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ROTHAMSTED
RESEARCH

Yields of the Field Experiments 1964

[Full Table of Content](#)



Contents 1964

Rothamsted Research

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CONTENTS 1964

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	Potatoes and mangolds	(BN)	A/5
Park Grass	Hay	(PG)	A/6
Hoosfield Exhaustion Land	Barley	(EX)	A/7
Rothamsted Garden	Clover	(GC)	A/8
Woburn Stackyard	Spring beans and microplots	(WPW & WPB)	A/9
Saxmundham	Rotation 1	(SA)	A/10
Saxmundham	Rotation 2	(SB)	A/11

ROTATION EXPERIMENTS

Ley and arable rotations	Rothamsted	(HLA & FLA)	B/1
Reference plots	Rothamsted & Woburn	(RA, RG & WRA)	B/2
Green manuring	Woburn	(WGM)	B/3
Ley and arable rotations	Woburn	(WLA)	B/4
Market Garden Soil	Woburn	(WMG)	B/5
Irrigation	Woburn	(WIR)	B/6
Residual phosphate rotation	Rothamsted	(RP)	B/7
N levels and residues			
2 course rotation	Rothamsted	(NL)	B/8
Cultivation-weedkiller rotation	Rothamsted	(CW)	B/9
Cultivation-weedkiller rotation	Woburn	(WCW)	B/10
Grazed Reference Plots	Rothamsted	(RG)	B/11

CROP SEQUENCE EXPERIMENTS*

CROPS IN 1964

Levels of K and Mg	Potatoes and sugar beet	(IM & WAC)	C/1
Rothamsted & Woburn	Cereals	(IB)	C/2
Intensive Barley Growing			
Long Term Liming	Spring beans	(LL & WLL)	C/3
Rothamsted & Woburn			
Methods of application of fertiliser 1963-64	Wheat	(AR)	C/4
Methods of application of fertiliser 1964-65			
Rothamsted & Woburn	Potatoes	(AY & WBC)	C/5
Levels of N and K	Cocksfoot 7th year	(AF)	C/6
Decline of take-all	Winter wheat	(AO)	C/7
Chemical control of take-all	Winter wheat	(AP)	C/8

CONTENTS 1964 (CONTD.)

CROP SEQUENCE EXPERIMENTS* (continued)

Cereal disease reference plots

Cutting and virus
N and NPK residues
Chemical control of wireworm
Row spacing N and paraquat
Paraquat
Irrigation
1-year leys for wheat
Woburn
Trefoil and ryegrass
green manures Woburn
Trefoil and ryegrass
green manures Woburn
Row spacing and fertilisers
Woburn
Soil structure 2 Woburn
Soil structure 4 Woburn

Wheat	(AQ)	C/9
Cocksfoot & Lucerne	(CV)	C/10
Spring wheat & Kale	(AX)	C/11
Spring wheat	(BB)	C/12
Lucerne	(AZ)	C/13
Spring wheat	(BA)	C/14
Potatoes and grass	(IR)	C/15
Grass and clover	(WAS)	C/16
Barley	(WAU)	C/17
Sugar beet	(WAV)	C/18
Potatoes	(WBD)	C/19
Carrots and redbeet		C/20
Red beet		C/21

ANNUAL EXPERIMENTS*

Winter wheat

Winter wheat

Spring wheat

Spring wheat

Spring wheat

Wheat

Barley

Barley

Barley

Spring beans

Potatoes

Potatoes

Potatoes

Potatoes

Carrots

N-serve - Rothamsted

& Woburn (RW 101) Da/1

Row spacing - Rothamsted

& Woburn (RW401&WW201) Da/2

'Scorch' Study - Woburn (WW 301) Da/3

CCC (RW 501) Da/4

Date of sowing and N (RW 601) Da/5

Varieties and N (RW 301) Da/6

Varieties and N -

Rothamsted & Woburn (RB101&WB101) Db/1

Row spacing - Rothamsted

& Woburn (RB201&WB201) Db/2

Control of thrips aphids

and virus (RB 301) Db/3

Row spacing (RBe 101) Dc/1

Varieties and chitting -

Rothamsted & Woburn (RP101&WP201) Dd/1

Times of burning off

haulm (RP 201) Dd/2

Fungicides (RP 501) Dd/3

Control of tuber blight -

Woburn (WP 401) Dd/4

Control of Motley Dwarf

virus - Woburn (WCT 101) De/1

CONTENTS 1964 (CONTD.)

ANNUAL EXPERIMENTS*

Sugar beet, carrots, redbeet	Fertilisers and FYM - Woburn	Df/1
Permanent grass	N-serve	Dg/1
Grass	N and K	Dg/2

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.