

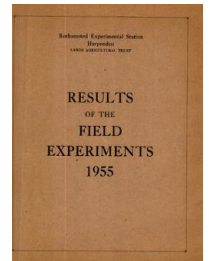
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ROTHAMSTED
RESEARCH

Yields of the Field Experiments 1955

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Contents 1955

Rothamsted Research

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Rothamsted Experimental Station

Harpenden

Lawes Agricultural Trust

RESULTS

of the

FIELD

EXPERIMENTS

1955

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, H.H.Mann, J.R. Moffatt, 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	Rotation	A/3
Barnfield	Mangolds and sugar beet	A/4
Park Grass	Hay	A/5
Hoosfield Exhaustion Land	Barley	A/6
Stackyard Woburn	Wheat	A/7
Stackyard Woburn	Barley	A/8

Long Term Experiments

3-Course Rotation	Rothamsted	Ba/1
4-Course Rotation	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	Eyespot Rotation, Varieties, Seed rates and N - 2nd year.	Ca/1
Winter Wheat	Control of Bulb Fly (Insecticides).	Ca/2
Winter Wheat	Control of Bulb Fly (Seed rates).	Ca/3
Winter Wheat	Varieties, Seed rates, levels and times of N - Woburn.	Ca/4
Spring Wheat	Residuals of Dung, N, P and K.	Ca/5
Spring Wheat	Levels and times of N - Rothamsted and Woburn.	Ca/6
Spring Wheat	Varieties and N.	Ca/7
Barley	Seed rates and levels of N.	Cb/1
Barley	Levels and times of N - Rothamsted and Woburn.	Cb/2
Barley	Varieties and N (Growth Study).	Cb/3
Barley	Residuals of P and K.	Cb/4
Barley	Varieties and N.	Cb/5
Spring Beans	Control of aphids (spraying and times of sowing).	Cc/1
Spring Beans	Control of weeds (spraying and cultivations).	Cc/2
Spring Beans	Setting of flowers (Hormone sprays).	Cc/3

*At Rothamsted unless otherwise stated.

P. T. O.