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99/R/SU/1 Hybrid Sunflowers - Sunflowers

Rothamsted Research

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99/R/LNS/1

GRAIN TONNES/HECTARE

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

FUNGCIDE	TIMING	VARIETY*
0.037	0.043	FUNGCIDE
		0.052
VARIETY*	FUNGCIDE	VARIETY*
TIMING	TIMING	FUNGCIDE
0.061	0.074	TIMING
		0.105

* Within the same level of **VARIETY** only

SED for comparing **EXTRA** A or J with any item in **VARIETY.FUNGCIDE.TIMING** table is 0.091 within the same level of **VARIETY** only

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

Stratum	d.f.	s.e.	cv%
BLOCK.WP.SP	28	0.105	4.9

GRAIN MEAN DM% 92.7

PLOT AREA HARVESTED 0.00230

99/R/SU/1

SUNFLOWERS

HYBRID SUNFLOWERS

Object: To compare the performance of two hybrid sunflower varieties at three different seed rates - Long Hoos IV 5.

Sponsors: A. Heran, H.A. McCartney.

Design: 2 randomised blocks of 2 x 3.

Whole plot dimensions: 5.0 x 20.0.

Treatments:

1. **VARIETY**

A	Antonil
S	Sanluca

2. **SEEDRATE** Seeds/ha:

S1 95,000
S2 110,000
S3 125,000

Experimental diary:

18-Nov-98	:	:	:	Roundup at 2.0 l in 200 l.
04-Dec-98	:	:	:	Ploughed.
06-Apr-99	:	:	:	Spring-tined.
18-May-99	:	B	:	Rotary harrowed.
	:	T	:	Varieties drilled as treatment with Nodet Gougis drill.
19-May-99	:	B	:	34.5% N at 290 kg.
20-May-99	:	B	:	Stomp 400 SC at 5.0 l in 200 l.
18-Oct-99	:	B	:	Combine harvested. Chopped straw.

Previous crops: S. wheat 1997, s. beans 1998.