

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.



Yields of the Field Experiments 1981

[Full Table of Content](#)



Contents 1981

Rothamsted Research

Rothamsted Research (1982) *Contents 1981 ; Yields Of The Field Experiments 1981*, pp 3 - 6 - DOI: <https://doi.org/10.23637/ERADOC-1-35>

CONTENTS 1981

CONVENTIONS

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	34
Rotation I	Grass, w. wheat	S/RN/1	36
Rotation II	W. wheat	S/RN/2	44

ROTATIONS

Ley/Arable	Old grass, leys, s. oats, potatoes, s. beans, s. barley, w. wheat	R/RN/1&2	47
Ley/Arable	Leys, s. barley, s. beans, w. wheat	W/RN/3	59
Arable Reference Plots	W. & s. barley, ley, potatoes, w. wheat, kale, permanent grass	R/RN/5	65
Arable Reference Plots	W. barley, w. oats, permanent grass	W/RN/6	70
Residual Phosphate	Ley	R/RN/7	76
Cultivation/Weedkiller	W. barley	R/RN/8	80
Organic Manuring	S. barley, s. beans, ley	W/RN/12	83
Intensive Cereals	W. wheat, ley	W/RN/13	88
Long Term Phosphate	Ley	W/RN/14	90
Effects of Deep PK	S. barley	W/RN/16	93
Rates of P & K to the Subsoil	S. beans, w. wheat, potatoes, s. barley	R/RN/17	95

CROP SEQUENCES

Long Term Liming	S. oats	R&W/CS/10	102
Soil Structure	Potatoes	W/CS/11	105
N Levels to Old Grass	Old grass	R/CS/13	107
Nematicides in Crop Sequence	Potatoes, w. wheat, s. barley	W/CS/34	111
Nematicides Dosage	W. wheat, s. barley	W/CS/35	118
Dazomet & Nitrogen	Maize	W/CS/66	122
Effects of Breaks on Take-all	S. barley, s. wheat, s. oats	W/CS/99	124
Effects of Earthworm Inoculation	Ley	R/CS/130	127
Control of Pathogens	Maize	R/CS/133	130
Chemical Reference Plots	S. barley	R/CS/140	132
Sclerotinia control	Red and white clover	R/CS/165	136
Sowing Dates & CCN	S. oats	W/CS/174	138

CROP SEQUENCES (continued)

Factors Affecting Yield	Ryegrass, clover, lucerne	R&W/CS/200	144
Effects of Phialophora Inoculation	W. wheat	R/CS/202	161
Species Mixtures and Phialophora	W. wheat	R/CS/203	163
Factors Affecting Eyespot	W. wheat	R/CS/211	165
Seasonal Effects of Take-all	S. beans, w. wheat	R/CS/212	169
Effects of Subsoiling & Deep PK	S. barley	R&W/CS/216	171
Residual Effects of Fungicides	S. barley	R/CS/230	174
Septoria Study	W. wheat	R/CS/234	176
Minimum Cultivation & Deep PK	W. wheat, w. barley	W/CS/245	179
Effects of Subsoiling & Deep PK	S. barley	R/CS/246	187
Organic Matter & Earthworm Inoculation	W. wheat	R/CS/247	189
Control of Cephalosporium	W. wheat	R/CS/250	191
Late N	W. wheat	W/CS/253	193
Soil Fumigation, Mycorrhiza & P	W. barley	R/CS/254	195
Fungicides & Soil-borne Diseases	W. wheat	R/CS/256	198
Liquid Fertiliser & Nitrification Inhibitors	Ryegrass	R/CS/258	200
Benomyl & Take-all	W. wheat	R/CS/261	204
Fungicide Times	W. oilseed rape	R/CS/263	206
Fungicide Rates	W. oilseed rape	R/CS/264	209
Soil Fumigation, Mycorrhiza & P	S. wheat	R/CS/265	212
Factors Affecting Yield	W. wheat	S/CS/1	215

ANNUALS

WINTER WHEAT

Varieties	R&W/WW/1	221
Seed Rates & Divided N Dressings	R/WW/2	226
Factors Limiting Yield	R/WW/3	229
Growth & Yield on a Contrasted Site	W/WW/3	244
Fungicides & Microflora	R/WW/4	250
Direct Drilling & Slug Control	R/WW/5	253
Predators & Polythene Barriers	R/WW/6	255
Integrated Pest Control	R/WW/7	257
Varieties, Weedkillers & Pests	R/WW/8	259
Nitrification Inhibitors & Soil N	R/WW/9	261

SPRING WHEAT

Alternaria Inoculation R/WS/1 263

BARLEY

Factors Limiting Yield (w. barley)	R/B/1	264
Mildew Study (w. & s. barley)	W/B/1	273
Rhynchosporium Studies (w. barley)	R/B/2	277
Seed Treatment & Rhynchosporium (w. barley)	R/B/3	280
Varieties, N & Fungicide (s. barley)	R&W/B/6	282
Sowing Dates & Insecticides (s. barley)	R/B/7	285
Electrostatic Spray Study (Biological) (s. barley)	R/B/9	287
Mildew Sources (s. barley)	R/B/13	289
Amounts & Times of N, Growth Regulator & Pathogen Control (w. barley)	S/B/1	292

SPRING OATS

Control of Cereal Cyst-nematode W/O/1 296

FIELD BEANS

Fungicides (w. beans)	R/BE/2	298
Effects of Pests & Pathogens (w. beans)	R/BE/5	300
Effects of Pests & Pathogens (s. beans)	R/BE/6	302
Electrostatic Spray Study (Biological) (s. beans)	R/BE/8	304
Control of Sitona (s. beans)	R/BE/9	306
Times of Applying Erynia (s. beans)	R/BE/10	308
Conidiobolus and Aphids (s. beans)	R/BE/11	310
Control of Pratylenchus (s. beans)	R/BE/12	312
Varieties & BLRV (s. beans)	R/BE/13	313
Precision Sowing (s. beans)	R/BE/14	315
Alarm Pheromone Study (s. beans)	R/BE/15	317
Varieties (s. beans)	R/BE/16	319
Electrostatic Spraying & Aphids (s. beans)	R/BE/19	321

PEAS

Effects of Pests & Pathogens	R&W/PE/1	323
Control of Sitona	R/PE/2	325

MAIZE		
Rates & Times of N	R/MA/1	327
POTATOES		
Varieties & Potato Cyst Nematode	W/P/1	329
Electrostatic Application of Fungicide	R/P/2	331
Seed Treatment & Tuber Size	R/P/3	333
Alarm Pheromone Study	R/P/5	335
GRASS		
Nitrification Inhibitors	R/G/1	337
MISCELLANEOUS DATA		
METEOROLOGICAL RECORDS		
Rothamsted, Woburn & Saxmundham	E/1	342
CONVERSION FACTORS		