

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 1983

[Full Table of Content](#)



83/R/BE/6 Varieties - W. Beans

Rothamsted Research

Rothamsted Research (1984) *83/R/BE/6 Varieties - W. Beans* ; Yields Of The Field Experiments 1983, pp 282 - 283 - DOI: <https://doi.org/10.23637/ERADOC-1-44>

83/R/BE/6

WINTER BEANS

VARIETIES

Object: To compare agronomic characters and yields of four varieties of w. beans - Long Hoos IV 5.

Sponsors: J. McEwen, D.P. Yeoman.

Design: 4 randomised blocks of 4 plots.

Whole plot dimensions: 2.03 x 2.13.

Treatments:

VARIETY	Varieties:
BANNER	Banner
BEAGLE	Maris Beagle
BULLDOG	Bulldog
THROWS	Throws MS

NOTE: Seed was sown by hand in rows 51 cm apart, seed spaced 5 cm apart in the row.

Basal applications: Manures: Chalk at 2.9 t. Muriate of potash at 520 kg. Weedkillers: Trietazine at 1.0 kg with simazine at 0.14 kg in 340 l. Fungicides: Benomyl at 0.56 kg in 340 l on two occasions, with pirimicarb on the second, propiconazole at 0.12 kg in 340 l with pirimicarb. Insecticides: Permethrin at 0.15 kg in 340 l on two occasions; pirimicarb at 0.14 kg on two occasions with the fungicides.

Cultivations, etc.: - Muriate of potash applied: 16 Sept, 1982. Chalk applied: 30 Sept. Ploughed: 11 Oct. Power harrowed, seed sown: 29 Oct. Weedkillers applied: 11 Nov. Permethrin applied: 4 and 20 May, 1983. Benomyl applied: 23 May and 1 July. Propiconazole applied: 12 July. Pirimicarb applied: 1 and 12 July. Harvested by hand: 11 Aug. Previous crops: Potatoes 1981, s. barley 1982.

NOTE: Plant counts were made after establishment. Components of yield were measured at maturity. N content of grain was measured.

83/R/BE/6

GRAIN TONNES/HECTARE

***** TABLES OF MEANS *****

VARIETY	BANNER	BEAGLE	BULLDOG	THROWS	MEAN
	5.42	5.54	5.02	5.32	5.33

***** STANDARD ERRORS OF DIFFERENCES OF MEANS *****

TABLE	VARIETY
-----	-----
SED	0.427

***** STRATUM STANDARD ERRORS AND COEFFICIENTS OF VARIATION *****

STRATUM	DF	SE	CV%
BLOCK.WP	9	0.603	11.3

GRAIN MEAN DM% 88.4

PLOT AREA HARVESTED 0.00015