Pod setting of lupins on the South Coast.

M. Seymour

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TITLE: Pod Setting of Lupins on the South Coast
PERSONNEL: Seymour, M. (RO), Burgess, P. (TO)
DATE: 1990
EX FILE: 5770
TRIAL NUMBER: 90ES7
DOS FILENAME: SEYM90c.xls
Trial No. 90ES7

Title. Lupin pod setting study

Aim. To investigate the effect of time of sowing on the flowering and pod set of lupins, when grown in high rainfall/long growing season environments.

Treatments.
5 sowing dates of Danja

Site Details

Soil type: Fleming sand

Paddock history:
1988 = lupins, 1989 = cereals

Site preparation:
17/4/90 S/seed @ 2.01/ha + Simazine @ 21/ha

Sowing details:
29/4/90 1tos seeded @5cm
7/5/90 2tos seeded @5cm
14/5/90 3tos seeded @5cm
21/5/90 4tos seeded @5cm
28/5/90 5tos seeded @5cm

All seedings: @ 205 kg/ha of super-Mn, press wheels used to 1, 2, 3 and 4.

Post sowing treatments:
20/6/90 Lorsban 350ml/ha + Fusilade 300 ml/ha + 0.2% wetter, all tos
5/6/90 KCL @ 100kg/ha topdressed across 1tos and 2tos.
19/6/90 KCL @ 100kg/ha topdressed across 3tos and 4tos.
5/7/90 KCL @ 100kg/ha topdressed across 5tos.
17/9/90 Pirimor @ 300g/ha handsprayed across all plots
4/10/90 MnSO4 @ 4kg/ha in 100l/ha of water all plots 1st and 2nd tos.
25/10/90 MnSO4 @ 4kg/ha in 100l/ha of water all plots 3rd, 4th and 5th tos.

Harvest date: 7/12/90

Comments: Highest yielding trial to date of 4t/ha. No significant response to sowing date. Yid components and flower/pod abortion responses not fully analysed.
90ES7 Danja seed yield response to time of sowing (kg/ha).

<table>
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<th>7-May</th>
<th>14-May</th>
<th>21-May</th>
<th>28-May</th>
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<tbody>
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P< (TOS) ns