

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 1930

[Full Table of Content](#)



---

## Contents

### Rothamsted Research

Rothamsted Research (1931) *Contents* ; Report For 1930, pp 4 - 5 - DOI:  
<https://doi.org/10.23637/ERADOC-1-63>

## Contents

	Page
<b>Experimental Station Staff .. .. .</b>	<b>6-10</b>
<b>Members who have left since last Report .. ..</b>	<b>10</b>
<b>List of Temporary Workers, 1930 .. .. .</b>	<b>10-11</b>
<b>Imperial Bureau of Soil Science .. .. .</b>	<b>12</b>
<b>Publications of the Station .. .. .</b>	<b>13-16</b>
<b>Introduction—General Account of Rothamsted ..</b>	<b>17-19</b>
<b>Report for the Year 1930 .. .. .</b>	<b>20-71</b>
<b>FIELD EXPERIMENTS .. .. .</b>	<b>21-38</b>
Barley .. .. .	21-25
Wheat .. .. .	25-27
Potatoes .. .. .	27-33
Sugar Beet.. .. .	33-35
Forage Mixture Crops .. .. .	36-37
Seeds Hay .. .. .	36-37
<b>EFFECTS OF FARMYARD MANURE .. .. .</b>	<b>38-39</b>
<b>A NEW CONTINUOUS EXPERIMENT : ROTATION I ..</b>	<b>39-41</b>
<b>EFFECT OF WEATHER CONDITIONS ON FERTILISER</b> <b>EFFICIENCY .. .. .</b>	<b>41-42</b>
<b>GRASSLAND .. .. .</b>	<b>42-47</b>
<b>ACCURACY OF FIELD EXPERIMENTS .. .. .</b>	<b>47-50</b>
<b>SOIL MICRO-ORGANISMS .. .. .</b>	<b>50-52</b>
<b>CULTIVATION OF THE SOIL .. .. .</b>	<b>52</b>
<b>UTILISATION OF RESULTS OF AGRICULTURAL</b> <b>EXPERIMENTS .. .. .</b>	<b>53</b>
<b>COMPOSITION OF THE SOIL : SOIL ANALYSIS .. ..</b>	<b>53-55</b>
<b>COMPOSITION OF CROPS .. .. .</b>	<b>55-56</b>
<b>THE PLANT IN DISEASE .. .. .</b>	<b>56-59</b>
<b>THE FARM : GEOLOGICAL SURVEY.. .. .</b>	<b>59-61</b>
<b>FIELD EXPERIMENTS AT OUTSIDE CENTRES .. ..</b>	<b>61-62</b>
<b>FUNGUS DISEASES IN CROPS AT ROTHAMSTED AND</b> <b>WOBURN .. .. .</b>	<b>62-63</b>
<b>OBSERVATIONS ON INSECTS ATTACKING FARM CROPS ..</b>	<b>63-65</b>
<b>ROTHAMSTED FARM REPORT .. .. .</b>	<b>65-69</b>
<b>METEOROLOGICAL OBSERVATIONS .. .. .</b>	<b>69-71</b>

	Page
<b>Summaries of Papers Published in 1930—</b>	
<b>I.—Scientific Papers :</b>	
CROPS, PLANT GROWTH AND FERTILISER INVESTIGATIONS	72-77
STATISTICAL METHODS AND RESULTS .. .. .	77-81
THE SOIL .. .. .	82-86
THE SOIL POPULATION AND ITS BEHAVIOUR .. .	86-88
THE PLANT IN DISEASE ; CONTROL OF DISEASE .. .	88-94
<b>II.—Technical and Other Papers .. .. .</b>	<b>94-96</b>
<b>Books Published in 1930 .. .. .</b>	<b>96</b>
<b>Woburn Experimental Farm :</b>	
Dr. J. A. Voelcker's Report, 1929-30 .. .. .	97-103
Mr. H. G. Miller's Report .. .. .	104-108
<b>Yields of Experimental Plots, 1930 :</b>	
The Use of the Summary Tables .. .. .	110-111
The Classical Experiments .. .. .	112-124
Scheme for Rotation Experiments .. .. .	125-129
Experiments at Rothamsted .. .. .	130-149
Experiments at Woburn .. .. .	150-154
Experiments at Outside Centres .. .. .	155-171
<b>Trustees and Committee of Management :</b>	
Lawes Agricultural Trust .. .. .	172
Society for Extending the Rothamsted Experiments ..	172