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Yields of the Field Experiments 1995

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95/R/RAW/7 Winter Rape Density and Chickweed - W. Oilseed Rape

Rothamsted Research

Rothamsted Research (1996) *95/R/RAW/7 Winter Rape Density and Chickweed - W. Oilseed Rape ; Yields Of The Field Experiments 1995*, pp 114 - 116 - DOI:

<https://doi.org/10.23637/ERADOC-1-50>

95/R/RAW/7

Experimental diary:

19-Apr-95 : B : Fastac at 0.2 l in 200 l.
 12-Jul-95 : B : Reglone at 3.0 l with Vassgro Spreader at 400 ml in 400 l.
 17-Jul-95 : B : Combine harvested.

Previous crops: W. barley 1993, set-aside 1994.

NOTES: (1) Crop failed on six plots due to slugs with treatment combinations:

CROP DEN	C1	C2	C1	C4
WEED DEN	W0 (twice)	W0 (twice)	W0	W1
	N	N0	N0	N1

Estimated values were used in the analysis.

(2) Crop and weed density was assessed in September and October. Crop and weed growth was recorded in December, April, May and July.

GRAIN (AT 90% DRY MATTER) TONNES/HECTARE

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

WEED DEN	W0	W1	Mean		
CROP DEN					
C1	3.84	2.90	3.37		
C2	3.70	3.91	3.80		
C4	4.29	4.02	4.16		
C8	4.49	4.15	4.32		
Mean	4.08	3.75	3.91		
N	N0	N1	Mean		
CROP DEN					
C1	2.98	3.76	3.37		
C2	3.77	3.84	3.80		
C4	3.95	4.36	4.16		
C8	4.37	4.27	4.32		
Mean	3.77	4.06	3.91		
N	N0	N1	Mean		
WEED DEN					
W0	3.92	4.24	4.08		
W1	3.61	3.88	3.75		
Mean	3.77	4.06	3.91		
	WEED DEN	W0	W1		
CROP DEN	N	N0	N1	N0	N1
C1		3.79	3.89	2.18	3.63
C2		3.35	4.04	4.18	3.64
C4		4.08	4.50	3.81	4.23
C8		4.46	4.51	4.27	4.03

95/R/RAW/7

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

CROP DEN	WEED DEN	N	CROP DEN
			WEED DEN
0.145	0.103	0.103	0.206

CROP DEN	WEED DEN	CROP DEN
N	N	WEED DEN
		N
0.206	0.145	0.291

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

Stratum	d.f.	s.e.	cv%
BLOCK.WP	24	0.356	9.1
GRAIN MEAN DM%	82.4		
PLOT AREA HARVESTED	0.00267		