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ROTHAMSTED
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Yields of the Field Experiments 1965

[Full Table of Content](#)



Contents 1965

Rothamsted Research

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CONTENTS 1965

CLASSICAL EXPERIMENTS*

Broadbalk	Wheat	(BK)	A/1
Hoosfield	Barley	(HB)	A/2
Hoosfield	Wheat after fallow	(HWF)	A/3
Agdell	Grass	(AG)	A/4
Barnfield	Fallow	(BN)	A/5
Park Grass	Hay	(FG)	A/6
Hoosfield Exhaustion Land	Barley	(EX)	A/7
Rothamsted Garden	Clover	(GC)	A/8
Woburn Stackyard	Microplots	(WPW & WPB)	A/9
Saxmundham	Rotation 1	(SA)	A/10
Saxmundham	Rotation 2	(SB)	A/11

ROTATION EXPERIMENTS

Ley and arable rotations	Rothamsted	(HIA & FIA)	B/1
Reference plots	Rothamsted & Woburn	(RA, RG, WRA & WRF)	B/2
Green manuring	Woburn	(WGM)	B/3
Ley and arable rotations	Woburn	(WIA)	B/4
Market garden soil	Woburn	(WMG)	B/5
Irrigation	Woburn	(WIR)	B/6
Residual phosphate rotation	Rothamsted	(RP)	B/7
Cultivation-weedkiller rotation	Rothamsted	(CW)	B/8
Cultivation-weedkiller rotation	Woburn	(WCW)	B/9

CROP SEQUENCE EXPERIMENTS*

CROPS IN 1965

Levels of K and Mg Rothamsted & Woburn	Barley, potatoes and sugar beet	(LM & WAC)	C/1
Intensive barley growing	Cereals	(IB)	C/2
Long term liming Rothamsted & Woburn	Barley	(LL & WLL)	C/3
Methods of application of fertiliser 1964-65 Rothamsted & Woburn	Winter wheat	(AY & WBC)	C/4
Methods of application of fertiliser 1965-66 Woburn	Potatoes	(WBT)	C/5
Levels of N and K	Grass 8th year	(AF)	C/6
Decline of take-all	Winter wheat	(AO)	C/7
Chemical control of take-all	Winter wheat	(AP)	C/8

CONTENTS 1965 (CONTD.)

CROP SEQUENCE EXPERIMENTS* (continued)

Cereal disease reference plots	Wheat	(AQ)	C/9
N and NPK residues	Barley	(AX)	C/10
Chemical control of wireworm	Spring wheat	(BB)	C/11
Row spacing N and paraquat	Lucerne - 2nd year	(AZ)	C/12
Paraquat	Barley	(BA)	C/13
Irrigation	Potatoes and spring beans	(IR)	C/14
1-year leys for wheat Woburn	Winter wheat	(WAS)	C/15
Trefoil and ryegrass green manures Woburn	Sugar beet	(WBE)	C/16
Row spacing and fertilisers 1964-65 Woburn	Barley	(WBD)	C/17
Row spacing and fertilisers 1965-66 Woburn	Potatoes	(WBU)	C/18
Soil structure 2 Woburn	Red beet		C/19
Soil structure 4 Woburn	Lettuce and red beet		C/20
Oxamide	Grass		C/21
NPK	Old grass (Park Grass microplots)		C/22
Growth study residues	Barley	(BV)	C/23
Sod seeding and pests	Winter wheat	(BH)	C/24
Intensive winter barley	Winter barley	(BJ)	C/25
Legumes and barley	Barley	(BP)	C/26
Previous crops and N for barley	Spring wheat, kale and ryegrass	(BQ)	C/27
Rate of action of P fertilisers	Early potatoes and radishes		C/28
Formalin and N Rothamsted (2 sites) and Woburn	Spring wheat	(BR, BS & WBM)	C/29
Scorch study Woburn	Spring wheat-2nd year	(WBL)	C/30
Fumigants Woburn	Spring wheat	(WBO)	C/31
K and protein synthesis Woburn	Grass		C/32
N and cutting	Old Grass (Park Grass microplots)		C/33

ANNUAL EXPERIMENTS*

Winter wheat	Varieties and N	(RW301)	Da/1
Winter and spring wheat	Varieties and N	(RW201)	Da/2
Winter wheat	Row spacing - Rothamsted & Woburn	(RW401&WW101)	Da/3
Winter wheat	Spun seed	(RW501)	Da/4
Winter wheat	Sowing dates & bulb fly	(BG1)	Da/5
Spring wheat	CCC	(RW601)	Da/6

CONTENTS 1965 (CONTD.)

ANNUAL EXPERIMENTS* (continued)

Barley	Row spacing - Rothamsted & Woburn	(RB101&WB101)	Db/1
Barley	Urea-Woburn	(WB201)	Db/2
Winter beans	Irrigation and row spacing	(RBe101)	Dc/1
Potatoes	DSA	(RP101)	Dd/1
Potatoes	Effect of gaps	(RP201)	Dd/2
Potatoes	Oospore	(RP301)	Dd/3
Potatoes	Rhizoctonia	(RP401)	Dd/4
Potatoes	Times of burning off	(RP501)	Dd/5
Potatoes	Fungicide sprays	(RP701)	Dd/6
Potatoes	soil fungicides and cultivations	(RP801)	Dd/7
Potatoes	Soil fungicides		Dd/8
Potatoes	Tuber blight-Woburn	(WP101)	Dd/9
Carrots	Motley Dwarf Virus - Woburn	(Wct101)	De/1
Kale	Urea-Woburn	(WK/E)	Df/1

MISCELLANEOUS DATA

Meteorological records	Rothamsted & Woburn	E/1
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*At Rothamsted unless otherwise stated.

NOTE: In the case of the classical, rotation and crop sequence experiments the letters in brackets are the code letters used on the plan. For the annual experiments the letters and numbers are the first plot number.

Additions to conventions for variate headings given in Results 1965. Kale, lettuce, radishes. All yields will be in tons per acre.