

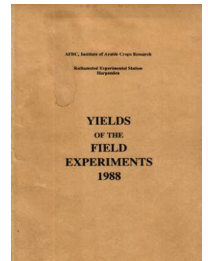
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88/R/BE/2 Varieties - W. Beans

Rothamsted Research

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88/R/BE/2

WINTER BEANS

VARIETIES

Object: To compare three varieties of winter beans - New Zealand.

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

Design: 6 randomised blocks of 3 plots.

Whole plot dimensions: 6.0 x 10.0.

Treatments:

VARIETY Varieties, sown at 24 seeds per square metre on 23 Oct, 1987:

BANNER
BOURDON
PUNCH

Basal applications: Weedkillers: Paraquat at 0.60 kg ion in 200 l. Propyzamide at 0.85 kg with simazine at 1.2 kg in 200 l. Fungicides: Benomyl at 0.50 kg with chlorothalonil at 1.0 kg and a wetting agent ('Enhance' at 0.03 l) in 200 l. Insecticide: Deltamethrin at 0.0079 kg in 200 l on two occasions.

Cultivations, etc.:- Paraquat applied: 22 Oct, 1987. Seed broadcast and ploughed in: 23 Oct. Disced: 26 Oct. Remaining weedkillers applied: 5 Nov. Insecticide applied: 26 Apr, 1988, 17 May. Fungicides with wetting agent applied: 20 June. Combine harvested: 3 Oct. Previous crops: W. wheat 1986 and 1987.

NOTE: Establishment counts were made in autumn and components of yield measured at maturity.

88/R/BE/2

GRAIN TONNES/HECTARE

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

VARIETY	BANNER	BOURDON	PUNCH	Mean
	5.24	5.47	5.98	5.57

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

VARIETY
0.182

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

Stratum	d.f.	s.e.	cv%
BLOCK.WP	10	0.315	5.7

GRAIN MEAN DM% 79.8

PLOT AREA HARVESTED 0.00330