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## Yields of the Field Experiments 1996

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### 96/W/CS/347 Green Crops for Set-aside - W. Wheat

#### Rothamsted Research

Rothamsted Research (1997) *96/W/CS/347 Green Crops for Set-aside - W. Wheat* ; Yields Of The Field Experiments 1996, pp 75 - 77 - DOI: <https://doi.org/10.23637/ERADOC-1-51>



96/W/CS/347

**Experimental diary:**

30-Apr-96 : B : Halo at 1.5 l in 200 l.  
 02-May-96 : T : N N OPT: 27.5% N at 581 kg.  
 06-Jun-96 : B : Halo at 2.0 l with Mallard 750 EC at 0.5 l in 300 l.  
 20-Aug-96 : B : Combine harvested.

**NOTE:** Soil nitrogen was measured in autumn. Weeds were counted and estimates of ground cover were made in spring.

**GRAIN TONNES/HECTARE**

\*\*\*\*\* Tables of means \*\*\*\*\*

	N	NO	NOPT	Mean
<b>PREVCROP</b>				
(RY LF)		5.14	8.48	6.81
(RY+CL LF)		6.24	9.44	7.84
(RY+CL RE)		6.45	8.58	7.52
(RY+N RE)		4.80	8.56	6.68
(TU LF)		4.36	8.11	6.23
(ARABLE)		4.53	8.58	6.56
Mean		5.25	8.63	6.94
<b>WHEAT</b>	(W)	(S)		Mean
<b>PREVCROP</b>				
(RY LF)		6.41	7.21	6.81
(RY+CL LF)		7.48	8.20	7.84
(RY+CL RE)		7.02	8.02	7.52
(RY+N RE)		6.51	6.85	6.68
(TU LF)		6.29	6.18	6.23
(ARABLE)		6.20	6.91	6.56
Mean		6.65	7.23	6.94
<b>WHEAT</b>	(W)	(S)		Mean
<b>N</b>				
NO		4.76	5.75	5.25
NOPT		8.55	8.71	8.63
Mean		6.65	7.23	6.94
<b>PREVCROP</b>	<b>WHEAT</b>	(W)	(S)	
	<b>N</b>	NO	NOPT	NO
(RY LF)		4.60	8.23	5.69
(PC)		5.56	9.40	6.93
(PCR)		5.76	8.27	7.14
(RY+N RE)		4.56	8.46	5.04
(TU LF)		4.07	8.51	4.65
(ARABLE)		3.99	8.41	5.06
				NOPT
				8.74
				9.48
				8.90
				8.66
				7.71
				8.75

96/W/CS/347

GRAIN TONNES/HECTARE

\*\*\* Standard errors of differences of means \*\*\*

	PREVCROP	WHEAT	PREVCROP WHEAT
	1.015	0.166	1.054
Except when comparing means with the same level(s) of PREVCROP			0.406

	PREVCROP* N	WHEAT* N	PREVCROP* WHEAT N
	1.218	0.646	1.260
Except when comparing means with the same level(s) of PREVCROP	0.740		0.844
WHEAT		0.631	
N	1.060	0.187	1.108
PREVCROP.WHEAT			0.769
PREVCROP.N			0.457
WHEAT.N			1.108

\*\*\*\*\* Stratum standard errors and coefficients of variation \*\*\*\*\*

Stratum	d.f.	s.e.	cv%
BLOCK.WP1	10	1.243	17.9
BLOCK.WP1.SP	12	0.497	7.2
BLOCK.WP1.WP2	10	0.532	7.7
BLOCK.WP1.SP.WP2	12	0.366	5.3

GRAIN MEAN DM% 88.1

SUB-PLOT AREA HARVESTED 0.00236 or 0.00325