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96/R/LP/14 Desiccation, Timing and Method - Lupins

Rothamsted Research

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96/R/LP/14

SPRING LUPINS

DESICCATION, TIMING AND METHOD

Object: To test the effect of desiccation on harvest date and seed quality of s. lupins - Long Hoos VI/VII 1.

Sponsors: I. Shield, G.F.J. Milford, H.J. Stevenson, J.E. Leach and T. Scott.

Design: 5 randomised blocks of 3 plots.

Whole plot dimensions: 3.0 x 9.0.

Treatments:

TIMING Timing of applying desiccant:

-	None
E	Early
L	Late

Experimental diary:

21-Nov-95 : B : Ploughed.
13-Mar-96 : B : Heavy spring-tine cultivated.
14-Mar-96 : B : CH304/73, dressed Germipro, drilled at 80 seeds per m².
15-Mar-96 : B : Stomp 400 SC at 5.0 l in 200 l.
30-May-96 : B : Lo-gran 20 WG at 18.8 g in 200 l.
19-Jun-96 : B : Lo-gran 20 WG at 18.8 g in 200 l.
09-Jul-96 : B : Wild oats pulled by hand.
26-Jul-96 : B : Pirimicarb 50 DG at 280 g with Vassgro Spreader at 120 ml in 400 l.
30-Jul-96 : B : Mistral at 1.0 l in 400 l.
06-Sep-96 : T : **TIMING** E: Stefes Glyphosate at 3.0 l in 220 l.
24-Sep-96 : T : **TIMING** L: Stefes Glyphosate at 3.0 l in 220 l.
17-Oct-96 : B : Combine harvested.

Previous crops: W. and s. rape 1994, set-aside 1995.

NOTE: A planned treatment of swathing early and late did not take place and yields from these plots have been ignored.

96/R/LP/14

GRAIN TONNES/HECTARE

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

TIMING

-	2.34
E	2.51
L	2.38
Mean	2.41

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

TIMING

0.143

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

Stratum	d.f.	s.e.	cv%
BLOCK.WP	8	0.226	9.4
GRAIN MEAN DM%	79.8		
PLOT AREA HARVESTED	0.00207		