MANURING OF SUGAR BEET." 2/6.
- (5) "ART AND SCIENCE OF CULTIVATION." 2/-.
- (6) "POWER FOR CULTIVATION AND HAULAGE ON THE FARM." 2/6.
- (7) "MALTING BARLEY." 2/6.
- (8) "RECENT CHANGES IN SYSTEMS OF HUSBANDRY IN ENGLAND." 2/6.
- (9) "THE HERTFORDSHIRE AGRICULTURAL SITUATION: CAN IT BE IMPROVED?" 2/-.
- (10) "THE GROWTH OF CHEAPER WINTER FOOD FOR LIVE STOCK." 2/6.
- (11) "THE MAKING OF NEW GRASSLAND: EXPERIENCES OF PRACTICAL FARMERS." 2/6.
- (12) "THE PLACE AND MANAGEMENT OF SHEEP IN MODERN FARMING." 1/6.
- (13) "THE TECHNIQUE OF FIELD EXPERIMENTS." 1/6.
- (14) "MECHANIZATION AND BRITISH AGRICULTURE." 2/6.
- (15) "RECENT DEVELOPMENTS IN MARKET GARDENING." 2/-.
- (16) "PROBLEMS OF POTATO GROWING." 2/-.
- (17) "MODERN CHANGES IN THE TREATMENT OF LIGHT SOILS." 2/-.

Numbers 1 to 15 inclusive are also published in book form:—  
Vol. I (1-5), Vol. II (6-10), Vol. III (11-15), 10/- each, postage extra.

\*Out of print in separate copies.

**For Students and Agricultural Experts**

- "THE ROTHAMSTED MEMOIRS ON AGRICULTURAL SCIENCE." Octavo Series, vols. 1-7 (1847-1898), 30/- each. Royal octavo, vol. 8 (1900-1912), vol. 9 (1909-1916), vol. 10 (1916-1920), vol. 11 (1920-1922), 32/6 each, vol. 12 (1922-1925), vol. 13 (1925-1927), 33/6 each, vol. 14 (1928-1930), 35/-, vol. 15 (1922-1931), vol. 16 (1922-1932), 36/- each. Postage extra. Obtainable from the Secretary, Rothamsted Experimental Station, Harpenden, Herts.
- "THE ROTHAMSTED MONOGRAPHS ON AGRICULTURAL SCIENCE," edited by Sir E. J. Russell, D.Sc., F.R.S.
- "SOIL CONDITIONS AND PLANT GROWTH," by E. J. Russell, D.Sc., F.R.S. Sixth Edition. 1931. Longmans, Green & Co., 39 Paternoster Row, London, E.C.4. 21/-.
- "THE MICRO-ORGANISMS OF THE SOIL," by E. J. Russell and Staff of the Rothamsted Experimental Station, 1923, Longmans, Green & Co., 39 Paternoster Row, London, E.C.4. 7/6.
- "MANURING OF GRASSLAND FOR HAY," by Winifred E. Brenchley, D.Sc., F.L.S. 1924. Longmans, Green & Co., 39 Paternoster Row, London, E.C.4. 12/6.
- "A LIST OF BRITISH AFHIDES" (including notes on their recorded distribution and food-plants in Britain and a food-plant index), by J. Davidson, D.Sc., F.L.S. 1925. Longmans, Green & Co., 39 Paternoster Row, London, E.C.4. 12/6.
- "THE PHYSICAL PROPERTIES OF THE SOIL" (with illustrations and diagrams), by B. A. Keen, D.Sc. 1931. Longmans, Green & Co., 39 Paternoster Row, London, E.C.4. 21/-.
- "PLANT NUTRITION AND CROP PRODUCTION" (being the Hitchcock Lectures, 1924, University of California), by E. J. Russell, D.Sc., F.R.S. The University of California Press and the University Press, Cambridge. 12/6.
- "INORGANIC PLANT POISONS AND STIMULANTS," by Winifred E. Brenchley, D.Sc., F.L.S. Second Edition, revised and enlarged, 1927. The University Press, Cambridge. 10/6.
- "RECENT ADVANCES IN ENTOMOLOGY," by A. D. Imms, M.A., D.Sc., F.R.S. (with illustrations), 1930. J. & A. Churchill, 40 Gloucester Place, London, W.1. 12/6.
- "A GENERAL TEXTBOOK OF ENTOMOLOGY," by A. D. Imms, M.A., D.Sc., F.R.S. Second Edition, revised, 1930. Methuen & Co., Essex Street, Strand, London, W.C.2. 36/-.
- "SOCIAL BEHAVIOUR IN INSECTS," 1931, by A. D. Imms, M.A., D.Sc., F.R.S. Methuen's Monographs on Biological Subjects, 3/6.
- "STATISTICAL METHODS FOR RESEARCH WORKERS," by R. A. Fisher, M.A., Sc.D., F.R.S. Fourth Edition, revised and enlarged, 1933. Oliver & Boyd, Edinburgh. 15/-.
- "THE COMPOSITION AND DISTRIBUTION OF THE PROTOZOAN FAUNA OF THE SOIL," by H. Sandon, M.A. 1927. Oliver & Boyd, Edinburgh. 15/-.

The following are obtainable from the Secretary, Rothamsted Experimental Station, Harpenden, Herts :

- " AGRICULTURAL INVESTIGATIONS AT ROTHAMSTED, ENGLAND, DURING A PERIOD OF 50 YEARS," by Sir Joseph Henry Gilbert, M.A., LL.D., F.R.S., etc. 1895. 3/6.
- " GUIDE TO THE EXPERIMENTAL PLOTS, ROTHAMSTED EXPERIMENTAL STATION, HARPENDEN." 1913. John Murray, 50 Albemarle Street, W. 1/-.
- " GUIDE TO THE EXPERIMENTAL FARM, ROTHAMSTED."
- " GUIDE FOR VISITORS TO THE FARM AND LABORATORY, WOBURN." 1929.
- " CATALOGUE OF JOURNALS AND PERIODICALS IN THE ROTHAMSTED LIBRARY." 1921. 2/6.
- " A DESCRIPTIVE CATALOGUE OF PRINTED BOOKS ON AGRICULTURE FROM 1471 TO 1840, CONTAINED IN THE ROTHAMSTED LIBRARY " (including Biographical notices of the authors and short descriptions of the important books). 1926. 331 pp. 22 illustrations. Cloth cover, 12/- ; paper cover, 10/-. Packing and postage extra :—British Isles, 9d. ; Overseas, Dominions and other countries, 1/3.

THE ROTHAMSTED EXPERIMENTAL STATION REPORTS :

|                        |          |                       |      |
|------------------------|----------|-----------------------|------|
| 1908-1914 (annual).    | 1/- each | 1927-1928 (biennial). | 2/6. |
| 1915-1927 (triennial). | 2/6.     | 1929 (annual).        | 2/6. |
| 1918-1920 (triennial). | 2/6.     | 1930 (annual).        | 2/6. |
| 1921-1922 (biennial).  | 2/6.     | 1931 (annual).        | 2/6. |
| 1923-1924 (biennial).  | 2/6.     | 1932 (annual).        | 2/6. |
| 1925-1926 (biennial).  | 2/6.     | 1933 (annual).        | 2/6. |

Foreign postage extra.

" RECORDS OF THE ROTHAMSTED STAFF, HARPENDEN," containing personal notes and accounts of events at Rothamsted past and present, and of past members of the Staff. Published annually. No. 1, 1929. No 2, 1930. No. 3, 1931. No. 4, 1933. 2/- each. Post free. Subscription for first five issues, 7/6, payable in advance.

**For use in Farm Institutes**

" A STUDENT'S BOOK ON SOILS AND MANURES," by E. J. Russell, D.Sc., F.R.S. The University Press, Cambridge. 8/-.

**For use in Schools**

" LESSONS ON SOIL," by E. J. Russell, D.Sc., F.R.S. 1926. The University Press, Cambridge. 3/-.

### For General Readers

- "THE FARM AND THE NATION," by E. J. Russell. 1933. George Allen and Unwin, Ltd. 40 Museum Street, London, W.C.1. 7/6.
- "THE FERTILITY OF THE SOIL," by E. J. Russell. The University Press, Cambridge. 4/-.
- "THE POSSIBILITIES OF BRITISH AGRICULTURE," by Sir Henry Rew, K.C.B., and Sir E. J. Russell, D.Sc., F.R.S. 1923. 1/- . Obtainable from the Secretary, Rothamsted Experimental Station, Harpenden, Herts.
- "PERSONAL REMINISCENCES OF ROTHAMSTED EXPERIMENTAL STATION," 1872-1922, by E. Grey, formerly Superintendent of the Experimental Fields, 5/- . Obtainable from the Secretary Rothamsted Experimental Station, Harpenden, Herts.

### Translations into other Languages

The following translations of books by E. J. Russell were, published during the year :

Into RUSSIAN : "SOIL CONDITIONS AND PLANT GROWTH." Moscow, 1933. Trans. by K. B. Kotchekoff. (An earlier translation appeared in 1931.)

Into ARMENIAN : "PLANT NUTRITION and CROP PRODUCTION." Erivan 1933. Trans. by Prof. Kalantarian. (A Russian translation was published at Moscow in 1930.)

Into UKRAINIAN : "MICRO-ORGANISMS OF THE SOIL." Kief, 1932. Trans. by P. K. Silakov.

The last edition of "SOIL CONDITIONS AND PLANT GROWTH" was also reproduced photographically in China, outside the copy-right convention.

### Other Books by Members of the Staff

"EVOLUTION, HEREDITY AND VARIATION," by D. W. Cutler, M.A. F.L.S. 1932. Christophers, 22 Berners Street, London, W.1. 4/6.

"THE GENETICAL THEORY OF NATURAL SELECTION," by R. A. Fisher, M.A., Sc.D., F.R.S. 1930. Clarendon Press, Oxford, 17/6.

### Mezzotint Engravings

Mezzotint Engravings of Portraits of the Founders of the Station, Sir J. B. Lawes (H. Herkomer) and Sir J. H. Gilbert (F. O. Salisbury), by Julia Clutterbuck, A.R.E.

Signed Engravers' Proofs on India Paper, £4 4s. each.

Ordinary Lettered Proofs on hand-made paper, £2 2s. each.

To be obtained from the Secretary, Rothamsted Experimental Station, Harpenden, Herts.

### Plans and Drawings of the old Rothamsted Laboratory, 1852

These drawings show the old Rothamsted Laboratory erected in 1851, the first important laboratory devoted to agricultural science, and the one in which much of the classical work of Lawes and Gilbert was done ; it survived till 1914.

The size of the volume is 21½ in. by 14½ in. ; it consists of four full page lithographs made from drawings by Charles Lawes, son of Sir J. B. Lawes. £1 per copy (post free).