

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 1982

[Full Table of Content](#)



---

## Contents 1982

### Rothamsted Research

Rothamsted Research (1983) *Contents 1982* ; Yields Of The Field Experiments 1982, pp 3 - 6 - DOI: <https://doi.org/10.23637/ERADOC-1-33>

CONTENTS 1982

		Page
CONVENTIONS		7
EXPERIMENTS	CLASSICALS	
Broadbalk	W.wheat, potatoes	R/BK/1 9
Hoosfield	S. barley	R/HB/2 14
Wheat & Fallow	W. wheat	R/WF/3 18
Exhaustion Land	S. barley	R/EX/4 19
Park Grass	Old grass	R/PG/5 21
Agdell	W. wheat, w. beans	R/AG/6 26
Barnfield	Ryegrass	R/BN/7 31
Garden Clover	Clover	R/GC/8 33
Rotation I	Grass, w. beans, w. wheat	S/RN/1 35
Rotation II	W. wheat	S/RN/2 40
	ROTATIONS	
Ley/Arable	Old grass, leys, potatoes, s. beans, w. wheat	R/RN/1&2 44
Ley/Arable	Leys, s. barley, s. beans, w. wheat	W/RN/3 60
Arable Reference Plots	W. barley, ley, potatoes, w. wheat, w. oats, permanent grass	R/RN/5 66
Cultivation/Weedkiller	W. barley	R/RN/8 71
Organic Manuring	W. beans, w. wheat, ley	W/RN/12 74
Intensive Cereals	W. wheat, ley	W/RN/13 77
Effects of Deep PK	S. barley, s. oats	W/RN/16 79
Rates of P & K to the Subsoil	S. beans, w. wheat, potatoes, s. barley	R/RN/17 83
	CROP SEQUENCES	
Long Term Liming	S. oats	R&W/CS/10 91
Soil Structure	S. barley	W/CS/11 94
N Levels to Old Grass	Old grass	R/CS/13 97
Nematicides in Crop Sequence	Potatoes, w. wheat, s. barley	W/CS/34 100
Nematicides Dosage	S. barley	W/CS/35 107
Dazomet & Nitrogen	Maize	W/CS/66 111
Effects of Breaks on Take-all	S. barley, s. wheat	W/CS/99 113
Effects of Earthworm Inoculation	Ley	R/CS/130 116
Control of Pathogens	Maize	R/CS/133 119
Chemical Reference Plots	S. barley	R/CS/140 121

CROP SEQUENCES (continued)

Factors Affecting Yield	Ryegrass, clover, lucerne	W/CS/200	125
Seasonal Effects of Take-all	S. beans, w. wheat	R/CS/212	130
Effects of Subsoiling & Deep PK	S. barley	R&W/CS/216	132
Residual Effects of Fungicides	S. barley	R/CS/230	135
Minimum Cultivation & Deep PK	W. wheat, w. barley, w. oilseed rape	W/CS/245	137
Effects of Subsoiling & Deep PK	S. barley	R/CS/246	145
Organic Matter & Earthworm Inoculation	W. wheat	R/CS/247	147
Soil Fumigation, Mycorrhiza & P	W. barley	R/CS/254	149
Benomyl & Take-all	W. wheat	R/CS/261	152
Fungicide Times	W. & s. barley	R/CS/263	154
Fungicide Rates	W. & s. barley	R/CS/264	157
Soil Fumigation, Mycorrhiza & P	W. barley	R/CS/265	160
Aphid Control by Natural Enemies	W. wheat, ryegrass	R/CS/271	163
Nitrification Inhibitors	Ryegrass	R/CS/272	164
Intensive Potatoes	Potatoes, s. barley	W/CS/273	170
Nematicides & Stem Nematodes	Lucerne	R/CS/279	174
Rhizobium Strains	Lucerne, Melilotus alba	R/CS/280	181
Varieties & PCN Tolerance	Potatoes	W/CS/284	183
Factors Affecting Yield	W. wheat	S/CS/1	185

ANNUALS

WINTER WHEAT

Varieties	R&W/WW/1	193
Growth & Yield on a Contrasted Site	R/WW/2	198
Growth & Yield on a Contrasted Site	W/WW/2	201
Factors Limiting Yield	R/WW/3	210
Nitrification Inhibitors	W/WW/3	227
Seed Rates & Divided N Dressings	R/WW/4	231
Aphid Alarm Pheromone & BYDV	W/WW/4	234
Nuarimol & Take-all	R/WW/5	236
Fungicides & Microflora	R/WW/6	238
Erynia & Aphid Control	R/WW/9	241
Electrostatic Sprays & Eyespot	R/WW/14	243

SPRING WHEAT		
Insecticides & Alarm Pheromone	R/WS/1	245
BARLEY		
Factors Limiting Yield (w. barley)	R/B/1	247
Mildew Study (w. & s. barley)	W/B/1	257
Rhynchosporium Control in a Balanced Design (w. barley)	R/B/2	263
Effects of Straw (w. barley)	R/B/3	265
Varieties & N (s. barley)	R&W/B/6	267
Control of Insects (s. barley)	R/B/7	270
Plot Sizes & Mildew Spread (s. barley)	R/B/8	272
Interference Between Plots (s. barley)	R/B/9	274
SPRING OATS		
Aldicarb & Stem Nematode	R/O/1	276
FIELD BEANS		
Effects of Pests & Pathogens (w. beans)	R/BE/1	278
Control of Chocolate Spot (w. beans)	R/BE/2	280
Control of Sitona (w. beans)	R/BE/3	282
Control of Stem Nematode (w. & s. beans)	R/BE/5	284
Disease Control (w. beans)	R/BE/6	288
Effects of Pest & Pathogen Control (s. beans)	R/BE/7	290
Varieties & BLRV (s. beans)	R/BE/8	292
Precision Sowing (s. beans)	R/BE/9	294
Control of Sitona & Pratylenchus (s. beans)	R/BE/10	296
Control of Rust (s. beans)	R/BE/12	298
Varieties (s. beans)	R/BE/13	300
Effects of Sitona (s. beans)	R/BE/18	302
Row Spacing & Methods of Applying Phorate (s. beans)	R/BE/19	304
Pirimiphos-methyl & Stem Nematode (s. beans)	R/BE/20	306
PEAS		
Effects of Pests & Pathogens	R&W/PE/1	308



N, Rhizobium & Pest Control	FENUGREEK	R/FE/1	310
Electrostatic Spraying	WINTER OILSEED RAPE	R/RA/1	312
Effects of Aldicarb & Benomyl	MAIZE	W/MA/1	314
Varieties & Oxamyl	POTATOES	W/P/1	316
Electrostatic Spray Study	SWEDES	R/SW/1	318
Soil Fumigation, Mycorrhiza & P (W. wheat & w. barley)	MIXED CROPS	R/M/1	320
Soil Fumigation, Mycorrhiza & P (S. wheat & s. barley)		R/M/6	324
	MISCELLANEOUS DATA		
	METEOROLOGICAL RECORDS		
	Rothamsted, Woburn & Saxmundham		328 329
	CONVERSION FACTORS		