

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

# Rothamsted Report for 1932

[Full Table of Content](#)



---

## Contents

### Rothamsted Research

Rothamsted Research (1933) *Contents* ; Rothamsted Report For 1932, pp 4 - 5 - DOI:  
<https://doi.org/10.23637/ERADOC-1-64>

## Contents

	<i>Page</i>
Experimental Station Staff .. .. .	6-10
Members who have left since last Report .. ..	10
List of Temporary Workers, 1932 .. .. .	10
Imperial Bureau of Soil Science .. .. .	11
Publications of the Station .. .. .	12-15
Introduction—General Account of Rothamsted .. ..	16-18
Report for the Year 1932 .. .. .	19-66
IMPROVEMENTS AT THE FARM .. .. .	19-21
FIELD EXPERIMENTS .. .. .	21-30
Sugar Beet .. .. .	22-24
Potatoes .. .. .	25-26
Fodder Crops .. .. .	26-28
Inoculation of Legumes .. .. .	28-30
Six Course Rotation Experiment .. .. .	30-31
Cereals under Mechanised Conditions .. ..	31-32
Valuation of Farmyard Manure .. .. .	32-33
Effect of Leys or Fallow before Wheat .. ..	33-35
Barley .. .. .	35-40
COMPOSITION OF THE BARLEY CROP .. .. .	40-42
PHYSICAL PROPERTIES OF SOIL .. .. .	42-43
CHEMICAL PROPERTIES OF SOIL .. .. .	43-44
BIOLOGICAL DECOMPOSITION OF ORGANIC MATTER ..	44-45
Purification of Effluents .. .. .	45
PLANT PATHOLOGY .. .. .	45-47
Virus Diseases .. .. .	46-47
INSECT PESTS .. .. .	47-49
BEES .. .. .	49
INSECTICIDES .. .. .	49-50
SURVEY OF INSECT PESTS AT ROTHAMSTED AND WOBURN	50-52
SURVEY OF FUNGUS DISEASES AT ROTHAMSTED AND WOBURN .. .. .	52-55
ROTHAMSTED FARM REPORT .. .. .	55-64
METEOROLOGICAL OBSERVATIONS .. .. .	64-66

	<i>Page</i>
<b>Summaries of Papers Published in 1932—</b>	
<b>I.—Scientific Papers :</b> .. .. .	67-90
PLANT GROWTH, PLANT PRODUCTS AND ACTION OF MANURES .. .. .	67-73
STATISTICAL METHODS AND RESULTS .. .. .	73-78
THE SOIL .. .. .	78-82
MICROBIOLOGY .. .. .	83-87
THE PLANT IN DISEASE : CONTROL OF DISEASE .. .. .	87-90
<b>II.—Technical and Other Papers</b> .. .. .	91-93
GENERAL .. .. .	91
CROPS, SOILS AND FERTILISERS .. .. .	91-92
BIOLOGICAL .. .. .	92-93
<b>Books Published since 1931</b> .. .. .	93
<b>Woburn Experimental Farm :</b>	
Report for 1932 by Dr. J. A. Voelcker .. .. .	94-100
Report by Mr. H. G. Miller .. .. .	100-102
Dates of Operations, and yields .. .. .	103-106
<b>Yields of Experimental Plots, 1932 :</b>	
DATES OF OPERATIONS, AND YIELDS .. .. .	108-114
THE CLASSICAL EXPERIMENTS .. .. .	115-126
CONTINUOUS ROTATION EXPERIMENTS .. .. .	127-135
OTHER EXPERIMENTS AT ROTHAMSTED .. .. .	136-162
OTHER EXPERIMENTS AT WOBURN .. .. .	163-168
EXPERIMENTS AT OUTSIDE CENTRES .. .. .	169-226
<b>Trustees and Committee of Management :</b>	
Lawes Agricultural Trust .. .. .	227
<b>Society for Extending the Rothamsted Experiments</b> .. .. .	227