

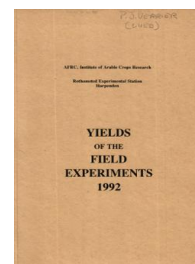
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Yields of the Field Experiments 1992

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92/R/PE/1 Spring Pea Varieties - Peas

Rothamsted Research

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92/R/PE/1

PEAS

VARIETIES

Object: To compare the protein content and yield of varieties of marrowfat peas - Long Hoos VI/VII 5.

Sponsors: G.F.J. Milford, J.M. Day.

Design: 3 randomised blocks of 4 plots.

Whole plot dimensions: 2.0 x 10.0.

Treatments:

VARIETY	Varieties:
MARO	Maro
PROGRET	Progretta
GUIDO	Guido
42-17	42-17

Experimental diary:

16-Mar-92 : B : Deep tine cultivated.
09-Apr-92 : B : Heavy spring-tine cultivated, rotary harrowed.
10-Apr-92 : T : **VARIETY** MARO, PROGRET, GUIDO, 42-17: All drilled at 280 kg, rolled.
03-Jun-92 : B : Fortrol at 2.0 l and Trifolex-Tra at 2.0 l in 200 l.
22-Jun-92 : B : Chiltern Chlorothalonil 500 at 3.0 l and Aphox at 0.28 kg in 260 l.
03-Aug-92 : T : **VARIETY** 42-17: Cut and threshed.
05-Aug-92 : T : **VARIETY** MARO, PROGRET: Cut and threshed.
10-Aug-92 : T : **VARIETY** GUIDO: Cut and threshed.

Previous crops: W. lupins 1990, s. wheat 1991.

NOTES: (1) Experiment was preceded by w. lupins, which were sown in autumn 1991 and subsequently failed.
(2) Each variety was cut by hand and threshed by stationary combine harvested.

92/R/PE/1

GRAIN TONNES/HECTARE

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

VARIETY	
MARO	4.22
PROGRET	3.80
GUIDO	4.23
42-17	4.83
Mean	4.27

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

VARIETY
0.219

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

Stratum	d.f.	s.e.	cv%
BLOCK.WP	6	0.268	6.3

GRAIN MEAN DM% 84.7

PLOT AREA HARVESTED 0.00195