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## Rothamsted Report for 1936

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### Biological

#### Rothamsted Research

Rothamsted Research (1937) *Biological* ; Rothamsted Report For 1936, pp 153 - 154 - DOI:  
<https://doi.org/10.23637/ERADOC-1-68>

LXXXII. E. J. RUSSELL. "*Manures and Malting Barley.*" Farmer and Stockbreeder, 1936, Vol. L, pp. 326-327.

LXXXIII. E. M. CROWTHER. "*The Lesser-known Plant Foods.*" Farmer and Stockbreeder, February 23rd 1937, Vol. LI, p. 475.

LXXXIV. E. M. CROWTHER. "*Soils and Fertilisers.*" Reports on the Progress of Applied Chemistry, 1936, Vol. XXI, pp. 562-588.

LXXXV. E. M. CROWTHER. "*The Technique of Modern Field Experiments.*" Journal of the Royal Agricultural Society of England, 1936, Vol. XCVII, pp. 54-81.

The main steps in the development of the technique and co-ordination of field experimentation during the past century are reviewed and some of the more recent developments are illustrated.

LXXXVI. B. A. KEEN. "*The Functions of Mechanical Power in Soil Cultivation.*" Proceedings of the Institution of Automobile Engineers, 1935, Vol. XXIX, pp. 179-194.

LXXXVII. B. A. KEEN. "*A Miscellaneous Causerie on Current Agricultural and Engineering Topics. V. Tillage and Power.*" The Implement and Machinery Review, 1936, Vol. LXII, p. 381.

LXXXVIII. F. YATES and W. G. COCHRAN. "*Sampling Observations on Wheat.*" Journal of the Ministry of Agriculture, 1936, Vol. XLII, pp. 1202-1204; 1937, Vol. XLIII, pp. 208-210, 517-519, 620-624.

LXXXIX. A. G. NORMAN. "*Chemical Nature of the Jute Fibre.*" pp. 7-11 in S. G. Barker, "*Jute Research in 1935-36.*" Indian Jute Mills Association.

XC. M. F. NORMAN and A. G. NORMAN. "*Nutrition and the Halogens.*" Food Manufacture, 1937, Vol. XII, pp. 5-7.

XCI. HUGH NICOL. "*The Utilisation of Atmospheric Nitrogen by Mixed Crops.*" Monthly Bulletin of Agricultural Science and Practice (International Review of Agriculture), 1936, pp. 201T-216T, 241T-256T.

Appendix II contains suggestions for the planning of pot and field experiments upon associated crops.

XCII. HUGH NICOL. "*The Two Ends of Straw.*" Chemistry and Industry, 1936, Vol. 55, pp. 560-562.

XCIII. HUGH NICOL. "*Die zwei Enden des Strohs.*" Jahrbuch der Gesellschaft für Geschichte und Literatur der Landwirtschaft. Vol. XXXV, pp. 65-70.

XCIV. HUGH NICOL. "*Some Scientific Advances of Interest to Dairy Farmers.*" Journal of the British Dairy Farmers' Association. 1936, Vol. XLVIII, pp. 3-12.

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XCv. C. B. WILLIAMS. "*Our Butterfly Visitors from Abroad.*" Country Side, Spring, 1936.

XCvi. H. F. BARNES. "*Insect Fluctuations: Population Studies in the Gall Midges (Cecidomyiidae).*" Annals of Applied Biology, 1936, Vol. XXIII, pp. 433-440.

XCvii. K. J. GRANT. "*Studies of Migrant Insects.*" Biology, 1936, Vol. II, pp. 214-219.

- xcviii. H. F. BARNES. "*Recent Advances in Entomology.*" Science Progress, 1936, Vol. XXX, pp. 503-510.
- xcix. H. F. BARNES. "*Recent Advances in Entomology.*" Science Progress, 1936, Vol. XXXI, pp. 123-130.
- c. C. B. WILLIAMS. "*British Immigrant Butterflies and Moths.*" British Museum (Natural History) Pamphlet E. 57, 1935, pp. 1-8.
- ci. J. G. DAVIS and H. L. A. TARR. "*Relation of so-called Streptococcus apis to Certain Lactic Acid Streptococci.*" Nature, 1936, Vol. CXXXVIII, p. 763.
- cii. A. C. EVANS. "*The Physiology of the Sheep Blow-fly Lucilia sericata Meig. (Diptera).*" Transactions of the Royal Entomological Society of London, 1936, Vol. LXXV, pp. 363-378.
- ciii. H. L. A. TARR. "*Abridged Report of the Brood Disease Investigation for the Year ending September 30th, 1936.*" The Bee World, Vol. XVII, 1936, p. 126. (Also in Bee Craft, 1936, British Bee Journal, 1936.)
- civ. H. L. A. TARR. "*Brood Diseases in England : the Results of a Three year Investigation.*" Rothamsted Conferences, 1936, No. 22, pp. 7-16.