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ROTHAMSTED
RESEARCH

Yields of the Field Experiments 1957

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Contents 1957

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Rothamsted Experimental Station

Harpenden

Lawes Agricultural Trust

RESULTS

of the

FIELD

EXPERIMENTS

1957

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: F. Yates (Chairman), H. V. Garner (Secretary), F. C. Bawden, G. W. Cooke, J. R. Moffatt, C. A. Thorold, R. G. Warren, D. J. Watson).

Price: 5/-

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Classical Experiments*

Broadbalk	✓ Wheat	A/1
Hoosfield	✓ Barley	A/2
Hoosfield	✓ Wheat after fallow	A/3
Agdell	✓ Potatoes	A/3
Barnfield	✓ Mangolds and Sugar beet	A/4
Park Grass	✓ Hay	A/5
Hoosfield Exhaustion Land	✓ Barley	A/6
Rothamsted Garden	✓ Clover	A/7
Stackyard Woburn	Wheat	A/8
Stackyard Woburn	Barley	A/8

Long Term Experiments

3-course Rotation	✓ Rothamsted	Ba/1
4-course Rotation		
Cereal Strips	✓ Rothamsted	Ba/2
6-course Rotation	✓ Rothamsted and Woburn	Ba/3
Deep Cultivation Rotation	Rothamsted	Bb/1
Ley and Arable Rotations	Rothamsted	Bc/1
Green Manuring	✓ Woburn	Bd/1
Ley and Arable Rotations	✓ Woburn	Be/1
Market Garden Soil	✓ Woburn	Bf/1
Irrigation	Woburn	Bg/1

Short Term Experiments*

Winter Wheat	Control of bulb fly (insecticides)	Ca/1
Winter Wheat	Varieties and N	Ca/2
Spring Wheat	Control of Take-All and weeds	Ca/3
Spring Wheat	Levels and times of N	Ca/4
Spring Wheat	Varieties and N	Ca/5
Spring Wheat	Combine drilling of N	Ca/6
Barley	N, P and residual Dung, N, P and K	Cb/1
Barley	N and residual Dung, N, P, K and Salt	
	- Rothamsted and Woburn	Cb/2
Barley	Varieties and N	Cb/3
Barley	Levels and times of N	Cb/4
Barley	Combine drilling of N - Rothamsted and Woburn	Cb/5
Barley	N and residual Dung, N, P and K - Woburn	Cb/6
Spring Oats	Varieties and N	Cc/1
Cereals and Beans	✓ Rotations	Cd/1

*At Rothamsted unless otherwise stated.

P.T.O.