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## Yields of the Field Experiments 1993

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### 93/R/BW/2 Sowing Dates, Aphids and Bydv - W. Barley

#### Rothamsted Research

Rothamsted Research (1994) *93/R/BW/2 Sowing Dates, Aphids and Bydv - W. Barley* ; Yields Of The Field Experiments 1993, pp 118 - 119 - DOI: <https://doi.org/10.23637/ERADOC-1-48>



93/R/BW/2

**Experimental diary:**

14-Apr-93 : B : 34.5% N at 370 kg.  
 21-Apr-93 : B : Ally at 30 g and Starane 2 at 1.0 l in 200 l.  
 18-May-93 : B : Calirus at 2.0 kg and Corbel at 0.50 l in 200 l.  
 02-Aug-93 : B : Combine harvested.

Previous crops: W. barley 1991 and 1992.

**NOTE:** Visual assessments were made for BYDV infection from late March to late May and leaf samples taken during March and April for subsequent enzyme-linked immunosorbent assay to determine levels of BYDV infection and isolates present. Numbers of ears, grains per ear and thousand grain weights were measured at harvest.

**GRAIN TONNES/HECTARE**

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

APHICIDE	NONE	CYPERMET	Mean
<b>SOWDATE</b>			
ERLYSEPT	4.98	5.57	5.28
MIDSEPT	5.14	5.53	5.33
LATESEPT	5.90	6.05	5.97
ERLYOCT	5.87	5.82	5.85
LATEOCT	5.67	5.55	5.61
Mean	5.51	5.70	5.61

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

SOWDATE	APHICIDE	SOWDATE APHICIDE
0.239	0.151	0.338

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

Stratum	d.f.	s.e.	cv%
BLOCK.WP	27	0.479	8.5
GRAIN MEAN DM%	86.0		
PLOT AREA HARVESTED	0.00204		