

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 1982

[Full Table of Content](#)



---

### 82/R/BE/13 Varieties - Spring Beans

#### Rothamsted Research

Rothamsted Research (1983) *82/R/BE/13 Varieties - Spring Beans* ; Yields Of The Field Experiments 1982, pp 300 - 301 - DOI: <https://doi.org/10.23637/ERADOC-1-33>

82/R/BE/13

SPRING BEANS

VARIETIES

Object: To compare agronomic characters and yields of six varieties of s. beans - Long Hoos VI/VII 5.

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

Design: 4 randomised blocks of 6 plots.

Whole plot dimensions: 2.03 x 2.13.

Treatments:

VARIETY      Varieties:

ALFRED  
BLAZE  
EXELLE  
MINDEN  
RED TICK  
TIGER

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 0.50 kg in 340 l; propiconazole at 0.12 kg in 340 l on two occasions. Insecticide: Permethrin at 62 g in 340 l applied twice.

Cultivations, etc.: - Muriate of potash applied: 12 Nov, 1981. Chalk applied: 27 Nov. Ploughed: 29 Jan, 1982. Spring-tine cultivated: 26 Mar. Spring-tine cultivated, power harrowed, seed sown: 29 Mar. Weedkillers applied: 14 Apr. Insecticide applied: 11 May, 26 May. Benomyl applied: 2 July. Propiconazole applied: 9 July, 13 Aug. Harvested by hand: 3 Sept. Previous crops: Potatoes 1980, fallow 1981.

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

82/R/BE/13

GRAIN TONNES/HECTARE

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

VARIETY	ALFRED	BLAZE	EXELLE	MINDEN	RED TICK	TIGER	MEAN
	5.43	5.73	5.47	5.60	4.80	5.50	5.42

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

TABLE	VARIETY
-----	-----
SED	0.275

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

STRATUM	DF	SE	CV%
BLOCK.WP	15	0.389	7.2

GRAIN MEAN DM% 86.8

PLOT AREA HARVESTED 0.00015