

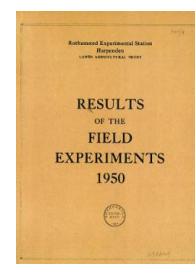
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ROTHAMSTED
RESEARCH

Yields of the Field Experiments 1950

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Contents 1950

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Rothamsted Experimental Station

Harpenden

Lawes Agricultural Trust

RESULTS
of the
FIELD
EXPERIMENTS
1950

The summaries given in this report are similar to those contained in the appendices to the Annual Reports of the Station before the war. With one or two special exceptions only experiments conducted at Rothamsted and Woburn are included. The design and supervision of these experiments are the responsibility of the Field Plots Committee (present members: E.M.Crowther (Chairman), H.V.Garner (Secretary), H.H.Mann, J.R.Moffatt, D.J.Watson, F.Yates).

Reports covering the war years are being prepared.

Note. In the reports of the Classical and Long Term Experiments, reference is made to an Appendix for details of rotations, treatments etc. For convenience it has now been decided to issue this Appendix separately; the relevant details may also be found in the references given in the 1949 reports.

Price: 5/-

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Classicals

Broadbalk	Wheat	A/1
Hoosfield	Barley	A/2
Hoosfield	Wheat after fallow	A/3
Agdell	Rotation	A/3
Barnfield	Mangolds and sugar beet	A/4
Park Grass	Hay	A/5
Hoosfield	Exhaustion Land	A/6
Woburn	Permanent Wheat	A/7
Woburn	Permanent Barley	A/7

Long Term Experiments

2-Course Rotation	Rothamsted	Ba/1
3-Course "	"	Ba/2
4-Course "	"	Ba/3
6-Course "	Rothamsted and Woburn	Ba/4
Deep Cultivation Rotation	Rothamsted	Bb/1
Ley and Arable Rotations	"	Bc/1
Green Manuring	Woburn	Bd/1
Ley and Arable Rotations	"	Be/1
Market Garden	" 1st crops	Bf/1
Market Garden	" 2nd crops	Bf/2

Short Term Experiments

Wheat	Eyespot	Rothamsted	Ca/1
Wheat	Residual of dung	"	Ca/2
Wheat	Wireworm 1	"	Ca/3
Wheat	Wireworm 2	"	Ca/4
Wheat	Late application of nitrogen	"	Ca/5
Barley	" " " " "	"	Cb/1
Spring Oats	" " " " "	"	Cc/1
Spring Beans	Fertilizer placement	"	Cd/1
Winter Beans	" "	"	Cd/2
Potatoes	Application of dung	"	Ce/1
Potatoes	Time of Planting	"	Ce/2
Potatoes	Method of planting	Rothamsted and Woburn	Ce/3
Kale	Fertilizer placement	Rothamsted	Cf/1
Lucerne	" "	"	Cg/1
Permanent grass	" "	"	Ch/1

Outside Experiments

Sugar Beet	Irrigation	Kesgrave	Da/1
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Miscellaneous Data

Chemical Analyses of Manures		E/1
Meteorological Readings	Rothamsted	E/2