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ROTHAMSTED  
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## Report for 1935

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## Publications of Rothamsted Experimental Station

### Rothamsted Research

Rothamsted Research (1936) *Publications of Rothamsted Experimental Station ; Report For 1935*, pp 13 - 16 - DOI: <https://doi.org/10.23637/ERADOC-1-67>

## 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 FERTILIZERS 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.
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  - (8) "RECENT CHANGES IN SYSTEMS OF HUSBANDRY IN ENGLAND." 2/6.
  - (9) "THE HERTFORDSHIRE AGRICULTURAL SITUATION: CAN IT BE IMPROVED?" 2/-.
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  - (11) "THE MAKING OF NEW GRASSLAND: EXPERIENCES OF PRACTICAL FARMERS." 2/6.
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  - (13) "THE TECHNIQUE OF FIELD EXPERIMENTS." 1/6.
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  - (15) "RECENT DEVELOPMENTS IN MARKET GARDENING." 2/-.
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  - (21) "THE USE OF ELECTRICITY IN AGRICULTURE." 2/-.

Numbers 1 to 20 inclusive are also published in book form:—  
Vol. I (1-5), Vol. II (6-10), Vol. III (11-15), Vol. IV (16-20),  
10/- each, postage extra.

\*Out of print in separate copies, but obtainable in bound volumes.

**For Students and Agricultural Experts**

- “THE ROTHAMSTED MEMOIRS ON AGRICULTURAL SCIENCE.”  
Quarto Series, vol. 4 (1914-1934), 20/-. 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) vol. 17 (1931-1933), vol. 18 (1923-1934), vol. 19 (1933-1935), 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 APHIDES” (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” by B. A. Keen, D.Sc., F.R.S. 1931. Longmans, Green & Co. 39 Paternoster Row, London, E.C.4. 21/-.
- “PROBLEMS IN SOIL MICROBIOLOGY,” by D. Ward Cutler, M.A., and Lettice M. Crump, M.Sc. 1935. Longmans, Green & Co., 39 Paternoster Row, London, E.C.4. 9/-.
- “FIFTY YEARS OF FIELD EXPERIMENTS AT THE WOBURN EXPERIMENTAL STATION” by E. J. Russell, D.Sc., F.R.S., and J. A. Voelcker, C.I.E., M.A. Ph. D., with a Statistical Report by W. G. Cochran, B.A., (Rothamsted Statistical Department). 1936. 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.

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.

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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. No. 5, 1935. 2/- each. Post free. Subscription for first five issues, 7/6.

**For use in Farm Institutes**

- “ A STUDENTS 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, D.Sc., F.R.S. 1933. George Allen and Unwin, Ltd. 40 Museum Street, London, W.C.1. 7/6.

- "THE FERTILITY OF THE SOIL," by E. J. Russell, D.Sc., F.R.S. 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.
- "COTTAGE LIFE IN A HERTFORDSHIRE VILLAGE," by E. Grey. 1935. A companion volume to "PERSONAL REMINISCENCES OF ROTHAMSTED EXPERIMENTAL STATION." Fisher, Knight & Co., St. Albans, 3/6. Obtainable from the Secretary, Rothamsted Experimental Station, Harpenden, Herts.

#### **Translations into other Languages during 1935**

The following translations of books by members of the staff were published during the year:—

- Into GERMAN: "SOIL CONDITIONS AND PLANT GROWTH" (Boden und Pflanze), 1936, by Sir E. J. Russell, D.Sc., F.R.S. Verlag von Theodor Steinkopff, Dresden and Leipzig. Trans. by Dr. K. W. Müller.
- Into RUSSIAN: "THE PHYSICAL PROPERTIES OF THE SOIL," by B. A. Keen, D.Sc., F.R.S., 1935. Trans. by V. P. Jhouzé and I. U. N'elidof; edited by A. F. Joffé.

#### **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.

#### **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).