

Durum

Variety fact sheet – Northern NSW & Queensland

Westcourt[®]



- Very high yield in the Northern region, outperforming leading variety Lillaroi[Ⓢ]
- ADR quality classification
- Mid-season maturity, similar to Caparoi[Ⓢ]
- Very good physical grain characteristics with low screenings
- Excellent disease resistance package

Breeder's comments

Westcourt[®] (tested as AGTD090) is our first durum variety specifically bred to perform in the Northern durum growing region. Since relocating our durum breeding headquarters to Narrabri, our aim has been to develop durum varieties that offer significant yield advantages over commonly grown varieties while maintaining the high levels of disease resistance and grain quality that the Northern region is known for.

We believe that Westcourt[®] has achieved these aims, offering a dominant package of yield, disease resistance and grain quality. Across northern NSW and southern QLD trials, Westcourt[®] has consistently out-yielded leading durum variety Lillaroi[®], setting a new yield benchmark for durum varieties adapted for the Northern region. Westcourt[®] also offers similar grain size and disease resistance package as Lillaroi[®].

Westcourt[®] is a mid season maturing variety and will suit planting dates towards the front of your durum program.

The naming convention we use for our durum varieties is Melbourne Cup winners, with 'Westcourt' winning the famous race in 1917.

Seed Availability

Commercial quantities of Westcourt[®] may be available through AGT Affiliates, or your local retailer. Please consult the AGT website for AGT Affiliate contact details.

Westcourt[®] is able to be traded between growers upon the completion of a License Agreement as part of AGT's Seed Sharing™ Initiative.

PBR and EPR

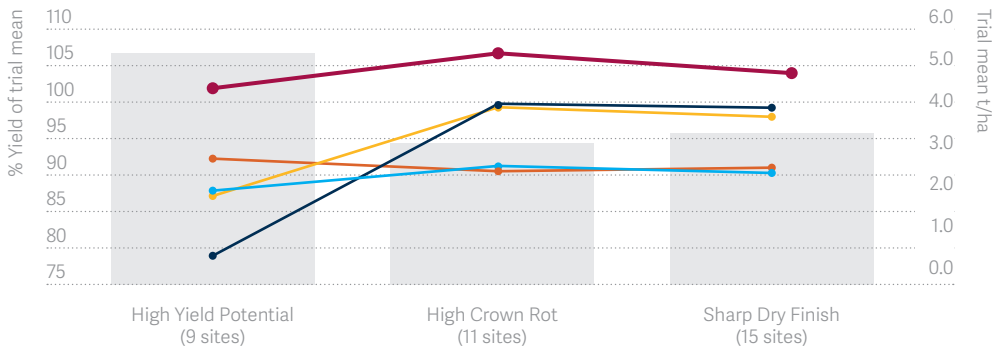
Westcourt[®] is protected by Plant Breeders Rights (PBR) and all production (except seed saved for planting) will be liable to an End Point Royalty (EPR), which funds future plant breeding. Westcourt[®] growers will be subject to a Growers License Agreement that acknowledges that an EPR of \$3.50/tonne + GST has to be paid on all production other than seed saved for planting.



Yield

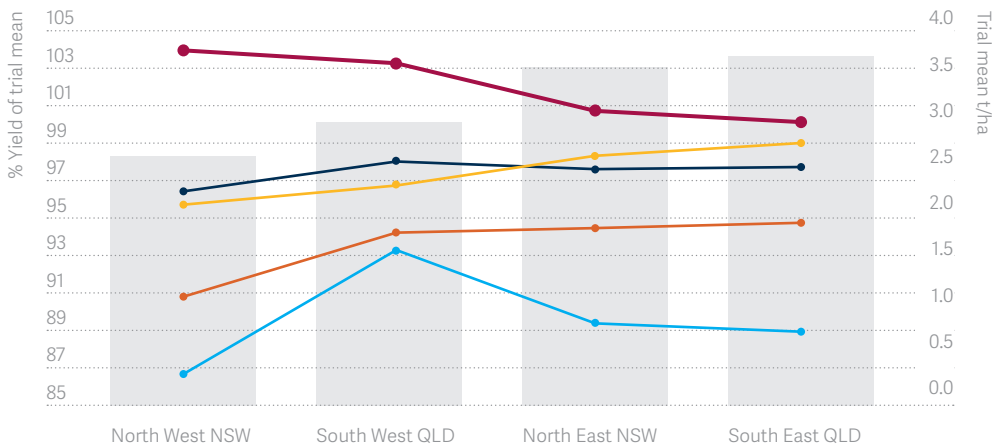
Westcourt[®] has displayed very high and consistent grain yields across a range of growing conditions (Figure 1) and geographical environments (Figure 2) in the Northern Zone, outperforming other commonly grown varieties.

Figure 1 Predicted YIELD of Westcourt[®] across a range of Northern growing conditions



Source / AGT long term MET analysis 2014-2018

Figure 2 Predicted YIELD of Westcourt[®] across Northern durum growing environments



Legend: Trial mean t/ha, Westcourt[®]*, Caparoi[®], Lillaroj[®], Bellaroj[®], Jandaroi[®]

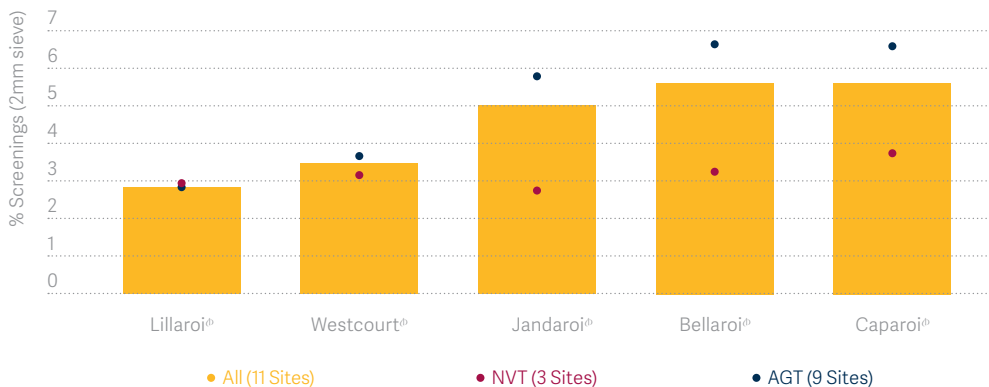
Source / NVT long term MET analysis, DURUM TRIAL SERIES 2014-2018

* Yield prediction based on one year of data

Physical Grain Quality

Westcourt[®] has an ADR quality classification for the Northern Zone (northern NSW/QLD). Westcourt[®] produces grain with good semolina colour and relatively low screenings compared with comparator varieties.

Figure 3 SCREENINGS of Westcourt[®] versus comparators



Source / NVT DURUM TRIAL SERIES 2018 (Northern sites) & AGT DURUM TRIAL SERIES 2017-2018 (Northern sites)

Disease Resistance

The disease resistance ratings for Westcourt[®] are comparable to most other commonly grown durum varieties in the Northern Zone.

Table 1 Variety comparisons

	Westcourt ^{®*}	Bellaroi [®]	Caparoi [®]	Jandaroi [®]	Lillaroi [®]
Stem rust	RMR	MR	RMR	MR	RMR
Stripe rust	RMR	MR	MR	MR	RMR
Leaf rust	RMR	MRMS	RMR	MR	RMR
Yellow leaf spot	MRMS	MR	MR	MRMS	MRMS

R Resistant
MR Moderately Resistant
MS Moderately Susceptible

S Susceptible
VS Very Susceptible
* Provisional ratings

Source / NVT and AGT data



Douglas Lush, Marketing Manager, Northern NSW/QLD

0407 177 029

Tom Kapcejevs, Durum Breeder

0499 228 428

End Point Royalty Office

(08) 7111 0201

agtbreeding.com.au

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.