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Yields of the Field Experiments 1988

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88/R/RA/5 Precision Sowing - W. Oilseed Rape

Rothamsted Research

Rothamsted Research (1989) *88/R/RA/5 Precision Sowing - W. Oilseed Rape* ; Yields Of The Field Experiments 1988, pp 226 - 228 - DOI: <https://doi.org/10.23637/ERADOC-1-43>

88/R/RA/5

Cultivations, etc.:- Discd twice, first N applied: 19 Aug, 1987. TCA applied, harrowed twice, rotary harrowed: 20 Aug. **SOW DATE** 21 AUG seed sown: 21 Aug. **SOW DATE** 11 SEP rotary harrowed, seed sown: 11 Sept. Metazachlor applied: 1 Oct. Second N applied: 19 Feb, 1988. Desiccant with wetting agent applied: 20 July. Combine harvested: 27 July. Previous crops: W. wheat 1986, w. barley 1987.

NOTE: Plant counts were made at establishment and in spring.

GRAIN (AT 90% DRY MATTER) TONNES/HECTARE

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

SOW DATE	21 AUG	11 SEP	Mean	
DRILL				
ALPHA C	2.32	3.25	2.79	
CNVNTIAL	2.96	3.47	3.22	
STANHAY	2.75	3.27	3.01	
Mean	2.68	3.33	3.00	
SEEDRATE	4 KG	8 KG	Mean	
DRILL				
ALPHA C	2.89	2.68	2.79	
CNVNTIAL	3.39	3.05	3.22	
STANHAY	3.03	2.99	3.01	
Mean	3.10	2.91	3.00	
SEEDRATE	4 KG	8 KG	Mean	
SOW DATE				
21 AUG	2.87	2.49	2.68	
11 SEP	3.34	3.33	3.33	
Mean	3.10	2.91	3.00	
SOW DATE	21 AUG		11 SEP	
DRILL SEEDRATE	4 KG	8 KG	4 KG	8 KG
ALPHA C	2.27	2.36	3.51	3.00
CNVNTIAL	3.28	2.64	3.49	3.46
STANHAY	3.05	2.46	3.01	3.53
SOWDATEX	21 AUG	11 SEP	Mean	
A SDRTX				
2 KG	2.92	3.61	3.26	
16 KG	1.94	2.75	2.35	
Mean	2.43	3.18	2.81	
GRAND MEAN	2.95			

88/R/RA/5

GRAIN (AT 90% DRY MATTER) TONNES/HECTARE

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

DRILL	SOW DATE	SEEDRATE	DRILL SOW DATE
0.162	0.133	0.133	0.230
DRILL SEEDRATE	SOW DATE SEEDRATE	DRILL SOW DATE SEEDRATE	A SDRTX
0.230	0.187	0.325	0.230
SOWDATEX	A SDRTX SOWDATEX		
0.230	0.325		

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

Stratum	d.f.	s.e.	cv%
BLOCK.WP	47	0.459	15.5
MEAN DM%	80.0		
PLOT AREA HARVESTED	0.00345		