

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 1984

[Full Table of Content](#)



Contents 1984

Rothamsted Research

Rothamsted Research (1985) *Contents 1984* ; Yields Of The Field Experiments 1984, pp 3 - 6 - DOI: <https://doi.org/10.23637/ERADOC-1-32>

CONTENTS 1984

			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	R/AG/6	26
Barnfield	Ryegrass	R/BN/7	29
Garden Clover	Clover	R/GC/8	33
Rotation I	Grass, w. beans, w. wheat, s. barley	S/RN/1	35
Rotation II	W. wheat, w. beans	S/RN/2	44
	ROTATIONS		
Ley/Arable	Old grass, leys, s. oats, w. wheat	R/RN/1&2	47
Ley/Arable	Leys, s. barley, s. beans, w. wheat	W/RN/3	57
Market Garden	Red beet, carrots, clover	W/RN/4	67
Arable Reference Plots	W. barley, ley, potatoes, w. wheat, w. oats, permanent grass	R/RN/5	76
Cultivation/Weedkiller	W. barley	R/RN/8	81
Organic Manuring	S. beet, w. oats, ley	W/RN/12	85
Intensive Cereals	W. wheat, ley	W/RN/13	90
Effects of Deep PK	S. barley, s. oats	W/RN/16	92
Rates of P & K to the Subsoil	S. beans, w. wheat, potatoes, s. barley	R/RN/17	96
	CROP SEQUENCES		
Long Term Liming	Fallow	R&W/CS/10	103
N Levels to Old Grass	Old grass	R/CS/13	104
Nematicides in Crop Sequence	Potatoes, w. wheat, s. barley	W/CS/34	107
Nematicides Dosage	Potatoes, w. wheat	W/CS/35	114
Dazomet & Nitrogen	Maize	W/CS/66	122
Effects of Breaks on Take-all	S. barley, s. wheat	W/CS/99	124
Control of Pathogens	Maize	R/CS/133	127
Chemical Reference Plots	S. barley	R/CS/140	129

CROP SEQUENCES (continued)

Seasonal Effects of Take-all	W. beans, s. beans	R/CS/212	133
Effects of Subsoiling & Deep PK	S. barley	R&W/CS/216	135
Minimum Cultivation & Deep PK	W. wheat, w. barley	W/CS/245	138
Effects of Subsoiling & Deep PK	S. barley	R/CS/246	149
Organic Matter & Earthworm Inoculation	S. barley	R/CS/247	152
Intensive Potatoes Nematicides & Stem Nematode	Potatoes, s. barley	W/CS/273	154
Varieties & PCN Tolerance	Lucerne	R/CS/279	161
Nitrification Inhibitors	Potatoes	W/CS/284	170
Nematicide Sprays & Stem Nematode	W. wheat	W/CS/293	174
Crops & <u>Rhizoctonia</u> Nitrification	Lucerne	R/CS/298	178
Inhibitors	W. wheat, w. barley	R/CS/299	183
Factors Affecting Yield	Ley	W/CS/304	186
	W. wheat	S/CS/1	191

ANNUALS

WINTER WHEAT

Varieties	R&W/WW/1	196
Factors Limiting Yield	R/WW/3	201
Soil Compaction & Yield	W/WW/3	219
Weedkiller Rates	R/WW/4	228
Control of Slugs	R/WW/5	230
Seed Dressings & Take-all	R/WW/6	232
Aphid Control by <u>Erynia</u>	R/WW/7	234
Persistence of Aphicides	R/WW/12	236
Electrostatic Application of Post-Emergence Weedkiller	R/WW/13	238
Chloride & Take-all	R/WW/15	240

BARLEY

Factors Limiting Yield (w. barley)	R/B/1	242
Mildew Study (w. & s. barley)	W/B/1	254
Electrostatic Spraying & Foliar Diseases (w. barley)	R/B/2	260
Sowing Dates & Insects (s. barley)	W/B/2	262
Varieties & N (s. barley)	R&W/B/7	264
Mildew Sensitivity (s. barley)	R/B/8	267
Plot Sizes & Mildew Spread (s. barley)	R/B/10	269
Interference Between Plots (s. barley)	R/B/11	271
Sowing Dates & Insects (s. barley)	R/B/12	273
Timing of Electrostatic Sprays (s. barley)	R/B/13	275
Mildew Control by Electrostatic Sprayers (s. barley)	R/B/14	278

FIELD BEANS

Effects of Pests & Pathogens (w. beans)	R/BE/1	280
Sowing Methods, Dates & Seed Rates (w. beans)	R/BE/2	282
Control of Sitona (w. beans)	R/BE/3	285
Varieties (w. beans)	R/BE/7	287
Sowing Methods & Nematode Control (w. beans)	R/BE/8	289
Effects of Pests & Pathogens (s. beans)	R/BE/9	291
Control of <u>Pratylenchus</u> (s. beans)	R/BE/10	293
<u>Erynia</u> & Aphid Control (s. beans)	R/BE/11	295
Control of Stem Nematode (s. beans)	R/BE/12	297
Varieties (s. beans)	R/BE/14	299
Seed Rates & Plant Health (s. beans)	R/BE/15	301
Control of Rust (s. beans)	R/BE/16	303
Fungicides for Rust Control (s. beans)	R/BE/18	307

PEAS

Control of Pests & Diseases	R/PE/1	309
-----------------------------	--------	-----

FENUGREEK

N, <u>Rhizobium</u> & Pest Control	R/FE/1	311
------------------------------------	--------	-----

WINTER OILSEED RAPE

Urea & Inhibitors	R/RA/2	313
Spring Nitrogen Inhibitors	R/RA/6	316
Methods of Applying Growth Regulator	R/RA/7	318
Mustard Oil	R/RA/8	320

MAIZE

Varieties, Sowing Dates & Polythene Covers	R/MA/1	322
--	--------	-----

POTATOES

Varieties & Stem Canker	R/P/1	326
Methods of Applying Fungicides to Seed	R/P/2	333
Seed Health	R/P/3	336

MIXED CROPS

Nitrogen, Sulphur & Storage Proteins (s. wheat & s. barley)	W/M/1	340
---	-------	-----

MISCELLANEOUS DATA

METEOROLOGICAL RECORDS

Rothamsted, Woburn & Saxmundham	E/1	344
---------------------------------	-----	-----

CONVERSION FACTORS