

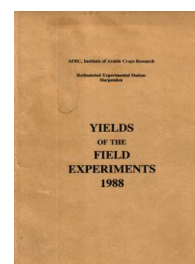
Thank you for using eradoc, a platform to publish electronic copies of the Rothamsted Documents. Your requested document has been scanned from original documents. If you find this document is not readable, or you suspect there are some problems, please let us know and we will correct that.



ROTHAMSTED
RESEARCH

Yields of the Field Experiments 1988

[Full Table of Content](#)



88/R/B/10 Harvest Dates and Malting Quality - S. Barley

Rothamsted Research

Rothamsted Research (1989) *88/R/B/10 Harvest Dates and Malting Quality - S. Barley* ; Yields Of The Field Experiments 1988, pp 196 - 197 - DOI: <https://doi.org/10.23637/ERADOC-1-43>

88/R/B/10

SPRING BARLEY

HARVEST DATES AND MALTING QUALITY

Object: To investigate the effects of harvest date on yield and malting quality of spring barley - Bones Close.

Sponsor: J.F. Jenkyn.

Design: 4 randomised blocks of 5 plots.

Whole plot dimensions: 3.0 x 15.0.

Treatments:

HARVDATE	Date of harvest:
NOGRN	Green tissue virtually absent
NOGRN+10	Green tissue virtually absent + 10 days
OPT	Optimum maturity
OPT+10	Optimum maturity + 10 days
OPT+20	Optimum maturity + 20 days

NOTE: Above stages were targets. Actual dates of harvest were 12 Aug, 1988, 18 Aug, 26 Aug, 5 Sept, 13 Sept.

Basal applications: Manures: 'Nitram' at 220 kg. Weedkillers: Mecoprop at 2.4 kg with clopyralid at 0.05 kg and bromoxynil at 0.24 kg in 200 l. Fungicides: Fenpropimorph at 0.75 kg in 200 l. Propiconazole at 0.12 kg and tridemorph at 0.25 kg in 200 l.

Seed: Triumph, dressed triadimenol and fuberidazole, sown at 160 kg.

Cultivations, etc.:- Cultivated by rotary digger and deep-tine cultivated with vibrating tines about 60 cm apart, 45 cm deep: 12 Dec, 1987. Heavy spring-tine cultivated, N applied, rotary harrowed, seed sown: 7 Mar, 1988. Weedkillers applied: 11 May. Fenpropimorph applied: 17 May. Remaining fungicides applied: 16 June. Previous crops: W. barley 1986, potatoes 1987.

NOTE: Malting quality was assessed on the grain.

88/R/B/10

GRAIN TONNES/HECTARE

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

HARVDATE	
NOGRN	8.70
NOGRN+10	8.57
OPT	8.17
OPT+10	7.86
OPT+20	7.81
Mean	8.22

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

HARVDATE	
	0.334

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

Stratum	d.f.	s.e.	cv%
BLOCK.WP	12	0.472	5.7
GRAIN MEAN DM% 79.7			
PLOT AREA HARVESTED 0.00378			