

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 1993

[Full Table of Content](#)



Contents 1993

Rothamsted Research

Rothamsted Research (1994) *Contents 1993* ; Yields Of The Field Experiments 1993, pp 3 - 5 - DOI: <https://doi.org/10.23637/ERADOC-1-48>

CONTENTS 1993

		Page
CONVENTIONS		
PESTICIDES USED		
EXPERIMENTS	CLASSICALS	
Broadbalk	W. wheat, potatoes	R/BK/1 11
Hoos Barley	S. barley	R/HB/2 17
Wheat & Fallow	W. wheat	R/WF/3 21
Exhaustion Land	W. wheat	R/EX/4 22
Park Grass	Old grass	R/PG/5 25
Barnfield	Ley	R/BN/7 33
Garden Clover	Clover	R/GC/8 37
ROTATIONS		
Ley/Arable	Leys, w. beans, w. wheat, w. rye, s. barley	W/RN/3 39
Organic Manuring	W. wheat	W/RN/12 49
CROP SEQUENCES		
Long Term Liming	W. lupins	R&W/CS/10 53
Chemical Reference Plots	S. barley	R/CS/140 56
Eyespot Resistance to MBC	W. wheat	R/CS/302 61
Long-term Straw Incorporation	W. wheat	R&W/CS/309 63
Effects of Shallow Straw Incorporation	S. wheat	R/CS/311 67
Cereal Sequences & Take-all	W. barley, w. oats, w. triticale, w. wheat	R/CS/323 71
Amounts of Straw	W. wheat	R&W/CS/326 74
Take-all Inoculation	W. wheat, w. oats	R/CS/331 78
Green Crops for Set-aside	Ryegrass, clover, tumbledown, w. and s. wheat	W/CS/347 80
Sowing Dates & Take-all	W. wheat	R/CS/354 85
Rates of N & Mineralization	W. wheat	R/CS/355 87
Set-aside Study	W. wheat	W/CS/356 89
Take-all Epidemics	W. wheat	W/CS/375 92
Cover Crops & 15N	W. barley	R/CS/380 94
N Uptake & Cover Crops	W. barley	W/CS/381 96
Cover Crops and Nitrogen	Forage rape, phacelia, ryegrass, rye, white mustard, tumbledown, w. and s. barley	W/CS/386 99
Cover Crops and N Cycling	Forage rape, rye, tumbledown, w. and s. barley	R/CS/399 102
Nitrogen Indicators	W. wheat	R/CS/401 105

ANNUALS

WINTER WHEAT

Aphid Immigration	R/WW/1	107
Sowing Date and N	R/WW/3	109
Seed Treatment and Take-all	R/WW/5	112

SPRING WHEAT

Weed Sowing Date and Density	R/WS/1	114
------------------------------	--------	-----

WINTER BARLEY

Companion Cropping	R/BW/1	116
Sowing Dates, Aphids & BYDV	R/BW/2	118

SPRING BARLEY

Sulphur and Spring Barley	W/BS/1	120
---------------------------	--------	-----

WINTER OILSEED RAPE

Fungal Pathogens & Glucosinolates	R/RAW/1	122
Varieties & Fungicides	R/RAW/2	124
Effects of Behaviour Modifying Chemicals	R/RAW/3	126
N, S & Glucosinolates	R/RAW/4	128
Disease Forecasting & Yield Loss	R/RAW/5	131
Weed Competition - Rape and Chickweed	R/RAW/7	134
Weed Competition - Rape and Cleavers	R/RAW/8	136
Weed Competition - Rape and Mayweed	R/RAW/9	138
Disease Pressure and Glucosinolates	R/RAW/10	140

SPRING OILSEED RAPE

Weed Competition and N in Spring Rape	W/RAS/1	142
Sulphur and Nitrogen	W/RAS/2	144

WINTER BEANS

Weed Competition - Beans and Weeds	R/BEW/2	146
------------------------------------	---------	-----

SPRING BEANS

Weevils and Insecticide	R/BES/2	148
Pheromone, Fungal Pathogens and Insecticide	R/BES/3	150

WINTER LUPINS

Lupin Varieties	R/LP/1	152
Sowing Date, Population and Disease	R/LP/2	154

SUNFLOWERS

Varieties & Disease	R/SU/1	157
---------------------	--------	-----

LINSEED

Varieties & Disease	R/LN/1	159
Weed Competition in Linseed	R/LN/2	161
Botrytis and Seed Infection	R/LN/3	163
Weed Types in Linseed	R/LN/6	165

POTATOES

Double Cropping	W/P/1	167
Effects of Silver Scurf and Black Dot	R/P/4	169

MIXED CROPS

Methods of Cover Crop Establishment	W/M/1	173
Weed Seed Production in Spring Crops	R/M/5	178

MISCELLANEOUS DATA

METEOROLOGICAL RECORDS

Rothamsted & Woburn	E/1	183
---------------------	-----	-----

CONVERSION FACTORS

ERRATUM

Park Grass corrections for 1978, 1984, 1989 and 1992 appear on pages 30-32