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ROTHAMSTED
RESEARCH

Yields of the Field Experiments 1951

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Contents 1951

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Rothamsted Experimental Station

Harpenden

Lawes Agricultural Trust

RESULTS

of the

FIELD

EXPERIMENTS

1951

The summaries given in this report are similar to those contained in the appendices to the Annual Reports of the Station before the war. This year's report includes only experiments conducted at Rothamsted and Woburn. 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).

Price: 5/-

Index 1951

Classical Experiments

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	Barley - Exhaustion Land	A/6
Woburn	Permanent Wheat	A/7
Woburn	Permanent Barley	A/8

Long Term Experiments

3-Course Rotation	Rothamsted	Ba/1
4-Course "	"	Ba/2
6-Course "	Rothamsted and Woburn	Ba/3
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	"	Bf/1
Irrigation	"	Bg/1

Short Term Experiments*

Wheat	Control of Eyespot rotation	Ca/1
Wheat	Control of Wireworm (1)	Ca/2
Wheat	Control of Wireworm (2)	Ca/3
Wheat	Control of Powdery Mildew	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
Winter Beans	" " " " (Contact)	Cd/3
Potatoes	Application of dung	Ce/1
Potatoes	Methods of planting	Ce/2
Potatoes	Fertilizer placement	Ce/3
Potatoes	Nitrophosphates	Ce/4
Kale	Fertilizer placement	Cf/1
Lucerne	" " " "	Cg/1
Lucerne-Cocksfoot Ley	" " " "	Cg/2
Permanent Grass	" " " "	Ch/1
Permanent Grass	Nitrophosphates	Ch/2
Sugar Beet	Control of Virus Yellows	Ci/1

Miscellaneous Data

Chemical Analyses of Manures		E/1
Meteorological Records	Rothamsted and Woburn	E/2

* At Rothamsted