**NOZZLE SELECTION GUIDE**

**July 2015**

### Extended Range Fans

<table>
<thead>
<tr>
<th>Brand</th>
<th>Pre-Grillie (RUN ABOVE 1.5-2 BAR)</th>
<th>Low Pressure Air Induction (RUN ABOVE 2-3 BAR)</th>
<th>High Pressure Air Induction (RUN ABOVE 3-4 BAR)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>BAR</td>
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<tr>
<td></td>
<td><strong>Model</strong></td>
<td><strong>Nozzle</strong></td>
<td><strong>Size</strong></td>
</tr>
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<td></td>
<td></td>
<td>BAR</td>
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<tr>
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<td>XR-110</td>
<td>F-110</td>
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<tr>
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<td>D-90</td>
<td>2.0</td>
<td>M</td>
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<td>T-90</td>
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<td>G</td>
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<td>D-90</td>
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<td>J</td>
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<td>D-90</td>
<td>2.0</td>
<td>M</td>
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</tbody>
</table>

*All spray data and information (sourced from manufacturer’s published data at time of printing) is according to the ASABE standard 327.3 or the BDCG standard (tested with water), except for the HYPRO power spray which are according to the new ASABE standard 327-2, which requires the addition of an exponent at testing. Adding an exponent will cause the spray quality (droplet size) to appear finer than previous standards. Over time all manufacturers will update their spray quality classifications to meet the new standards. Always check with the nozzle manufacturer to confirm if the spray quality reported in this chart has been updated according to the new standards. All data has been sourced from the manufacturer’s websites as at November 2014, except for the Agrotop TurboDrop TD and Amigo which were sourced from Nufarm Sprayeze Publications dated 2012. Compiled by: BB Gordon Consulting Pty Ltd bill.gordon@bigpond.com 0429 976565
### Table: L/ha at various Speeds (km/h) based on a 50cm nozzle spacing

<table>
<thead>
<tr>
<th>Speed (km/h)</th>
<th>L/min/nozzle</th>
<th>Orange</th>
<th>Yellow</th>
<th>Green</th>
<th>Blue</th>
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</thead>
<tbody>
<tr>
<td>1.0</td>
<td>4.0</td>
<td>0.28</td>
<td>0.42</td>
<td>0.45</td>
<td>0.56</td>
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<tr>
<td>1.5</td>
<td>6.8</td>
<td>0.32</td>
<td>0.48</td>
<td>0.59</td>
<td>0.66</td>
</tr>
<tr>
<td>2.0</td>
<td>8.0</td>
<td>0.40</td>
<td>0.56</td>
<td>0.68</td>
<td>0.85</td>
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<tr>
<td>2.5</td>
<td>9.0</td>
<td>0.46</td>
<td>0.62</td>
<td>0.74</td>
<td>1.02</td>
</tr>
<tr>
<td>3.0</td>
<td>10.0</td>
<td>0.52</td>
<td>0.72</td>
<td>0.84</td>
<td>0.96</td>
</tr>
<tr>
<td>3.5</td>
<td>11.0</td>
<td>0.58</td>
<td>0.82</td>
<td>0.94</td>
<td>1.09</td>
</tr>
<tr>
<td>4.0</td>
<td>12.0</td>
<td>0.65</td>
<td>0.91</td>
<td>1.05</td>
<td>1.25</td>
</tr>
<tr>
<td>4.5</td>
<td>14.0</td>
<td>0.72</td>
<td>1.03</td>
<td>1.20</td>
<td>1.45</td>
</tr>
<tr>
<td>5.0</td>
<td>16.0</td>
<td>0.80</td>
<td>1.24</td>
<td>1.45</td>
<td>1.70</td>
</tr>
</tbody>
</table>

**Note:** The values are in liters per hectare (L/ha).