

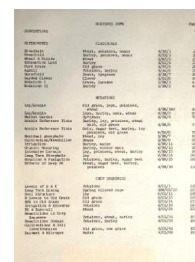
Thank you for using eradoc, a platform to publish electronic copies of the Rothamsted Documents. Your requested document has been scanned from original documents. If you find this document is not readable, or you suspect there are some problems, please let us know and we will correct that.



ROTHAMSTED
RESEARCH

Yields of the Field Experiments 1976

[Full Table of Content](#)



Contents 1976

Rothamsted Research

Rothamsted Research (1977) *Contents 1976 ; Yields Of The Field Experiments 1976*, pp 3 - 6 - DOI: <https://doi.org/10.23637/ERADOC-1-15>

CONTENTS 1976		PAGE
CONVENTIONS		7
EXPERIMENTS	CLASSICALS	
Broadbalk	Wheat, potatoes, beans	R/BK/1 10
Hoosfield	Barley, potatoes, beans	R/HB/2 15
Wheat & Fallow	Wheat	R/WF/3 22
Exhaustion Land	Barley	R/EX/4 23
Park Grass	Old grass	R/PG/5 25
Agdell	Potatoes, barley	R/AG/6 30
Barnfield	Beans, ryegrass	R/BN/7 36
Garden Clover	Clover	R/GC/8 40
Rotation I	Grass, lucerne	S/RN/1 41
Rotation II	Barley	S/RN/2 44
	ROTATIONS	
Ley/Arable	Old grass, leys, potatoes, wheat	R/RN/1&2 49
Ley/Arable	Leys, barley, oats, wheat	W/RN/3 64
Market Garden	Ryegrass	W/RN/4 70
Arable Reference Plots	Barley, ley, potatoes, wheat kale, old grass	R/RN/5 71
Arable Reference Plots	Oats, sugar beet, barley, ley potatoes, old grass	W/RN/6 76
Residual phosphate	Wheat, ley	R/RN/7 81
Cultivation/Weedkiller	Beans	R/RN/8 87
Irrigation	Barley, maize	R/RN/11 90
Organic Manuring	Barley, winter oats	W/RN/12 96
Intensive Cereals	Ley, potatoes, wheat, barley	W/RN/13 99
Long Term Phosphate	Ley	W/RN/14 104
Rotation & Fumigation	Potatoes, barley, sugar beet	W/RN/15 106
Effects of Deep PK	Wheat, sugar beet, barley, potatoes	W/RN/16 112
	CROP SEQUENCES	
Levels of N & K	Potatoes	R/CS/1 117
Long Term Liming	Spring oilseed rape	R&W/CS/10 120
Soil Structure	Ley	W/CS/11 126
N Levels to Old Grass	Old grass	R/CS/13 128
NPK to Old Grass	Old grass	R/CS/14 131
Irrigation & Eelworms	Potatoes	W/CS/16 143
PK & Take-all	Wheat	R/CS/24 150
Nematicides in Crop Sequence	Potatoes, wheat, barley	W/CS/34 153
Nematicides Dosage	Potatoes, barley	W/CS/35 160
Cultivations & Soil Invertebrates	Old grass, new grass	R/CS/41 165
Dazomet & Nitrogen	Maize	W/CS/66 168

CONTENTS 1976		PAGE
CROP SEQUENCES (continued)		
Cultivations for Cereals	Wheat	R/CS/90 170
Effects of Breaks on		
Take-all	Barley, beans	W/CS/99 172
Benomyl & Sclerotinia	Winter beans	R/CS/109 174
Fertiliser & FYM	Winter beans	R/CS/110 176
Effects of Earthworm		
Inoculation	Ley	R/CS/130 178
Effects of Earthworm		
Destruction	Old grass	R/CS/131 179
Control of Pathogens	Maize	R/CS/133 181
Control of PCN	Potatoes	W/CS/138 184
Chemical Reference Plots	Barley	R/CS/140 187
Rainfall & Leaching	Oats	R/CS/155 190
Leatherjacket Study	Old grass	R/CS/156 192
Methods of Incorporating		
Nematicides	Potatoes	W/CS/159 195
Injected N	Old grass	R/CS/161 199
Times of Applying		
Acaricide	Ryegrass	R/CS/162 205
Liquid Fertilisers	Wheat	R&W/CS/166 210
Organic Matter & Responses		
to N	Grass	R/CS/169 214
Sowing Dates & CCN	Winter & spring wheat, barley	
	and oats	W/CS/174 219
Stem-Eelworm Control	Winter onions	R/CS/176 222
Factors Affecting Yield	Beans	R/CS/180 224
Green Manure	Barley	W/CS/181 236
Factors Affecting Yield		
& PCN Control	Potatoes	W/CS/183 240
Cereal Cyst Nematode		
Study	Oats	W/CS/184 245
Late N	Potatoes	R/CS/185 246
Varieties, N & CCC	Wheat	S/CS/1 248

ANNUALS

WINTER WHEAT

Varieties, N, CCC & Fungicides	R&W/WW/1	251
Aqueous N & Nitrification Inhibitors	R&W/WW/2	256
Growth & Yield on Contrasted Sites	R&W/WW/3	260
Sowing Dates & Insecticides	R/WW/4	266
Fungicides	R/WW/5	268
Varieties & Rates of N	R/WW/6	270
Rates & Times of N & K	R/WW/7	272
Fungicides & Grain Microflora	R/WW/8	276
Seed Rates & Divided N Dressings	R/WW/14	278
Effects of Autumn N on Broadbelk	R/WW/15	284
Factors Limiting Yield	R/WW/16	287
Rates & Times of N & Fungicide	S/WW/1	289

PLEASE NOTE THAT PAGES 257-272
HAVE BEEN BOUND IN INCORRECT
ORDER.

CONTENTS 1976		PAGE
ANNUALS (continued)		
SPRING WHEAT		
Fungicides & Grain Microflora	R/WS/1	292
BARLEY		
Factors Affecting Mildew Control & Yield	R/B/1	294
Varieties & N	R&W/B/3	298
N & Foliar Diseases	R/B/4	301
Sowing Dates & Pathogen Control	R/B/5	304
Effects of Mildew Sources on Disease Control	R/B/6	307
Mildew Control in Systematic & Balanced Designs	R/B/7	309
Mixed Varieties & Mildew	R/B/8	311
Insecticides & Beneficial Insects	R/B/9	313
Comparison of Sprayers	R/B/10	314
Mildew Tolerance to Ethirimol	R/B/11	316
Varieties, N & Fungicides	S/B/1	317
OATS		
Sowing Dates & Insecticides	R/O/1	321
BEANS		
Crop Density & Chocolate Spot	R/BE/1	323
Aphids & Enomophthora	R/BE/5	325
Control of Sitona Larvae	R/BE/6	326
POTATOES		
Irrigation & Seed Sources	R/P/1	328
Nutrients & Control of PCN	W/P/1	331
ONIONS		
Single & Divided Applications of Aldicarb	R/ON/1	338
SWEDES		
Effects of Fungicides & Insecticides	R/SW/1	340
OILSEED RAPE		
Effects of Pathogens	R/RA/1	342
LUPINS		
Control of Pathogens	R&W/LP/2	343

CONTENTS 1976		PAGE
	ANNUALS (continued)	
	MAIZE	
Nitrification Inhibitors	R/MA/1	346
	GRASS	
Aqueous Ammonia & Nitrification Inhibitors	R&W/G/1	348
	MISCELLANEOUS DATA	
METEOROLOGICAL RECORDS		
Rothamsted, Woburn, Saxmundham	E/1	356
75/W/RN/6 EXTRA PAGE		
CONVERSION FACTORS		