Variety snapshot

- Strong photoperiod sensitivity like Yitpi, offering sowing date flexibility
- Mid-late season maturity, potentially avoiding frost damage at flowering
- Higher yielding than other mid-late maturing varieties
- Excellent rust resistance
- Better yellow spot resistance than Yitpi
- APW quality classification
Breeders comments
Modern farming systems call for a suite of varieties with a range of maturities in order to make use of suitable sowing conditions and to maximise yield. The mid maturing variety Scepter is the highest yielding wheat in farmer’s paddocks at the moment, but what variety choices do you have when a mid to late April sowing opportunity presents itself, or when you know you need a later maturing variety to reduce your risk of frost damage?

Yitpi has been a favourite for nearly 15 years, but is now out-classed for yield. We believe that Cutlass will fill the void for early sowing. Cutlass, like Yitpi is from the Spear family and uses strong photoperiod sensitivity to maintain sowing date flexibility. In most areas, like Yitpi, Cutlass should suit a sowing window from mid-April to mid-May.

Importantly, Cutlass is higher yielding. From 2012 to 2016 in WA, Cutlass out performed Yitpi by 6%. We believe that this yield, combined with better leaf rust, stem rust, stripe rust and yellow spot resistance should make Cutlass a clear choice when picking a wheat for earlier sowing or frost avoidance. Cutlass is APW, but when its superior yield is considered, it is a better value option than Yitpi.

Seed Availability
Commercial quantities of Cutlass may be available through AGT Affiliates, or your local retailer. Please consult the AGT website for AGT Affiliate contact details.

Cutlass is able to be traded between growers upon the completion of a License Agreement as part of AGTs Seed Sharing™ initiative.

PBR and EPR
Cutlass is protected by Plant Breeders Rights (PBR) and all production (except seed saved for planting) is liable to an End Point Royalty (EPR), which funds future plant breeding. Cutlass growers will be subject to a Growers License Agreement that acknowledges that an EPR of $3.00/tonne + GST has to be paid on all production other than seed saved for planting.
Predicted yield of Cutlass versus control varieties: **Main season NVT series**  Grain yield as % of region average (NVT long term MET analysis 2012-2016)

- **Agzone 1** (2.37t)  
  - Cutlass: 104
  - Yitpi: 103
  - Trojan: 102

- **Agzone 2** (2.76t)  
  - Cutlass: 103
  - Yitpi: 102
  - Trojan: 101

- **Agzone 3** (3.96t)  
  - Cutlass: 102
  - Yitpi: 101
  - Trojan: 100

- **Agzone 4** (1.79t)  
  - Cutlass: 101
  - Yitpi: 100
  - Trojan: 99

- **Agzone 5** (2.77t)  
  - Cutlass: 100
  - Yitpi: 99
  - Trojan: 98

- **Agzone 6** (3.56t)  
  - Cutlass: 99
  - Yitpi: 98
  - Trojan: 97
Maturity (heading date) of Cutlass versus control varieties at a range of sowing dates at Roseworthy SA 2014

Disease, agronomic and grain quality ratings for Cutlass and control varieties

<table>
<thead>
<tr>
<th></th>
<th>Cutlass</th>
<th>Yitpi</th>
<th>Trojan</th>
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<tr>
<td>Septoria Nodorum Blotch</td>
<td>MRMS</td>
<td>MS</td>
<td>MS</td>
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<tr>
<td>Septoria Tritici Blotch</td>
<td>MSS</td>
<td>MRMS</td>
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<td>Yellow Spot</td>
<td>MSS</td>
<td>SVS</td>
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<td>RMR</td>
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<tr>
<td>Test Weight</td>
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<td>High</td>
<td>High</td>
</tr>
</tbody>
</table>

R Resistant T Tolerant
MR Moderately Resistant MT Moderately Tolerant
MS Moderately Susceptible MI Moderately Intolerant
S Susceptible I Intolerant
VS Very Susceptible VI Very Intolerant

Source / WA Department of Agriculture and Food: Wheat disease update for 2017 and AGT data.
Disclaimer / The information contained in this brochure is based on knowledge and understanding at the time of writing. Growers should be aware of the need to regularly consult with their advisors on local conditions and currency of information.