

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 1938

[Full Table of Content](#)



## Contents

### Rothamsted Research

Rothamsted Research (1939) *Contents* ; Rothamsted Report For 1938, pp 4 - 5 - DOI:  
<https://doi.org/10.23637/ERADOC-1-86>

## CONTENTS

	Page
<b>Experimental Station Staff—</b>	
ROTHAMSTED .. .. .	6-9
WOBURN .. .. .	11
<b>Staff Changes, and Temporary Workers..</b>	10-11
<b>Imperial Bureau of Soil Science .. .. .</b>	12
<b>Publications of the Station .. .. .</b>	13-16
<b>Introduction—General Account of Rothamsted ..</b>	17-19
<b>Report for 1938 .. .. .</b>	20-71
THE WORK OF THE STATION .. .. .	20-23
At Home .. .. .	20-22
Overseas Work .. .. .	22-23
GRASSLAND .. .. .	23-24
WHEAT .. .. .	24-31
Continuous Wheat Growing .. .. .	24-26
Fallow as Preparation for Wheat .. .. .	26-27
Temporary Leys and Green Manures .. .. .	27-31
BARLEY .. .. .	31-36
SUGAR BEET .. .. .	36-38
ORGANIC MANURES .. .. .	38-44
Town Refuse .. .. .	39-41
Straw as Manure .. .. .	41-42
Green Manure .. .. .	42-44
THE SOIL .. .. .	44-46
CROPS AND MICRO-ORGANISMS .. .. .	46-47
PESTS AND DISEASES .. .. .	48-50
Insect Pests .. .. .	48
Insecticides and Fungicides .. .. .	48-49
Virus Diseases .. .. .	49
Fungus Diseases .. .. .	49-50
STATISTICAL CONTROL OF FIELD EXPERIMENTS ..	50-51
FIELD EXPERIMENTS AT OUTSIDE CENTRES, 1922-38 ..	51-58
INSECT PESTS AT ROTHAMSTED AND WOBURN, 1938 ..	58-59
FUNGUS DISEASES AT ROTHAMSTED AND WOBURN, 1938	59-61
FARM REPORT, 1938 .. .. .	61-68
METEOROLOGICAL OBSERVATIONS.. .. .	69-71

	Page
<b>Scientific Papers Published in 1938</b> .. .. .	72-89
PLANT GROWTH, ACTION OF MANURES.. .. .	72-76
STATISTICAL METHODS AND RESULTS .. .. .	76-81
THE SOIL .. .. .	81-82
MICROBIOLOGY .. .. .	83
THE PLANT IN DISEASE : CONTROL OF DISEASE.. .. .	83-88
APICULTURAL PROBLEMS .. .. .	88-89
 <b>Technical and Other Papers Published in 1938.. .. .</b>	 89-91
GENERAL .. .. .	89
CROPS, SOILS AND FERTILISERS .. .. .	90-91
BIOLOGICAL .. .. .	91
 <b>Woburn Experimental Farm</b> .. .. .	 92-100
LABORATORY AND FARM REPORT FOR 1938 .. .. .	92-98
DATES OF OPERATIONS AND YIELDS .. .. .	99-100
 <b>Dates of Operations and Yields, Rothamsted</b> .. .. .	 101-103
<b>Yields of Experimental Plots, 1938</b> .. .. .	104-210
CHEMICAL ANALYSES, ETC. .. .. .	105-106
METEOROLOGICAL RECORDS, 1938 .. .. .	107
THE CLASSICAL EXPERIMENTS .. .. .	108-117
CONTINUOUS ROTATION EXPERIMENTS .. .. .	118-139
OTHER EXPERIMENTS AT ROTHAMSTED .. .. .	140-154
OTHER EXPERIMENTS AT WOBURN .. .. .	155-165
SPECIAL GROUPS OF EXPERIMENTS .. .. .	166-191
EXPERIMENTS AT OUTSIDE CENTRES .. .. .	192-210
<b>Abbreviated List of the Field Experiments</b> .. .. .	211-212
<b>Trustees and Committee of Management; Lawes</b>	
<b>Agricultural Trust</b> .. .. .	213
<b>Society for Extending the Rothamsted Experiments..</b>	213