

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 1999

[Full Table of Content](#)



99/R/WW/13 Strobilurins and Nitrogen Curve - W. Wheat

Rothamsted Research

Rothamsted Research (2000) *99/R/WW/13 Strobilurins and Nitrogen Curve - W. Wheat* ; Yields Of The Field Experiments 1999, pp 131 - 132 - DOI: <https://doi.org/10.23637/ERADOC-1-34>

99/R/WW/12

GRAIN TONNES/HECTARE

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

FUNGCIDE	
-	10.70
OC	10.94
E	11.22
AC	11.09
M	11.05
AOC	11.26
Mean	11.04

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

FUNGCIDE
0.200

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

Stratum	d.f.	s.e.	cv%
BLOCK.WP	15	0.283	2.6
GRAIN MEAN DM%	84.8		
PLOT AREA HARVESTED	0.00275		

99/R/WW/13

WINTER WHEAT

STROBILURINS AND NITROGEN CURVE

Object: To investigate the effect on yield and nitrogen uptake, of amounts of nitrogen on a crop sprayed with a strobilurin or not - Little Hoos.

Sponsors: C.G. Peters, E. Stockdale, K.L. Sykes.

Design: 3 randomised blocks of 2 x 6 plots.

Whole plot dimensions: 3.0 x 10.0.

Treatments: All combinations of:-

1. NITROGEN Kg N:

N0	None
N1	60
N2	120 (50 early + 70 later)
N3	180 (50 early + 130 later)
N4	240 (50 early + 190 later)
N5	300 (50 early + 250 later)

2. FUNGICIDE Fungicides:

S	Strobilurin; epoxiconazole and kresoxim-methyl
C	Conventional; epoxiconazole

Experimental diary:

11-Sep-98 : B : : Ploughed and furrow pressed, started.
14-Sep-98 : B : : Ploughed and furrow pressed, completed.
19-Sep-98 : B : : Rotary harrowed.
22-Sep-98 : B : : Tiger 90 at 15 kg.
23-Sep-98 : B : : Combination drilled, Hereward, tr. Beret Gold, at 300 seeds/m² with the Accord drill.
25-Sep-98 : B : : Rolled.
09-Mar-99 : B : : tm)Isoguard at 1.0 l in 200 l.
: B : : tm)Unite A at 0.125 l in 200 l.
: B : : tm)Unite B at 1.0 in 200 l.
: B : : tm)Cropoil at 1.0 l in 200 l.
16-Mar-99 : T : N2,N3,N4,N5 : 34.5% N at 145 kg.
14-Apr-99 : T : N1,N2,N3,N4,N5 : 34.5% N at 174, 203, 377, 551 or 725 kg respectively.
19-Apr-99 : T : C : Opus at 1.0 l in 220 l.
: T : S : Landmark at 1.0 l in 220 l.
: B : : tm)Sypex at 1.5 l in 200 l.
: B : : tm)Enhance at 80 ml in 200 l.
26-May-99 : T : C : Opus at 1.0 l in 220 l.
: T : S : Landmark at 1.0 l in 220 l.
06-Aug-99 : B : : Combine harvested.

Previous crops: W. rape and turnip rape 1997, w. oats 1998.