

Illabo[®]



- Dual purpose, winter wheat for grazing and grain production
- The highest yielding EGA Wedgetail[®] alternative available
- APH quality classification for the South Eastern Zone
- Mid winter maturity, 2-3 days quicker than EGA Wedgetail[®]
- Excellent resistance to stripe rust
- Good resistance to black point and stem rust

Breeder's comments

Mixed farming has traditionally had a strong presence in southern NSW. The mixture of cropping and livestock have benefited farmers, helping to improve profits while also assisting in risk management. Dual purpose wheats offer many benefits to farmers in a mixed enterprise, and EGA Wedgetail[®] has been the variety of choice for many seasons now.

Illabo[®] (tested as V09150-01) is the first variety to be released from our dedicated winter wheat breeding program at Wagga Wagga, and has been bred with the intent of offering growers an improved version of EGA Wedgetail[®]. The main improvement that Illabo[®] offers over EGA Wedgetail[®] is yield. In long term NVT early sown trials across southern NSW, Illabo[®] has outperformed EGA Wedgetail[®] by 6%; and 7% higher than another EGA Wedgetail[®] alternative, Kittyhawk[®]. This makes Illabo[®] the highest yielding dual purpose APH quality wheat variety for southern NSW. Illabo[®] also offers an improved disease resistance package over EGA Wedgetail[®], with better stripe rust and black point resistance.

Like its parent EGA Wedgetail[®], Illabo[®] requires a period of cold temperatures (vernalisation) before moving from vegetative to reproductive growth, and this maturity trigger allows Illabo[®] to be sown early in the cropping program with the aim of producing increased dry matter to fill early feed gaps.

To maximise grain only yield, Illabo[®] appears ideally suited to mid-late April sowing in high yield environments, and mid-April planting in low yield environments.

Seed Availability

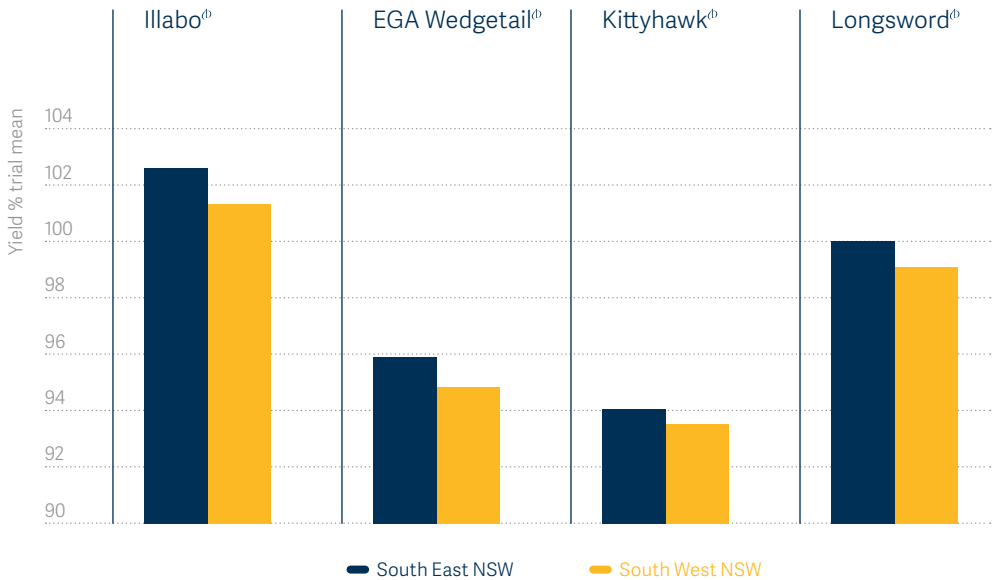
Commercial quantities of Illabo[®] may be available through AGT Affiliates, or your local retailer. Please consult the AGT website for AGT Affiliate contact details. Illabo[®] is able to be traded between growers upon the completion of a License Agreement as part of AGTs Seed Sharing™ initiative.

PBR and EPR

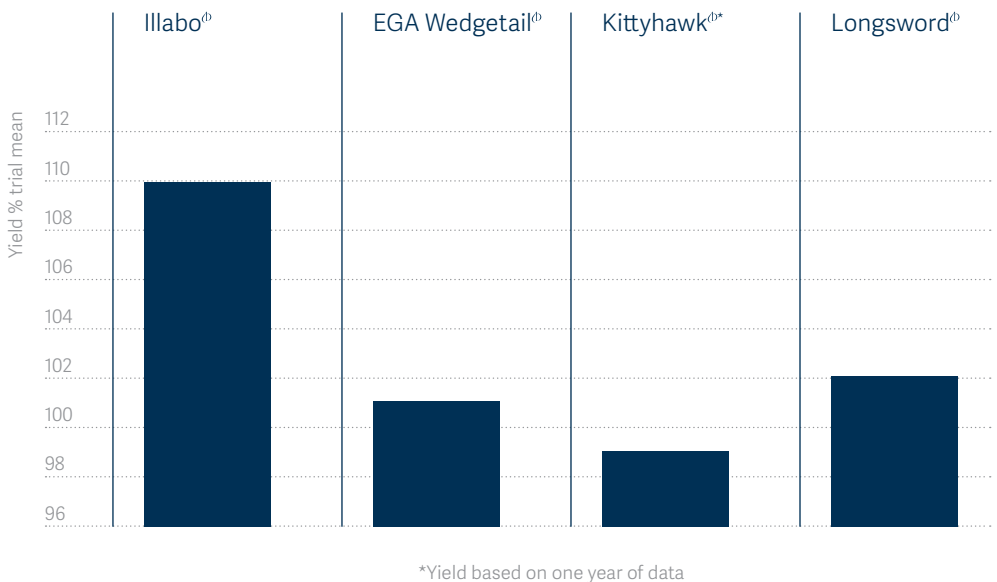
Illabo is protected by Plant Breeders Rights (PBR) and all production (except seed saved for planting) is liable to an End Point Royalty (EPR), which funds future plant breeding. Illabo[®] growers will be subject to a Growers License Agreement that acknowledges that an EPR of \$3.50/tonne + GST has to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



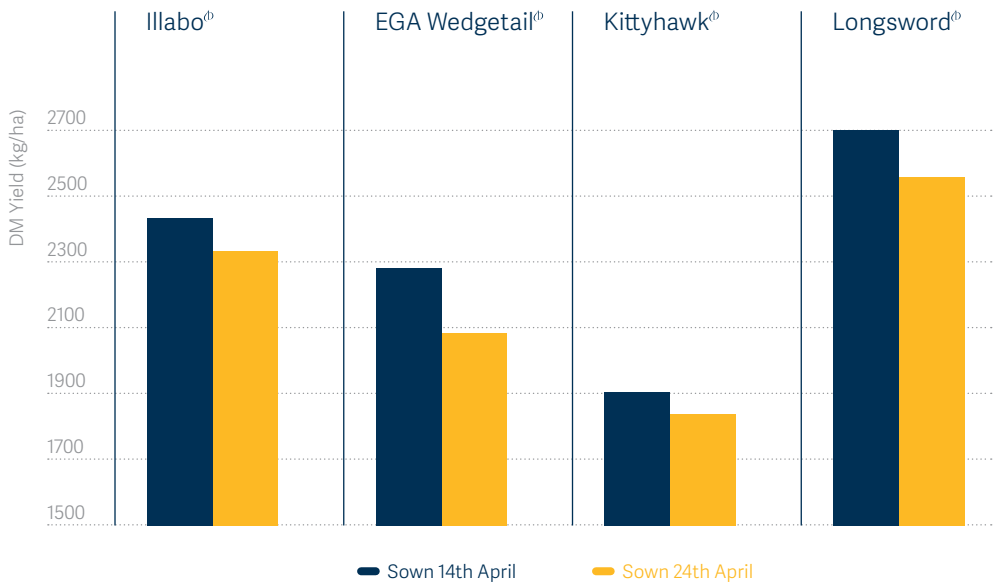
Predicted yield of Illabo[®] versus control varieties: Early sown NVT series
 Grain yield as % of region average (NVT long term MET analysis 2013-2017).



Predicted yield of Illabo[®] versus control varieties: AGT winter & long season wheat trial
 Grain yield as % of southern NSW average (AGT long term MET analysis 2013-2017).

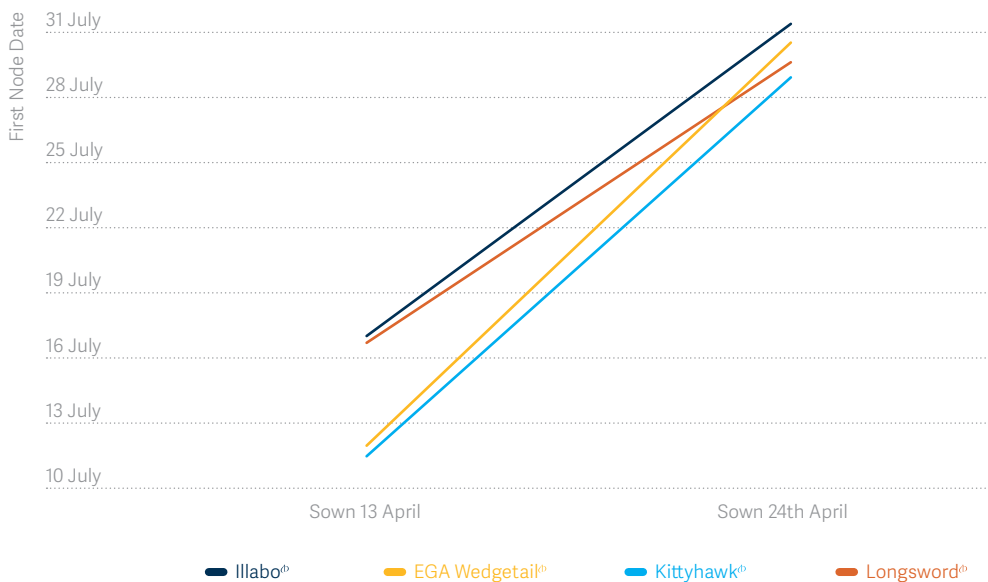


Dry matter (DM) production at end of safe grazing period (Z30) of Illabo[®] versus control varieties, in response to different sowing times. AGT data 2017, Kabinga Research Farm, Collingullie NSW.

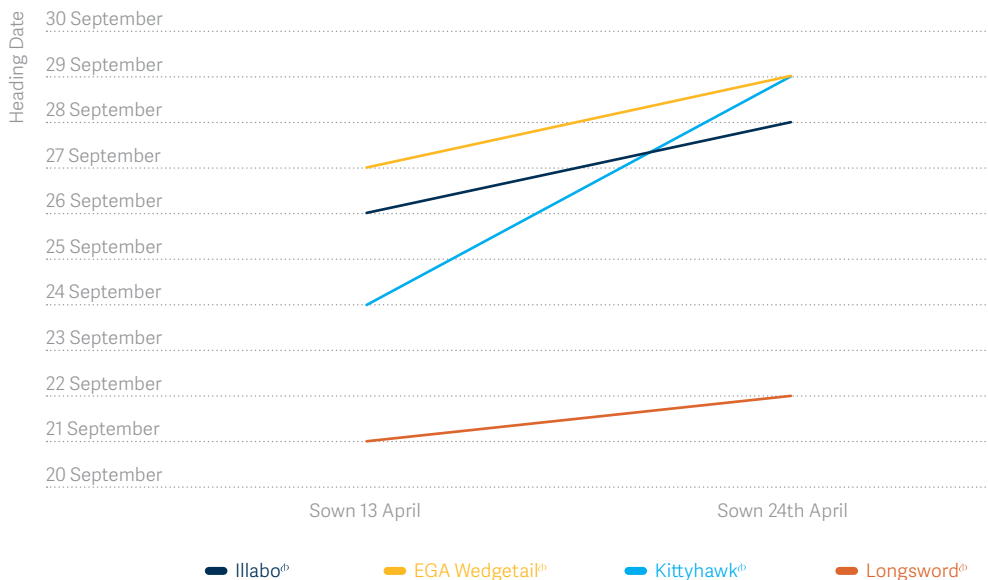


Grazing trial data collected from AGT's Kabinga Research farm at Collingullie showed that during the period from emergence to the appearance of the first node, Illabo[®] produced equivalent amounts of dry matter to that of EGA Wedgetail[®], and an extra 300 to 500 kg/ha of dry matter over Kittyhawk[®], depending on sowing date.

Date of detection of first node (end of safe grazing period) in response to sowing time in Illabo[®] and control varieties. AGT data 2017, Kabinga Research Farm, Collingullie NSW.



Heading date in response to sowing time in Illabo[®] and control varieties. AGT data 2017, Kabinga Research Farm, Collingullie NSW.



Disease, agronomic and grain quality ratings for Illabo[®] and control varieties.

	Illabo [®]	EGA Wedgetail [®]	Kittyhawk [®]	Longsword [®]
Quality Classification	APH	APH	APH	FEED
Maturity	Mid Winter	Mid Winter	Mid Winter	Fast Winter
Stem Rust	MRMS [#]	MRMS	MRMS [#]	MR
Stripe Rust	RMR [#]	MS	RMR	RMR
Leaf Rust	S [#]	MSS	MS	MSS
Yellow Leaf Spot	MS [#]	MSS	MRMS	MRMS
RLN <i>P. thornei</i> Tolerance	TMT [#]	MII	I	MT
RLN <i>P. neglectus</i> Tolerance	VI [#]	MII	MTMI	VI
Septoria Tritici Blotch	MSS [#]	MSS	MS	MSS
Crown Rot	MSS [#]	S	SVS	S [#]
Acid Soils	MT [#]	TMT	MTMI	MT
Plant Height	Short	Med	Med	Med
Lodging	MR	MR	MR	MR [#]
Black Point	MRMS [#]	MS	MRMS	MS
Screenings Risk	Mod	Mod	—	Low
Test Weight	Low	Low	—	High

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,
 to be used with caution

Source / NSW DPI Winter Crop
 Variety Sowing Guide 2018,
 NVT and AGT data.



James Whiteley, Marketing Manager, Southern NSW

0419 840 589

Britt Kalmeier, Wheat Breeder

0408 442 005

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.