

Durum

Variety fact sheet – Northern NSW & Queensland

Westcourt[®]



- Very high yield in the northern region, outperforming leading variety DBA Lillaroi[Ⓟ]
- ADR quality classification
- Mid-season maturity, similar to Caparoi[Ⓟ], DBA Aurora[Ⓟ] and DBA Bindaroi[Ⓟ]
- 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 Queensland trials, Westcourt[®] has consistently out-yielded leading durum variety DBA Lillaroï[®], setting a new yield benchmark for durum varieties adapted for the northern region. Westcourt[®] also offers similar grain size and disease resistance package as DBA Lillaroï[®].

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

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

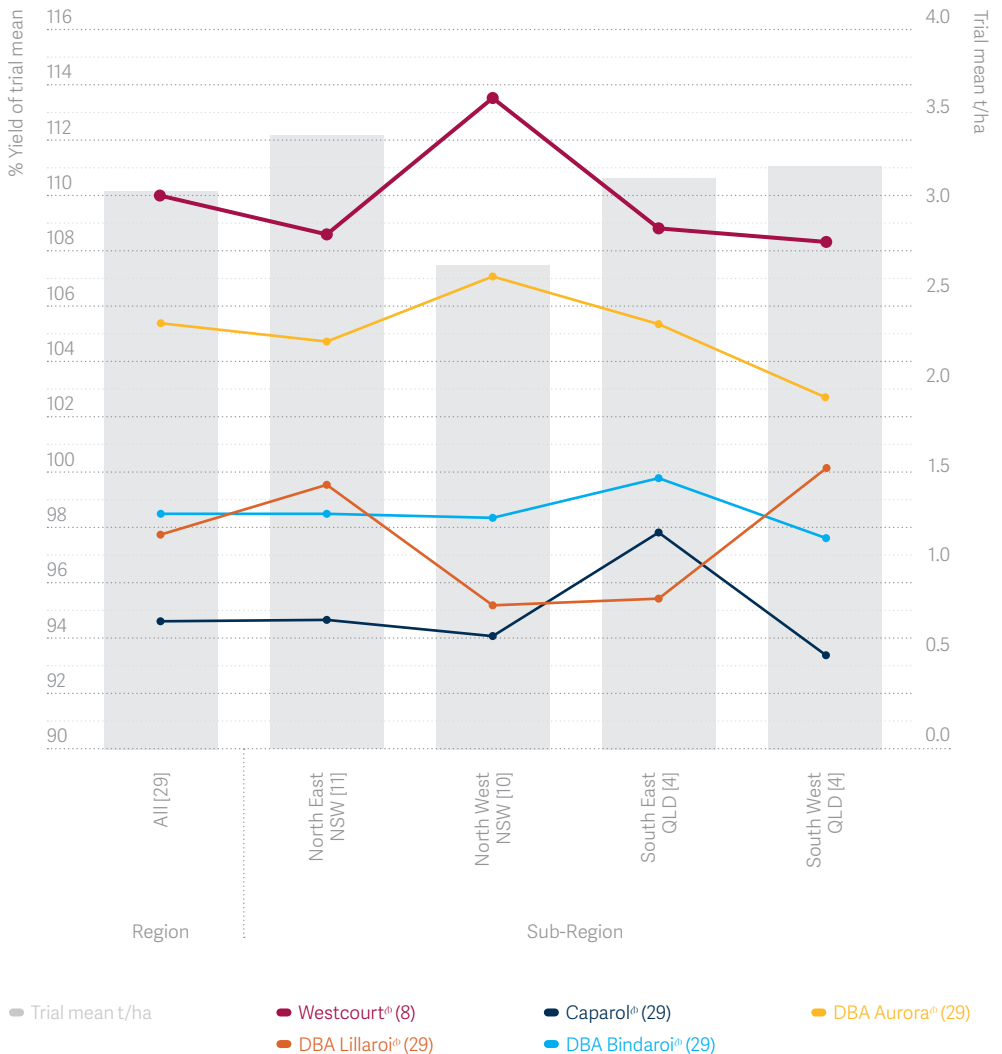
Westcourt[®] is protected by Plant Breeders Rights (PBR) and all production (except seed saved for planting) will be liable to an End Point Royalty (EPR), which funds future plant breeding. Westcourt[®] growers will be subject to a Growers License Agreement that acknowledges that an EPR of \$3.50/tonne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



Grain yield

Westcourt[®] has displayed very high and consistent grain yield across geographical environments in the northern region (Figure 1), outperforming commonly grown varieties.

Figure 1 Grain yield of Westcourt[®] across the northern region



Source NVT long term MET analysis durum trial series 2015-2019

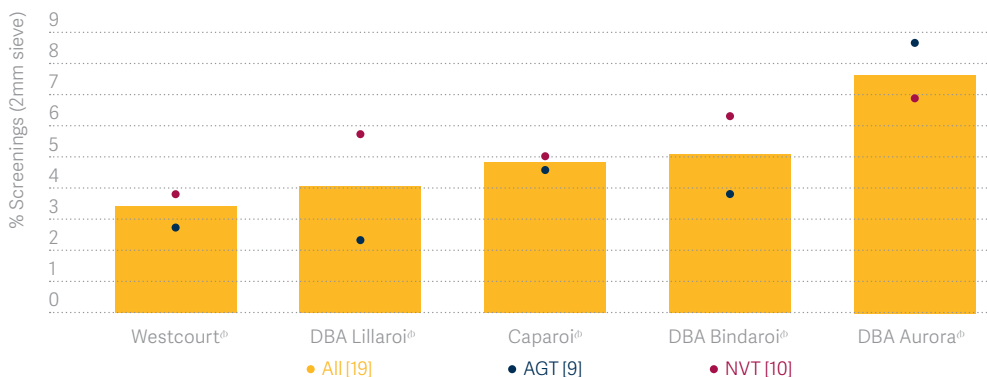
[] Total number of trials per region

() Number of trials that each variety was present in across the southern Queensland and northern NSW dataset [29]

Physical grain quality

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

Figure 2 Screenings of Westcourt[®] versus comparators



Source NVT durum trial series 2018/2019 (northern sites) & AGT durum trial series 2018/2019 (northern sites)
 [] Total number of trials in dataset

Disease resistance

The resistance of Westcourt[®] to most diseases is comparable to other commonly grown durum varieties in the northern region, however Westcourt[®] has shown superior stripe rust resistance than many other varieties.

Table 1 Variety comparisons

	Westcourt [®]	Caparoj [®]	DBA Auroraj [®]	DBA Bindaroj [®]	DBA Lillaroj [®]
Stem rust	RMR	RMR	RMR	MRMS	RMR
Stripe rust	MR	-	MRMS	MS	MS
Leaf rust	RMR	RMR	RMR	MR	RMR
Yellow leaf spot	MRMS	MR	MRMS	MRMS	MRMS
Crown rot	SVS*	VS	VS	SVS	SVS
RLN resistance (<i>P. thornei</i>)	MR	MR	RMR	MR	RMR
RLN tolerance (<i>P. thornei</i>)	MT	TMT	MT	MTMI	MT
RLN resistance (<i>P. neglectus</i>)	MS	MS	MRMS	MRMS	MRMS
Black point	MS	MSS	MSS	MRMS	MS

R Resistant
 MR Moderately Resistant
 MS Moderately Susceptible
 S Susceptible
 VS Very Susceptible

T Tolerant
 MT Moderately Tolerant
 MI Moderately Intolerant
 I Intolerant
 VI Very Intolerant

* Provisional ratings
 Source / NSW DPI Winter Cereal Sowing Guide 2020, NVT and AGT data



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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.