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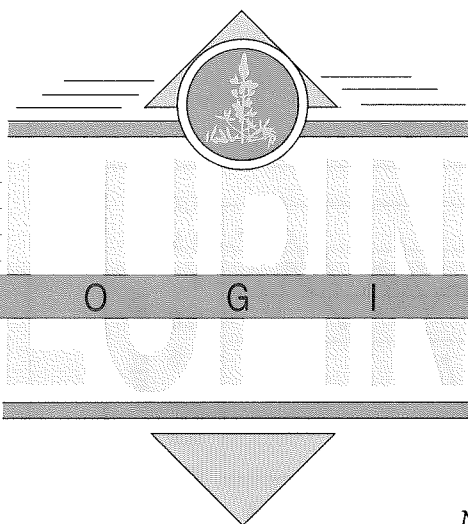
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Results of survey

An amazing response to the survey. We have a mailing list of 3800 and to date we have received 1059 replies.

The survey also enabled us to modify our mailing list as several respondents replied that they had left farming and no longer required *Lupin Logic*. If you were one of these and still received this *Lupin Logic* it means that you did not indicate your name and address on the survey form.

In answer to the questions the following responses were received:

	%Yes
1. Do you read <i>Lupin Logic</i> on a regular basis?	92
2. If so, would you be prepared to pay (\$30/yr) for 12 issues?	31
3. Would you like to see fewer issues per year?	60
If so should it be:	
Quarterly - 4 issues/year	32
Bi-monthly - 6 issues/year	29
4. Would you prefer to have articles on all the pulses combined into one pulse newsletter?	76

In effect the overwhelming positive response to have all pulses combined into one newsletter signifies the death knell for *Lupin Logic* in its present form, however your feedback suggests that *Lupin Logic* style would play an integral role in any pulse newsletter that the Grain Pool in conjunction with industry may in future produce.

International Grain Marketing Conference

The Grain Pool has also received a good response from overseas delegates to its International Grain Marketing Conference on Wednesday, 3 September 1997 to celebrate 75 years of customer service.

With just three weeks to go, it's important that those growers wishing to attend register their attendance. To make that easier, a registration form is included with this edition of *Lupin Logic* and may be faxed back to (08) 9481 3553. With 12 international speakers covering cereals, oilseeds, pulses, grain handling and shipping and over 160 overseas delegates booked it will be an event not to be missed.

These people determine the future for your crops, don't miss what they have to say and be there to tell them what you think at the same time!

A special fee of \$50 applies to growers only.

Anthracnose day - 22 September

On 22 September this year lupin growers throughout Western Australia will be asked to search their lupin paddocks for any signs of lupin anthracnose. Photographs and descriptions of the disease will be sent out to farmers along with a stamped self-addressed envelope in which suspect samples can be sent to pathologists in Perth for identification. Also included in the anthracnose kit will be photographs and descriptions of several other lupin diseases to help in your identification. Detailed information regarding sampling procedures and hygiene will be included in the kit being sent out to farmers.

All lupin growers are encouraged to take part in this valuable exercise as the information obtained will give a better overall picture of how widespread this disease is throughout Western Australia.

For more information, please contact Justin Mercy, Development Officer, Moora (08) 9651 1302.

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Lupin yields and area

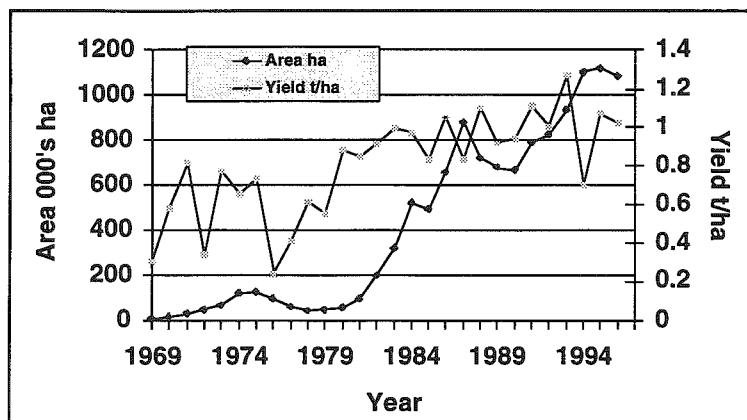


Figure 1. Lupin area (ha) and yield (t/ha) – Western Australia

Cereal yields and varieties

Whilst checking on the yield trends of lupins (see Figure 1) I have also plotted out the yield trends of wheat, barley and oats. The graph shows that there has been remarkable yield increases in all cereal species occurring at the same rate over the same time period. This remarkable coincidence would suggest that whilst plant breeders have made gains in quality and disease resistance, most of the yield improvement is due to a change in production methods rather than genetic improvements. In the early 1980s the first of the grass selective herbicides Fusilade® was widely used in lupin crops and pastures to control grass weeds. During this period there was also a rapid expansion of the lupin industry. In 1997 1.1 million hectares of cereal could be planted on the first rains without having to worry about grass weed control or the effects of take-all with the added advantage of residual organic nitrogen being available from the lupin crop. This is known as a farming system.

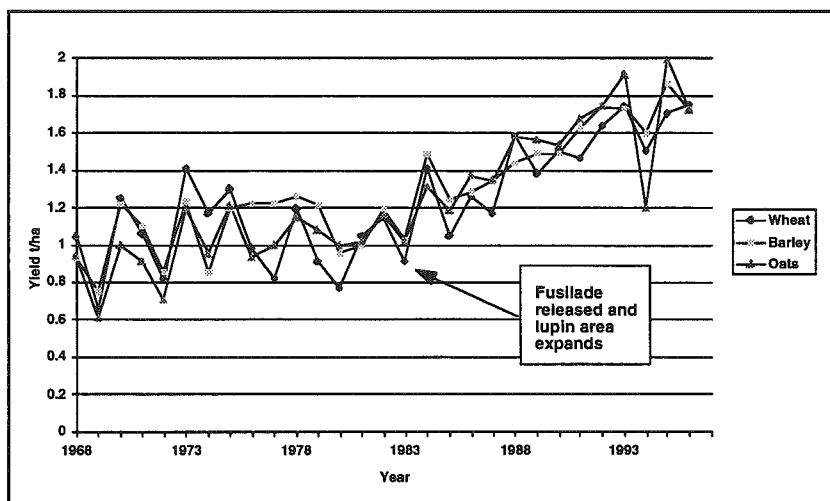


Figure 2. Yields of wheat, barley and oats (t/ha)

New varieties

As mentioned in last month's *Lupin Logic* two narrow-leaved and one yellow lupin are being bulked up for release to farmers next year. These varieties have now been named as follows:

Belara (WALUP0509)

Early flowering and adapted to the low and medium rainfall areas where it outyields other varieties.

Tallerack (WALUP2039)

This is the first restricted branching line released by Agriculture Western Australia.

Wodjil (Teo 105)

The first sweet yellow lupin variety released in Australia.

Brochures giving full details of these varieties are available from Agriculture WA.

Albus response

I have received one letter to my request in the last issue of *Lupin Logic* regarding the future of the albus lupin industry!

Aphids

This is the month when aphids can do physical damage to flowering lupins. Françoise Berlandier, entomologist with Agriculture WA, has predicted that aphid numbers will be high this spring and many crops will need spraying. Spraying should be carried out when 10% of the crop is heavily infested and fine mild weather is forecast.

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