GROWER CANOLA VARIETY DEMONSTRATION TRIALS

Background
New varieties are being released without growers having the opportunity to see how they perform on their farms. Two grower demonstration trials were sown on a heavy alkaline mallee soil with medium to low rainfall and a sandy soil over gravel on the high rainfall zone to compare performance.

Key results
- Boomer was the highest yielder in the Scaddan trial, followed by Thunder.
- Thunder, Beacon, Hyden and TriGold all yielded well at Scaddan.
- At Dalyup, Trigold, Boomer, Trilogy and Stubby all yielded poorly and did not recover from the waterlogging.
- Tornado, Thunder and Beacon recovered well from the waterlogging to give reasonable yields.

Summary
- It was a very soft finish with above average rainfall. In Scaddan above average yields were obtained, although nitrogen may have limited yields somewhat as the rainfall potential was 3t/ha. Boomer and Trigold are good varieties for this area for a late start. With an early start Thunder, Hyden, Beacon and Tornado are good options.
- In Dalyup the paddock got totally waterlogged and the plants went purple. The short season varieties went into flower while still very short, resulting in poor yields. The long season varieties managed to grow out with the dry July and still gave reasonable yields.

Trial Data

Severe Waterlogging occurred at Dalyup site

Seasonal Rainfall

<table>
<thead>
<tr>
<th>Area</th>
<th>Apr</th>
<th>May</th>
<th>Jun</th>
<th>Jul</th>
<th>Aug</th>
<th>Sep</th>
<th>Oct</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Scaddan</td>
<td>68</td>
<td>56</td>
<td>97</td>
<td>20</td>
<td>62</td>
<td>67</td>
<td>52</td>
<td>422</td>
</tr>
<tr>
<td>Dalyup</td>
<td>42</td>
<td>59</td>
<td>123</td>
<td>46</td>
<td>67</td>
<td>72</td>
<td>54</td>
<td>463</td>
</tr>
</tbody>
</table>

Paddock Data:
Dalyup
Seeded 26th April, with 100kg/ha AgYield Extra, + 70kg/ha Urea.
Rainfall potential yield: 3.5t/ha

Scaddan
Seeded 14th April, with 80kg/ha Agflow extra, + 40kg/ha Muriate of potash + 80kg/ha sulphate of ammonia + 120L/ha FlexiN
Rainfall potential yield: 3.1t/ha

Contact Dave Eksteen for further details