

2024  
Northern NSW/QLD  
Field Crop Variety Guide



# Variety Quick Guide

## Northern NSW/QLD

	Crop Type	Variety	Quality Classification	Planting Window			Herbicide Tolerance	More information
				Early	Main	Late		
Page 6	Wheat	Coota <sup>Ⓟ</sup>	APH	✓	✓		-	Page 8
		Leverage <sup>Ⓟ</sup> <b>New</b>	APH	✓	✓		-	Page 10
		Sunblade CL Plus <sup>Ⓟ</sup>	APH		✓		Clearfield® (Intervix®)	Page 12
		Suncentral <sup>Ⓟ</sup>	APH		✓	✓	-	Page 14
		Sunchaser <sup>Ⓟ</sup>	APH		✓	✓	-	Page 16
		Sundancer <sup>Ⓟ</sup> <b>New</b>	APH	✓	✓		-	Page 18
		Sunflex <sup>Ⓟ</sup>	APH	✓			-	Page 20
		Sunmaster <sup>Ⓟ</sup>	APH		✓		-	Page 22
		Sunmax <sup>Ⓟ</sup>	APH	✓			-	Page 24
		SUN1081A <b>New</b>	APH	✓	✓		-	Page 26
Page 31	Durum	Westcourt <sup>Ⓟ</sup>	ADR		✓	✓	-	Page 32
Page 35	Barley	Beast <sup>Ⓟ</sup>	Feed*		✓	✓	-	Page 36
		Titan AX <sup>Ⓟ</sup>	Feed*		✓		CoAxium® (Aggressor®)	Page 38
		Yeti <sup>Ⓟ</sup>	Feed*		✓	✓	-	Page 40
Page 45	Canola	Bandit TT <sup>Ⓟ</sup>	CAN		✓	✓	Triazine	Page 46
		Outlaw <sup>Ⓟ</sup>	CAN		✓	✓	-	Page 48
		Renegade TT <sup>Ⓟ</sup>	CAN		✓	✓	Triazine	Page 50

\*Under malt evaluation



# Thank you!

## For paying End Point Royalties.

Your honest declaration of varieties at point of sale allows us to continue developing improved field crop varieties for you to grow.

- › EPRs are payable on all AGT varieties
- › Most bulk grain buyers automatically deduct EPR's and pay this money back to the breeder on your behalf – correct variety declaration matters!
- › EPRs are the only way that AGT generates income to continue breeding

Your EPR's have allowed AGT to grow over our 20 year history. From our beginnings as a small wheat breeding company, EPRs have enabled us to better serve you by:



› Building a world-class breeding facility at Roseworthy, SA



› Purchasing secure irrigated land at Wagga Wagga and Narrabri, NSW, for breeding trial & seed production work



› Developing a breeding centre in Northam, WA, dedicated to servicing Western Australian growers



› Expanding into breeding other field crop types which now include durum, barley, lupin and canola in addition to spring and winter wheat



› Increasing rates of genetic gain with the use of state-of-the-art greenhouses and controlled environment rooms



› Investing in the latest plant breeding technologies including machine learning, robotics, DNA based selection, and advanced data management and analysis



› Building Australia's first in-house tech support team that is fully integrated with the breeding programmes



› Developing high-tech quality laboratories for wheat, barley, durum, canola and lupins to make sure the varieties you grow meet end-use requirements



### PBR, EPR and Seed Availability

Variety	EPR rate per tonne (incl. GST)
Coota <sup>®</sup> wheat	\$3.60
Leverage <sup>®</sup> wheat	\$4.00
SUN1081A wheat	\$4.00
Sunblade CL Plus <sup>®</sup> wheat	\$4.35
Suncentral <sup>®</sup> wheat	\$3.60
Sunchaser <sup>®</sup> wheat	\$3.50
Sundancer <sup>®</sup> wheat	\$4.00
Sunflex <sup>®</sup> wheat	\$3.60
Sunmaster <sup>®</sup> wheat	\$3.60
Sunmax <sup>®</sup> wheat	\$3.50
Westcourt <sup>®</sup> durum	\$3.50
Beast <sup>®</sup> barley	\$4.00
Titan AX <sup>®</sup> barley	\$4.55
Yeti <sup>®</sup> barley	\$4.00
Bandit TT <sup>®</sup> canola	\$10.00
Outlaw <sup>®</sup> canola	\$10.00
Renegade TT <sup>®</sup> canola	\$10.00

Varieties denoted by the (®) symbol are 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.

Growers of PBR protected varieties will be subject to a Growers License Agreement that acknowledges that an EPR must be paid on all production other than seed saved for planting.

Commercial quantities of AGT varieties may be available through AGT Affiliates, or your local retailer.

AGT varieties can be traded between growers upon the completion of a License Agreement as part of AGT's Seed Sharing™ initiative.



# Wheat

## Main season comparisons

	Sunblade CL Plus <sup>o</sup>	Suncentral <sup>o</sup>	Sunchaser <sup>o</sup>	Sunmaster <sup>o</sup>	Suntop <sup>o</sup>	LRPB Reliant <sup>o</sup>	LRPB Hellfire <sup>o</sup>	LRPB Mustang <sup>o</sup>
Quality Classification	APH	APH	APH	APH	APH	APH	APH	APH
Maturity	Mid	Quick-mid	Quick-mid	Mid	Mid	Mid	Quick-mid	Quick-mid
Stem Rust	MS	MRMS	MR	MS	MRMS	R	MR	MRMS
Stripe Rust	MRMS	MSS	RMR	MRMS	MRMS	MR	MRMS	MR
Leaf Rust	MSS	RMR	R	RMR#	MR	RMR	MSS	MSS
Yellow Leaf Spot	MSS	MSS	MS	MSS	MSS	S	MSS	MSS
Septoria tritici Blotch	S	S	MSS	S	MSS	MSS	S	S
Crown Rot	S	MSS	MSS	S	MSS	MS	MSS	MSS
RLN ( <i>P. thornei</i> ) tolerance	MT	MT	MT	TMT	TMT	TMT	MI	MTMI

## Early sowing comparisons

	Coota <sup>o</sup>	Leverage <sup>o</sup>	SUN1081A	Sundancer <sup>o</sup>	Sunflex <sup>o</sup>	Sunmax <sup>o</sup>	LRPB Lancer <sup>o</sup>	Coolah <sup>o</sup>	EGA Gregory <sup>o</sup>
Quality Classification	APH	APH	APH	APH	APH	APH	APH	APH	APH
Maturity	Mid-slow	Mid-slow	Mid-slow	Mid-slow	Slow	Slow-very slow	Mid-slow	Mid-slow	Mid-slow
Stem Rust	RMR	MR*	MR*	MR*	MR	MRMS	R	MR	MR
Stripe Rust	S	MRMS*	MR	MR*	MRMS	RMR	RMR	MSS	MS
Leaf Rust	MR	RMR*	MR*	RMR*	RMR/S	MS	RMR	RMR	RMR#
Yellow Leaf Spot	MSS	MRMS*	MSS*	MS*	MS	MSS	MS	MSS	S
Septoria tritici Blotch	S	S*	S*	S*	SVS	MSS	MS	MSS	MSS
Crown Rot	MSS	NA	NA	NA	MSS	MSS	MSS	MSS	S
RLN ( <i>P. thornei</i> ) tolerance	MTMI	NA	NA	NA	MI	MI	TMT	MT	MT

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

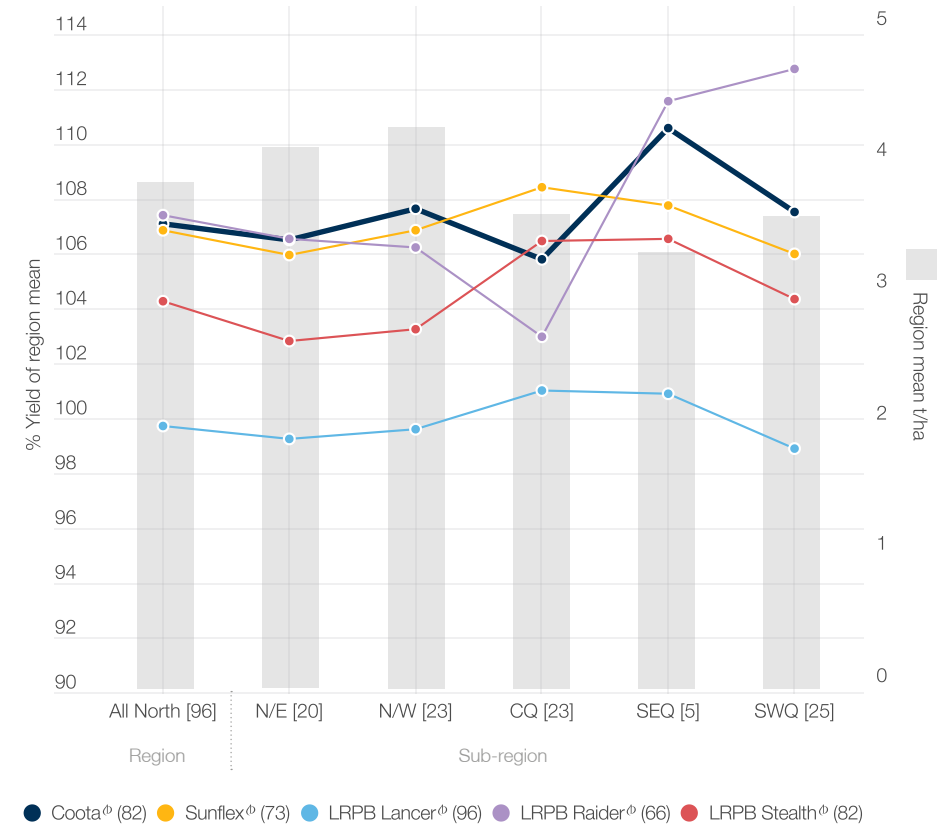
T Tolerant  
 MT Moderately Tolerant  
 MI Moderately Intolerant  
 I Intolerant  
 VI Very Intolerant

\* Provisional rating  
 # May be more susceptible to alternative pathotypes  
 Source: NVT consensus ratings 2022 and AGT



- An elite yielding APH variety in early sown trials
- Mid-slow spring wheat, best suited to end of April-beginning of May planting
- APH quality classification with low screenings and high test weights
- Excellent lodging resistance
- Alternative to LRPB Lancer<sup>®</sup> & LRPB Stealth<sup>®</sup> and other earlier sowing options
- High relative yield in the presence of crown rot

Predicted grain yield of Coota<sup>®</sup> versus comparators

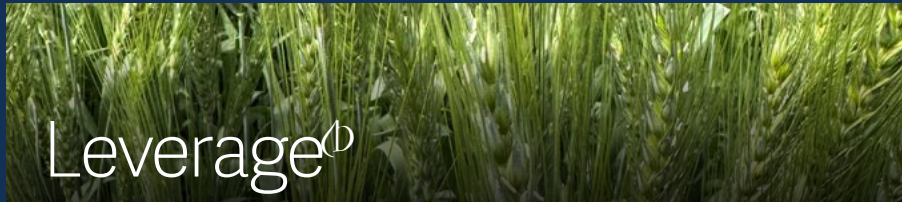


Source: NVT long term MET analysis, early sown trial series 2018-2022  
 [ ] Total number of trials per region  
 ( ) Number of trials that each variety was present in across the northern NSW and QLD dataset [96]

More information

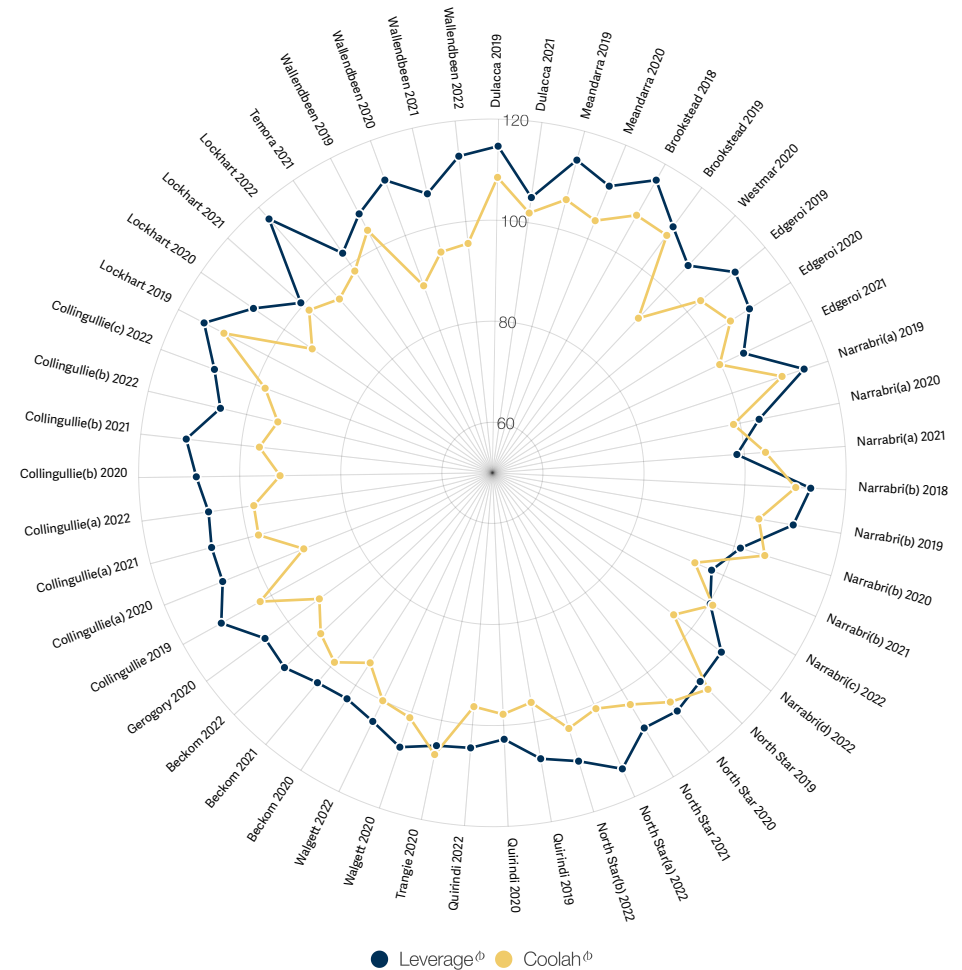






- Replacement for EGA Gregory<sup>Ⓟ</sup>, Coolah<sup>Ⓟ</sup> and LRPB Flanker<sup>Ⓟ</sup>
- Very high yielding in the early planting window
- APH quality classification
- Good resistance to major diseases
- Mid-slow maturity, suited to late April/early May plantings
- Good yellow leaf spot resistance
- Good physical grain quality characteristics
- Shorter plant type than other “EGA Gregory<sup>Ⓟ</sup>” type varieties

Grain yield comparison between Leverage<sup>Ⓟ</sup> and Coolah<sup>Ⓟ</sup>  
- AGT individual site analysis



Source: AGT individual site analysis, 51 sites in NSW and Queensland from 2018 to 2022

More information

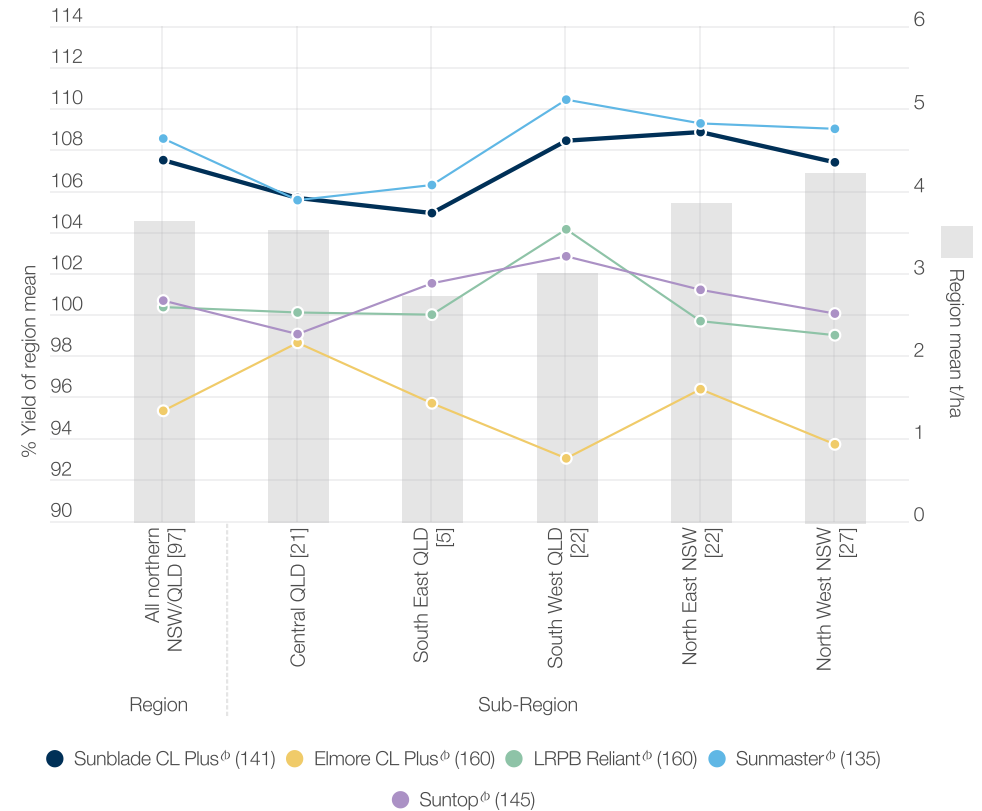




# Sunblade CL Plus <sup>®</sup>

- Australia's first and only APH quality Clearfield<sup>®</sup> variety
- Elite grain yield
- Tolerant to Clearfield<sup>®</sup> Intervix<sup>®</sup> herbicide
- Derived from Suntop<sup>®</sup>, with similar maturity
- Good levels of RLN (*P. thornei*) tolerance
- Alternative to Elmore CL Plus<sup>®</sup> wheat, or Clearfield<sup>®</sup> barley varieties
- Excellent plant-back option for managing imidazolinone residues

Predicted grain yield of Sunblade CL Plus<sup>®</sup> versus comparators



Source / NVT long term MET analysis, main season trial series 2018-2022  
 [ ] Total number of trials per region  
 ( ) Number of trials that each variety was present in across the NSW and QLD dataset [160]



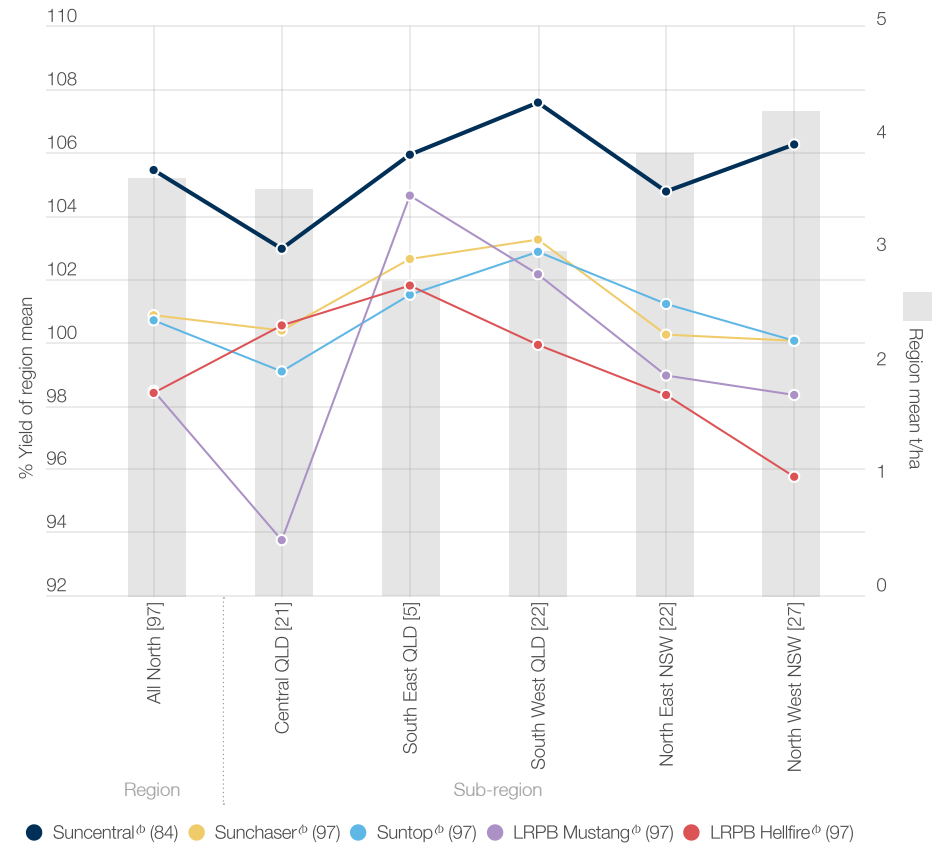
More information





- An ideal variety for those requiring a quicker maturity
- Exceptional yield performance
- High yield in the presence of crown rot
- Quick-mid maturity, suitable for main season or delayed plantings
- APH quality classification
- Improvement in grain size over Suntop<sup>®</sup>

Predicted grain yield of Suncentral<sup>®</sup> versus APH comparators

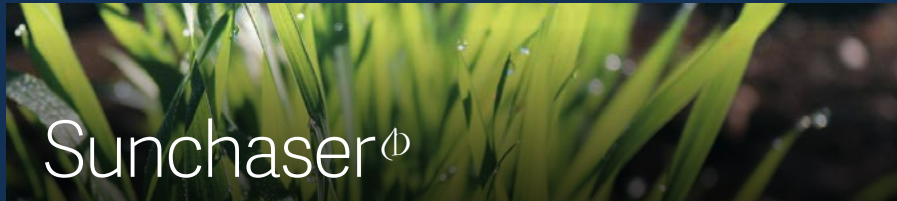


Source: NVT long term MET analysis, main season trial series 2018-2022  
 [ ] Total number of trials per region  
 ( ) Number of trials that each variety was present in across the northern NSW and QLD dataset [97]

More information

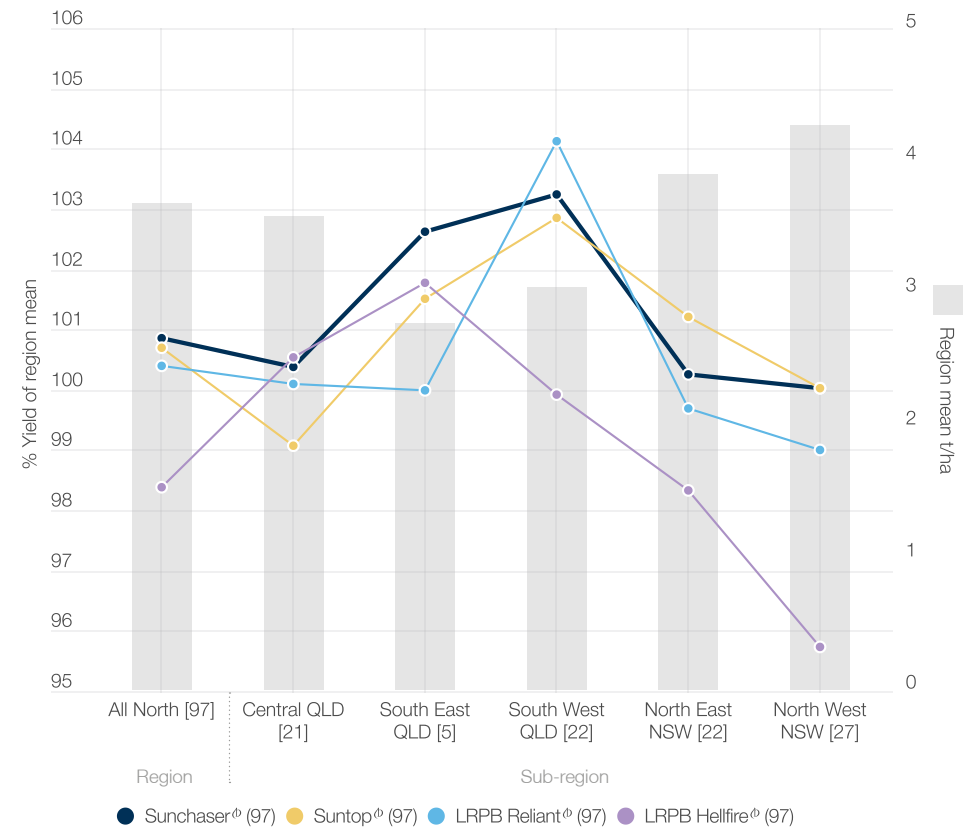






- A lower risk alternative to Suntop<sup>ϕ</sup>, LRPB Reliant<sup>ϕ</sup> and LRPB Hellfire<sup>ϕ</sup>
- Excellent grain size, with reduced levels of screenings
- APH quality classification
- Suited to the main season planting window
- Slightly quicker maturity than Suntop<sup>ϕ</sup> and LRPB Reliant<sup>ϕ</sup>
- Longest coleoptile available in APH main season varieties

Predicted grain yield of Sunchaser<sup>ϕ</sup> versus comparators



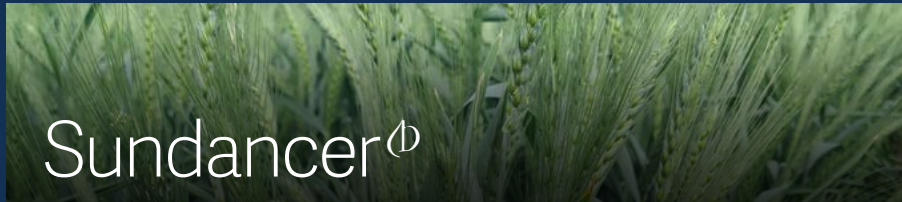
Source: NVT long term MET analysis, main season trial series 2018-2022

[ ] Total number of trials per region

( ) Number of trials that each variety was present in across the SA/VIC dataset [179]

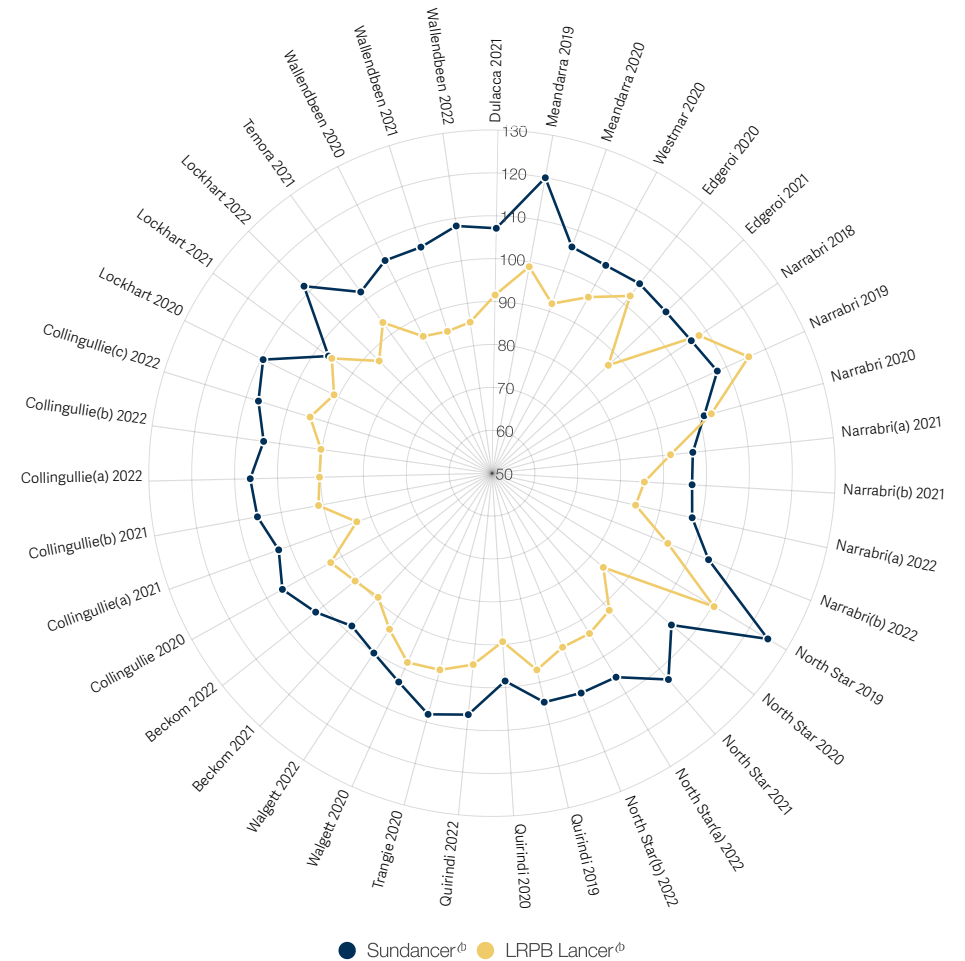
More information





- An ideal replacement for LRPB Lancer<sup>®</sup>
- Very high yielding, with excellent yield stability
- Suits late April/early May plantings
- Excellent rust resistance
- Medium-short plant type with better straw strength than LRPB Lancer<sup>®</sup>
- Longer coleoptile than LRPB Lancer<sup>®</sup> and other early season varieties
- APH quality classification for the Northern Zone
- Quality classification for the South Eastern Zone in October 2023

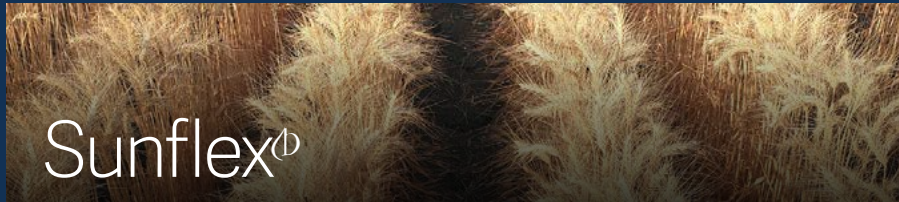
Grain yield comparison between Sundancer<sup>®</sup> and LRPB Lancer<sup>®</sup>  
- AGT individual site analysis



Source: AGT individual site analysis, 39 sites in NSW and Queensland from 2018 to 2022

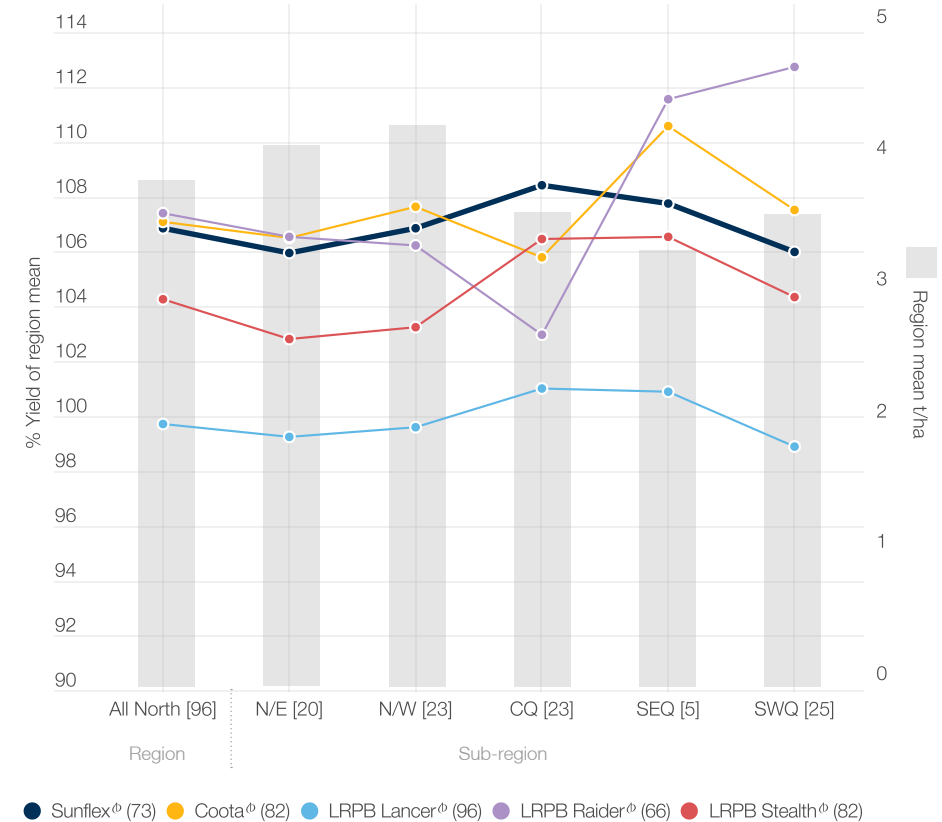
More information





- High yielding, particularly in high yield environments
- Slow maturity, genuinely suits mid-late April planting window
- Consistently large grain size with low screenings
- Moderately long coleoptile compared to other early season varieties
- Similar plant height to LRPB Lancer<sup>®</sup>
- APH quality classification in northern NSW/QLD

Predicted grain yield of Sunflex<sup>®</sup> versus comparators



Source: NVT long term MET analysis, early sown trial series 2018-2022  
 [ ] Total number of trials per region  
 ( ) Number of trials that each variety was present in across the northern NSW and QLD dataset [96]

More information



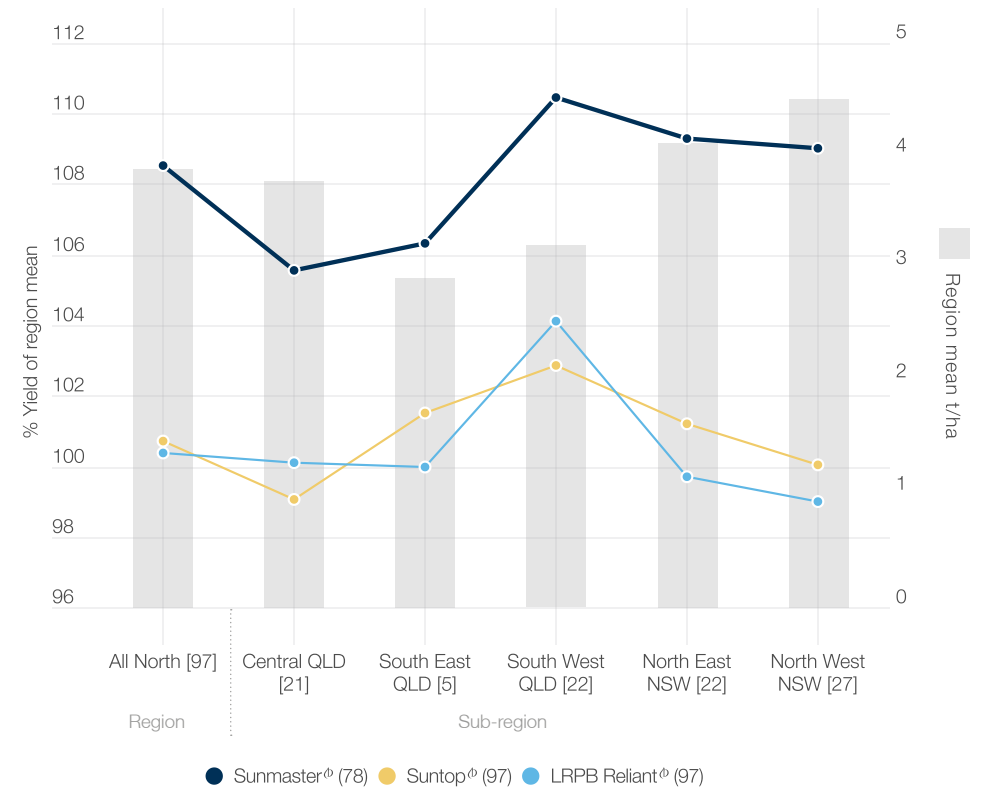




# Sunmaster<sup>®</sup>

- Offering a significant yield jump over established varieties in the northern region
- APH quality classification
- Similar maturity & planting window as Suntop<sup>®</sup>
- Shorter plant type than Suntop<sup>®</sup> and LRPB Reliant<sup>®</sup>, with good lodging tolerance
- Good tolerance to RLN (*P. thornei*)
- Maintains high yield in the presence of crown rot

Predicted grain yield of Sunmaster<sup>®</sup> versus comparators



Source: NVT long term MET analysis, main season trial series 2018-2022

[ ] Total number of trials per region

( ) Number of trials that each variety was present in across the northern NSW and QLD dataset [97]

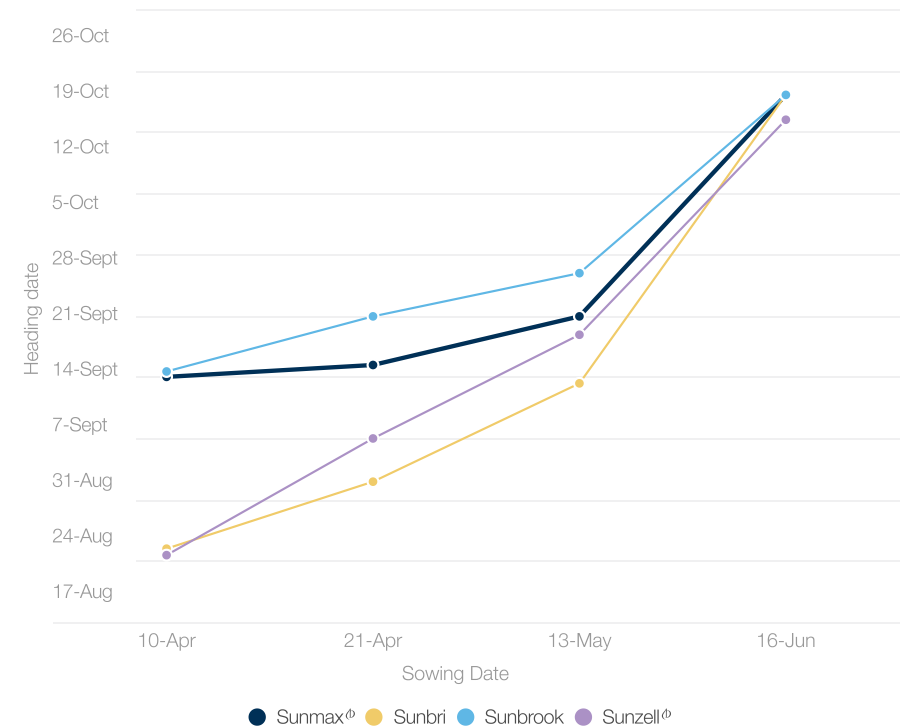
More information





- Slow-very slow maturity, best suited to mid-April plantings
- APH quality classification
- Good stem and stripe rust resistance
- High test weights
- Suited to northern NSW and southern Queensland

Heading date of Sunmax<sup>®</sup> in response to planting time



Source: AGT time of sowing trial, Narrabri 2016

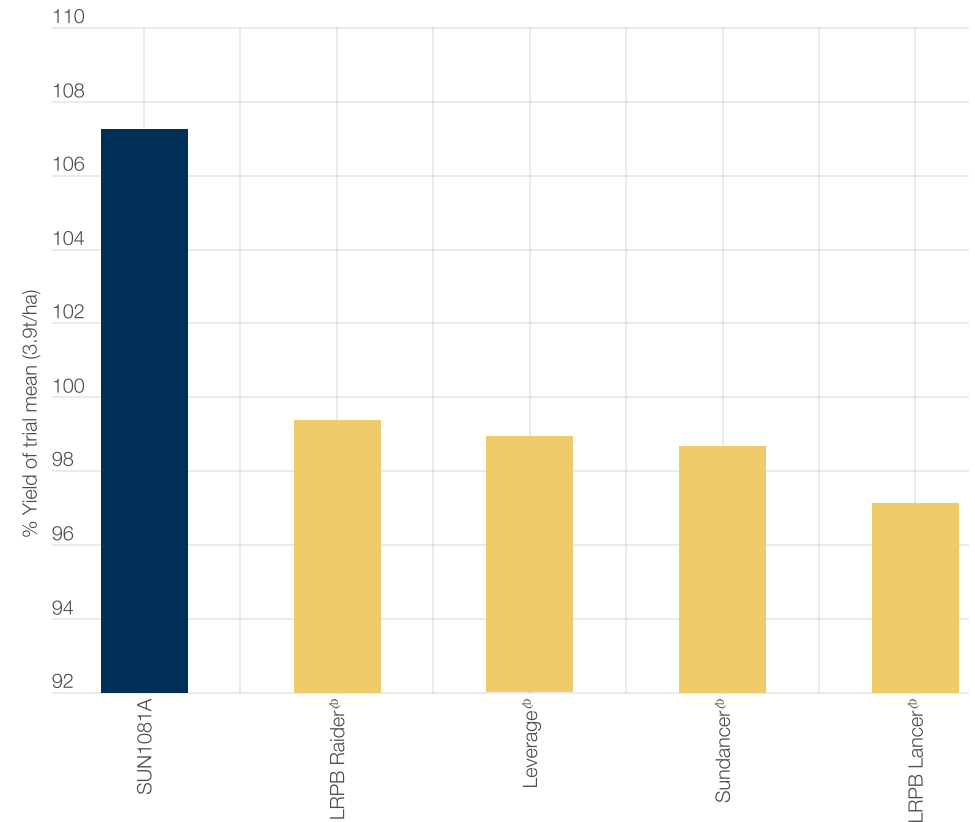
More information





- High yields relative to other varieties in moisture stressed situations or in the presence of crown rot
- Good stem, stripe and leaf rust resistance
- Good physical grain quality package, with low screenings and high test weights
- Mid-slow maturity, maintains yield potential when sown later
- APH quality classification
- To be named in early 2024, seed available for 2024 planting

Grain yield of SUN1081A versus comparators in the presence of Crown Rot



Source: AGT Crown Rot yield trials, Narrabri NSW 2019, 2020, 2021, 2023.

More information





# Significant yield improvements offered by new AGT wheat varieties

The varieties Sundancer<sup>®</sup> and Leverage<sup>®</sup> were unveiled at the annual Narrabri Field Day held at the University of Sydney Plant Breeding Institute on September 19th, with both raising the bar in yield performance.

Both are mid-late maturing, suited to late April-early May planting, with Sundancer<sup>®</sup> viewed as a direct LRPB Lancer<sup>®</sup> replacement, while Leverage<sup>®</sup> is a successor to all 'EGA Gregory' type varieties.

AGT wheat breeder Meiqin Lu regards the launch of Sundancer<sup>®</sup> as a huge breeding success, with the variety standing out from the pack very early in her breeding program.

"We identified Sundancer<sup>®</sup>'s potential very quickly, yield potential stood out from the beginning" she said.

"Maintaining a high level of stripe rust resistance was very important when developing a LRPB Lancer<sup>®</sup> replacement, whilst increasing straw strength and yield. We have achieved this with Sundancer<sup>®</sup>, along with an APH quality classification".

"With a summer seed increase, we were able to bring it to release only eight years after the cross was made. Being able to shorten the breeding cycle means that we can better address current disease pathotypes and better meet the needs of growers in our region.



**Dr Meiqin Lu presented Sundancer<sup>®</sup> wheat to the crowd at the Narrabri field day.**

AGT northern NSW & Queensland Variety Support Manager, Douglas Lush, sees Sundancer<sup>®</sup> as a variety that is perfectly suited to NSW and Queensland.

"Sundancer<sup>®</sup> is set to challenge the dominance of LRPB Lancer<sup>®</sup>, which has been a reliable variety for some time now. However, LRPB Lancer<sup>®</sup> is now outclassed for grain yield".

"The yield jump that Sundancer<sup>®</sup> offers is significant. In the early season 2022 NVT results, with a trial average yield of 5.4 tonne per hectare, Sundancer<sup>®</sup> delivered over 15% more grain yield than LRPB Lancer<sup>®</sup> across NSW and Queensland.



**AGT's Narrabri team at the launch of Sundancer<sup>®</sup> and Leverage<sup>®</sup> wheat varieties.**

"We've observed this yield advantage over the longer term too. In five years of AGT yield trials across a range of locations in NSW and Queensland, Sundancer<sup>®</sup> beat LRPB Lancer<sup>®</sup> in 36 out of the 39 trials analysed, with an average of 13% yield improvement.

Meiqin Lu also sees an important place on farm for Leverage<sup>®</sup>, released to offer a significant improvement in yield over EGA Gregory<sup>®</sup>, LRPB Flanker<sup>®</sup> and Coolah<sup>®</sup>.

"Aiming to develop an improved 'Gregory' type, we carried out hard selection on our germplasm to reduce plant height, increase lodging resistance, and improve yields, whilst maintaining sound physical grain quality characteristics with an APH classification. We believe we achieved our goal with Leverage<sup>®</sup>".

Douglas Lush added "Leverage<sup>®</sup> has been dominant in its yield performance, beating 'Gregory' type varieties in the early planting window by more than 10%, across AGT long term breeding trials and the 2022 NVT trials".

"Leverage<sup>®</sup> also holds good resistance to yellow leaf spot, which is an uncommon rating for varieties that are well adapted to NSW and Queensland".



**Douglas Lush took the microphone to answer grower's questions at the launch of Leverage<sup>®</sup> and Sundancer<sup>®</sup> wheat.**



# Durum

## Variety comparisons

	Westcourt <sup>®</sup>	Caparoi <sup>®</sup>	DBA Bindaroi <sup>®</sup>	DBA Lillaroi <sup>®</sup>	DBA Mataroi <sup>®</sup>	DBA Vittaroi <sup>®</sup>
Stem Rust	RMR	MR	MR	RMR	MR	MR
Stripe Rust	MR	MS	MS	MS	MS	MS
Leaf Rust	RMR	RMR	MR	RMR	MR	RMR
Yellow Leaf Spot	MRMS	MR	MRMS	MRMS	MRMS	MRMS
Crown Rot	VS	VS	SVS	SVS	SVS	SVS
Black Point	MSS	MSS	MRMS	MS	MS	MSS
RLN resistance ( <i>P. thornei</i> )	MR	MR	MR	RMR	RMR	MR
RLN tolerance ( <i>P. thornei</i> )	MT	MT	MTMI	MT	MI	MI
RLN resistance ( <i>P. neglectus</i> )	MS	MS	MRMS	MRMS	MS	MS
RLN tolerance ( <i>P. neglectus</i> )	MI	MI	MI	MI	MT	I

R Resistant  
 MR Moderately Resistant  
 MS Moderately Susceptible  
 S Susceptible

VS Very Susceptible  
 T Tolerant  
 MT Moderately Tolerant  
 MI Moderately Intolerant

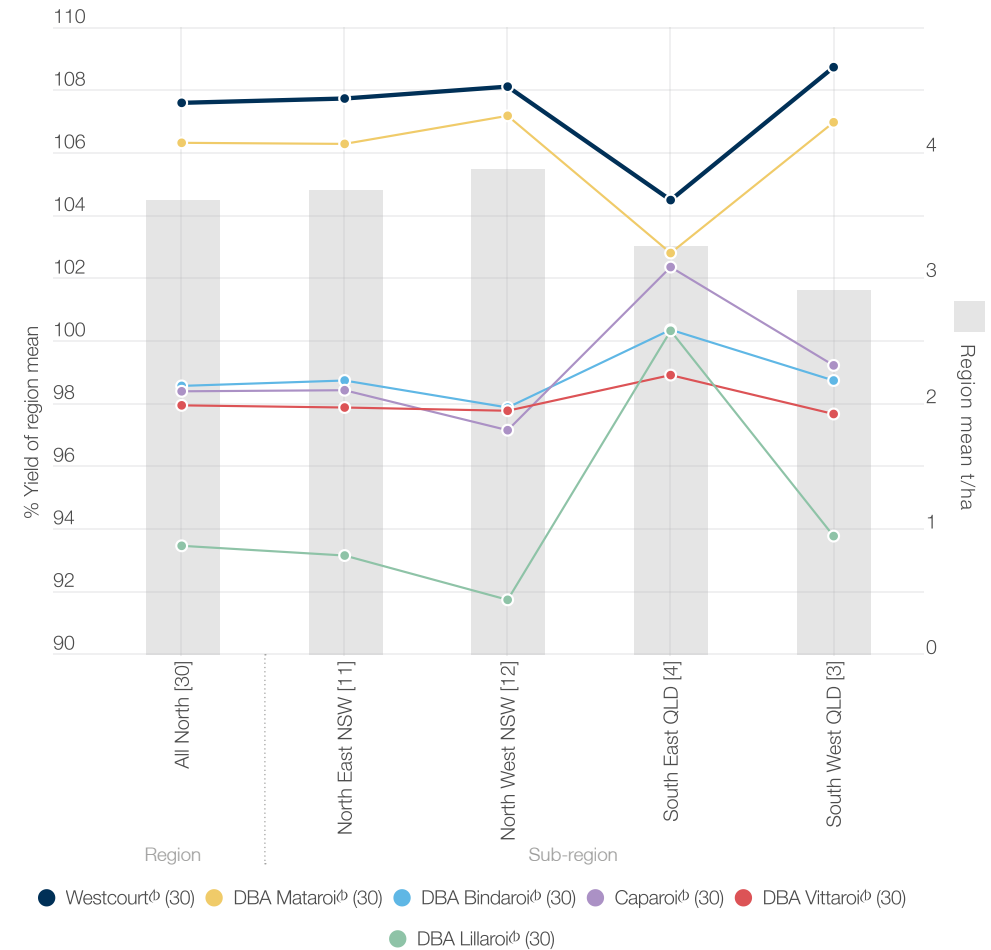
I Intolerant  
 VI Very Intolerant  
 Source: NVT consensus ratings  
 2022 and AGT data





- Very high yield in the northern region, outperforming leading variety DBA Lillaroi<sup>®</sup>
- Excellent grain quality, with ADR quality classification
- Mid-season maturity, similar to Caparoi<sup>®</sup> and DBA Bindaroi<sup>®</sup>
- Very good physical grain characteristics with low screenings
- Excellent disease resistance package, including an MR rating to stripe rust

Predicted grain yield of Westcourt<sup>®</sup> across the northern region



Source: NVT long term MET analysis, durum trial series 2018-2022

[ ] Total number of trials per region

More information





# Barley

## Plant characteristic comparisons

	Beast <sup>®</sup>	Titan AX <sup>®</sup>	Yeti <sup>®</sup>
Malt Classification	Potential Malt	Potential Malt	Potential Malt
Herbicide Tolerance	-	CoAXium <sup>®</sup> (Aggressor <sup>®</sup> )	-
Plant Height	Tall	Tall	Intermediate
Early Vigour	Good	Good	Good
Early Plant Growth Habit	Semi-erect	Semi-erect	Semi-erect
Lodging Tolerance	Medium to Weak	Medium to Weak	Medium
Brackling Tolerance	Medium	Medium	Medium
Sprouting Tolerance	Good	Good	Good
Coleoptile Length	Medium Long	Medium Long	Medium Long
Rachilla Hair	Long	Long	Long
Head Loss Tolerance	Medium to Weak	Medium to Weak	Medium

## Variety comparisons

		Spot Form of Net Blotch	Net Form of Net Blotch	Scald	Leaf Rust	Powdery Mildew
NSW	Beast <sup>®</sup>	MS	MSS	SVS	MSS	S
	Titan AX <sup>®</sup>	MSS	MS	SVS	S	MS
	Yeti <sup>®</sup>	MRMS	MS	VS	S	MSS
	Compass <sup>®</sup>	MS	MSS	S	S	MSS
	La Trobe <sup>®</sup>	S	MRMS	SVS	MS	MSS
	Maximus CL <sup>®</sup>	MS	MRMS	S	MSS	MS
	RGT Planet <sup>®</sup>	SVS	MSS	MSS	MR	RMR
	Spartacus CL <sup>®</sup>	S	MSS	SVS	MRMS	MSS
QLD	Beast <sup>®</sup>	MS	MRMS	NA	S	S
	Titan AX <sup>®</sup>	MRMS	MRMS	NA	S	MS
	Yeti <sup>®</sup>	MR	MS	NA	S	MSS
	Compass <sup>®</sup>	MS	MS	NA	VS	MSS
	La Trobe <sup>®</sup>	S	MS	NA	S	MSS
	Maximus CL <sup>®</sup>	MRMS	MRMS	NA	S	MS
	RGT Planet <sup>®</sup>	S	MRMS-S	NA	MS	RMR
	Spartacus CL <sup>®</sup>	S	MS	NA	MSS	MSS

R Resistant  
 MR Moderately Resistant  
 MS Moderately Susceptible  
 S Susceptible  
 VS Very Susceptible  
 NA Not Available

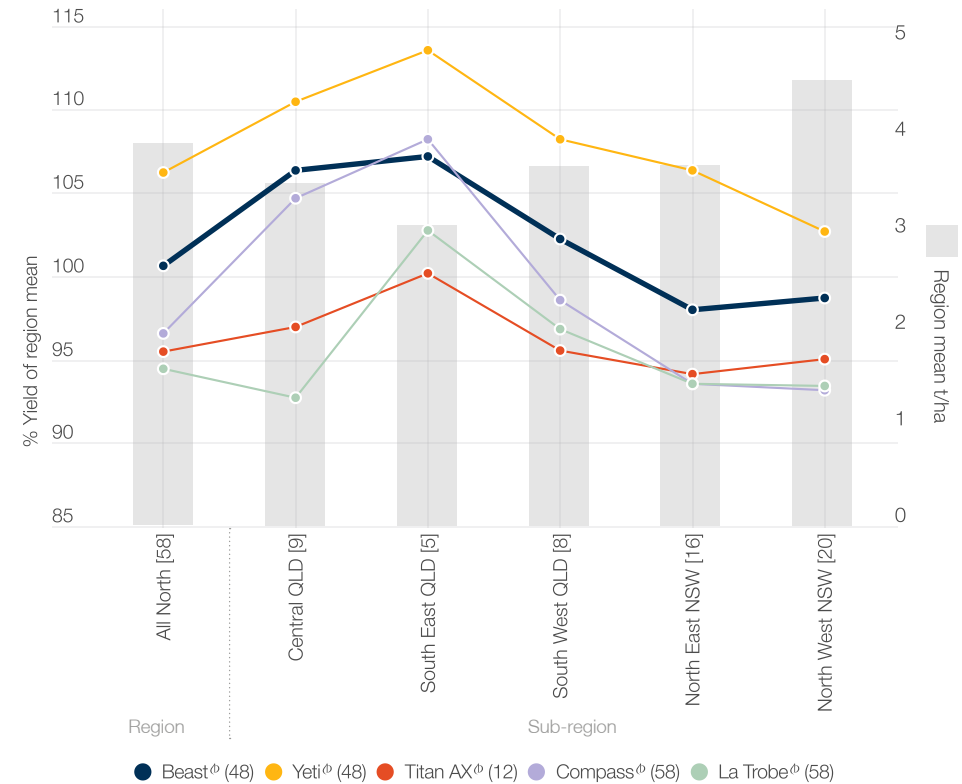
A range of reactions is provided (separated with -) where different strains of the pathogen exist and where the variety may respond differently to them.

Source: NVT consensus ratings 2022



- Very high yielding in low-medium rainfall environments
- Quick maturity, quicker than Compass<sup>ϕ</sup>
- Excellent performance in stressed, tight finishing environments and seasons
- Compass<sup>ϕ</sup> plant type, with similar early vigour
- Competitive physical grain quality package, with test weight comparable to most commonly grown varieties and excellent grain size resulting in high retentions
- Has entered the Grains Australia malt accreditation program but is currently deliverable

Predicted grain yield of Beast<sup>ϕ</sup> versus comparators



Source: NVT long term MET analysis yield prediction 2018-2022  
 [ ] Total number of trials per region  
 ( ) Number of trials that each variety was present in across the Northern dataset [58]

More information

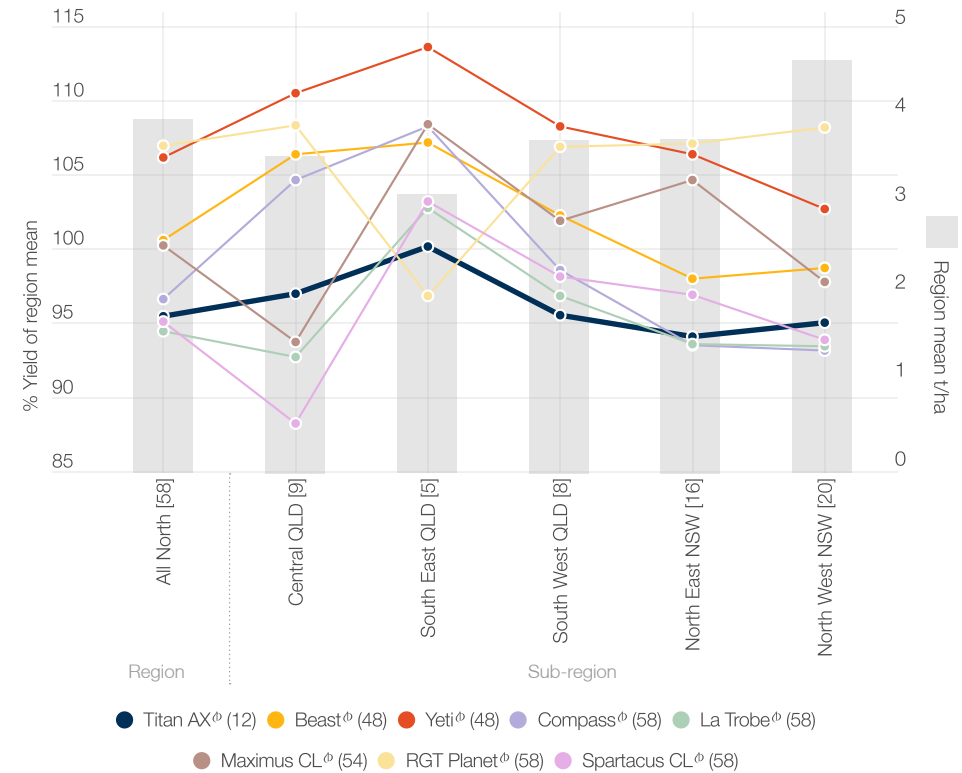




# Titan AX<sup>ϕ</sup>

- The world's first CoAXium<sup>®</sup> barley variety
- Tolerant to Aggressor<sup>®</sup> (Group 1) herbicide
- Derived from popular variety Compass<sup>ϕ</sup>
- Mid season maturity, slightly later than Compass<sup>ϕ</sup>, similar to RGT Planet<sup>ϕ</sup>
- Wide adaptation but particularly suited to low-medium rainfall or Mallee type environments
- Agronomically very similar to Compass<sup>ϕ</sup>
- Has entered the Grains Australia malt accreditation program but is currently deliverable as Barley/Feed

Predicted grain yield of Titan AX<sup>ϕ</sup> versus comparators



Source: NVT long term MET analysis yield prediction 2018-2022

[ ] Total number of trials per region

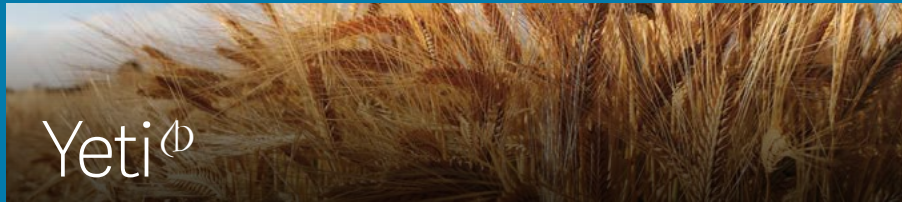
( ) Number of trials that each variety was present in across the Northern dataset [58]



More information

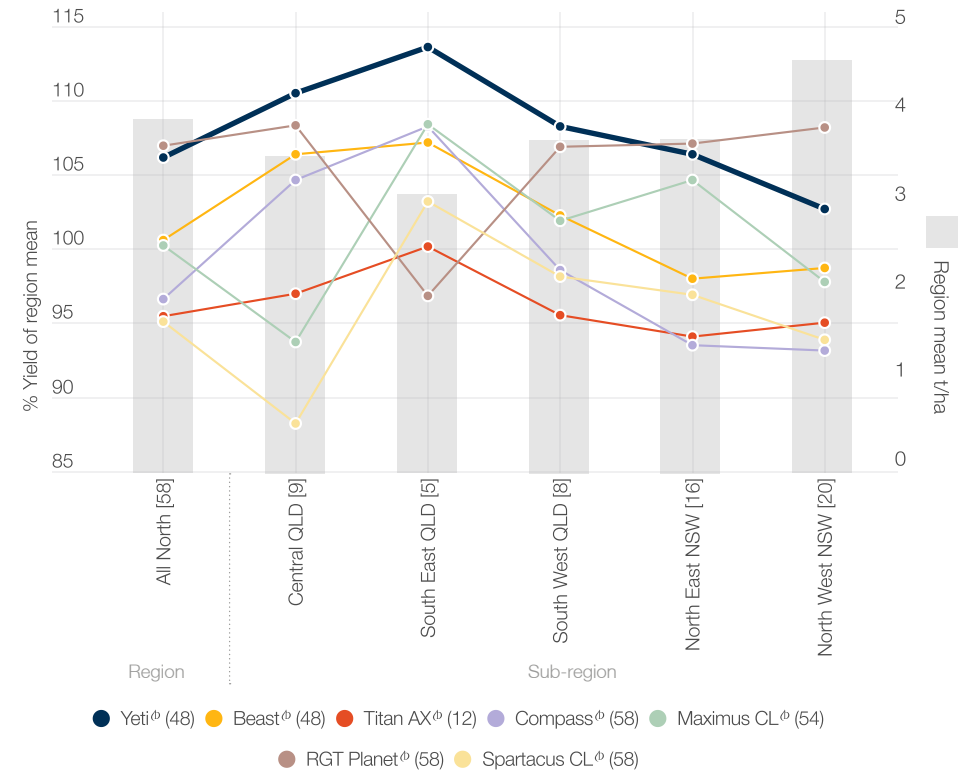






- Elite yields in the northern region
- A vigorous plant type, similar to Compass<sup>ϕ</sup>, but with reduced height
- Less susceptible to lodging than Compass<sup>ϕ</sup>
- Excellent physical grain quality package
- Has entered the Grains Australia malt accreditation program but is currently deliverable as Barley/Feed

Predicted grain yield of Yeti<sup>ϕ</sup> versus comparators



Source: NVT long term MET analysis yield prediction 2018-2022  
 [ ] Total number of trials per region  
 ( ) Number of trials that each variety was present in across the Northern dataset [58]

More information



# AGT renews commitment to supporting rural communities.

For over 20 years, Australian Grain Technologies (AGT) has been contributing to the prosperity of this country's farmers by breeding new and competitive field crop varieties that are more productive, better quality and cost less to grow.

In 2022, to celebrate our 20 year anniversary, we decided to invest further into those farming communities that have supported us over this time.

One such initiative was giving away seed of AGT's first ever canola varieties. Three open-pollinated varieties (two of them triazine tolerant and the other conventional) were launched in August of 2022 and free seed was offered to AGT growers.

Another program embarked upon by AGT in its anniversary year was the establishment of a series of community donations. These donations were offered to growers of AGT varieties across Australia who needed support for projects that would benefit the community in which they lived. The community donations were an acknowledgement that AGT's prolonged success has depended on the support of Australian grain growers and the communities that sustain them.

AGT reached out to farming areas that had been strong supporters of the company and asked for ideas on how to help.

Several restoration and renovation projects from Yuna in WA to North Star in NSW were



Photo: St Mary's Parish School Facebook

*St Mary's Parish School used AGT Community Donation funding to produce the Lion King Jr. musical.*

funded by AGT, with grants contributing to building new playgrounds, fixing nurses quarters, creating child-safe playrooms and purchasing a new lawnmower for a local sports club.

What became clear through the process of assessing the numerous requests and awarding these donations was that there is an ongoing need in rural communities for more to be done by businesses like AGT that earn their livelihood from the work done in the field by Australian grain growers.

For this reason, in 2023, AGT once again asked grain growers from around Australia to come up with ideas on how we could help their local communities.

The diversity of requests for funding that AGT received was symbolic of the differing regions, towns and families that comprise the rich tapestry of Australia's grain growing industry. The 2023 Community Donation recipients are evidence of this.

From funding the restoration of what is

claimed as Australia's oldest clay tennis court in WA, to enabling a group of young rugby players from the central plains of NSW to travel and compete in competitions they would otherwise be unable to afford. Town hall restoration, a new community hall projector, contributing to building a school playground, sports club changeroom upgrades and even helping to pay for a school musical were all projects that AGT was delighted and proud to contribute to in 2023.

AGT are proud to release new and competitive varieties of wheat, barley, canola, durum and lupins to provide Australian farmers with real solutions that deliver value, as well as doing our part to ensure the global population is well nourished. We see being able to further contribute to farming regions across Australia through community donations as a natural extension of our responsibility to be giving back to the growers who have shown trust in us over the past decades through the adoption of our varieties and the payment of their end-point royalties.



*The Macquarie Emus is a unique junior rugby club that brings together players from a number of rural towns and communities too small to sustain their own teams.*





# Canola

## Triazine Tolerant variety comparisons

	Bandit TT <sup>®</sup>	Renegade TT <sup>®</sup>	ATR Bonito <sup>®</sup>	ATR Stingray <sup>®</sup>	ATR Wahoo <sup>®</sup>	HyITec <sup>®</sup> Trident	HyITec <sup>®</sup> Trophy
Type	Triazine Tolerant, Open Pollinated	Triazine Tolerant, Open Pollinated	Triazine Tolerant, Open Pollinated	Triazine Tolerant, Open Pollinated	Triazine Tolerant, Open Pollinated	Triazine Tolerant Hybrid	Triazine Tolerant Hybrid
Plant Height	Medium	Short-Medium	Short-Medium	Short	Medium	Tall	Medium-Tall
Blackleg Rating (Bare)	MRMS	MR	MS	MRMS	MRMS	R	R
Blackleg Rating (Treated)	R	R	R	R	R	R	R
Blackleg Resistance Group	A	A	A	C	A	AD	AD
Flowering Maturity	Early	Early-Mid	Early-Mid	Early	Mid	Early	Early-Mid

## Conventional variety comparisons

	Outlaw <sup>®</sup>	AV Garnet <sup>®</sup>	Nuseed Diamond
Type	Conventional, Open Pollinated	Conventional, Open Pollinated	Conventional, Hybrid
Plant Height	Tall	Tall	Medium
Blackleg Rating (Bare)	RMR	MS	RMR
Blackleg Rating (Treated)	R	MR	R
Blackleg Resistance Group	A	A	ABF
Flowering Maturity	Early	Early-mid	Early

R Resistant  
 MR Moderately Resistant  
 MS Moderately Susceptible  
 S Susceptible

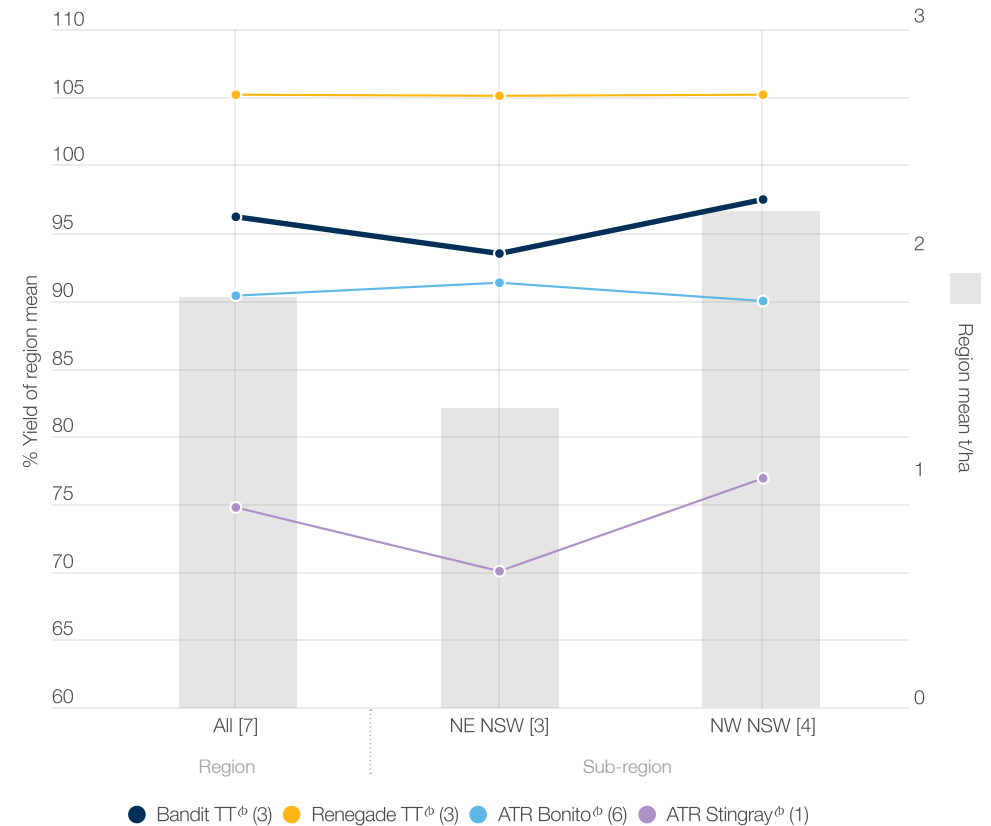
VS Very Susceptible  
 Source: NVT consensus ratings  
 2022 and AGT data





- Triazine Tolerant, Open Pollinated
- Very quick to flower, similar to ATR Stingray<sup>ϕ</sup> and HyTTec<sup>®</sup> Trident
- Market leading profitability under stressed conditions
- Best adapted to lower rainfall and lower yield potential environments
- Oil content similar to ATR Stingray<sup>ϕ</sup>
- R blackleg rating (with fungicide), MRMS blackleg rating (without fungicide)
- Group A blackleg resistance

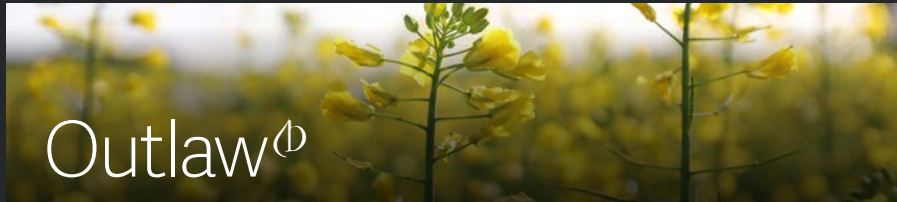
Predicted grain yield – NVT 'low/medium rainfall triazine' (quicker maturing) canola series



Source: NVT long term MET analysis, low/medium rainfall triazine canola trial series 2018-2022

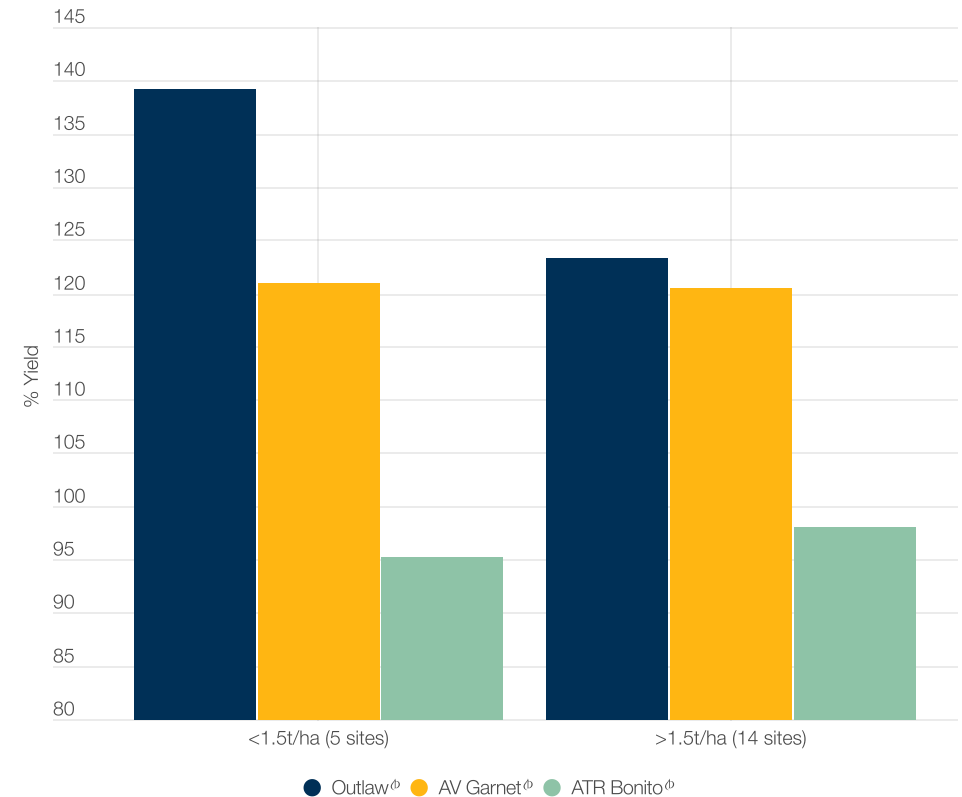
More information





- Conventional, open pollinated (OP)
- Very quick to flower, similar to Nuseed Diamond and quicker than AV Garnet<sup>®</sup>
- Leading grain yield in conventional OP market
- Excellent oil content, nearly 3% higher than AV Garnet<sup>®</sup> in AGT trials
- R blackleg rating (with fungicide), RMR blackleg rating (without fungicide)
- Group A blackleg resistance

Grain yield of Outlaw<sup>®</sup> versus comparator varieties



Source: AGT canola trials 2019-2021 (19 sites across WA, SA, Vic, southern NSW)

More information

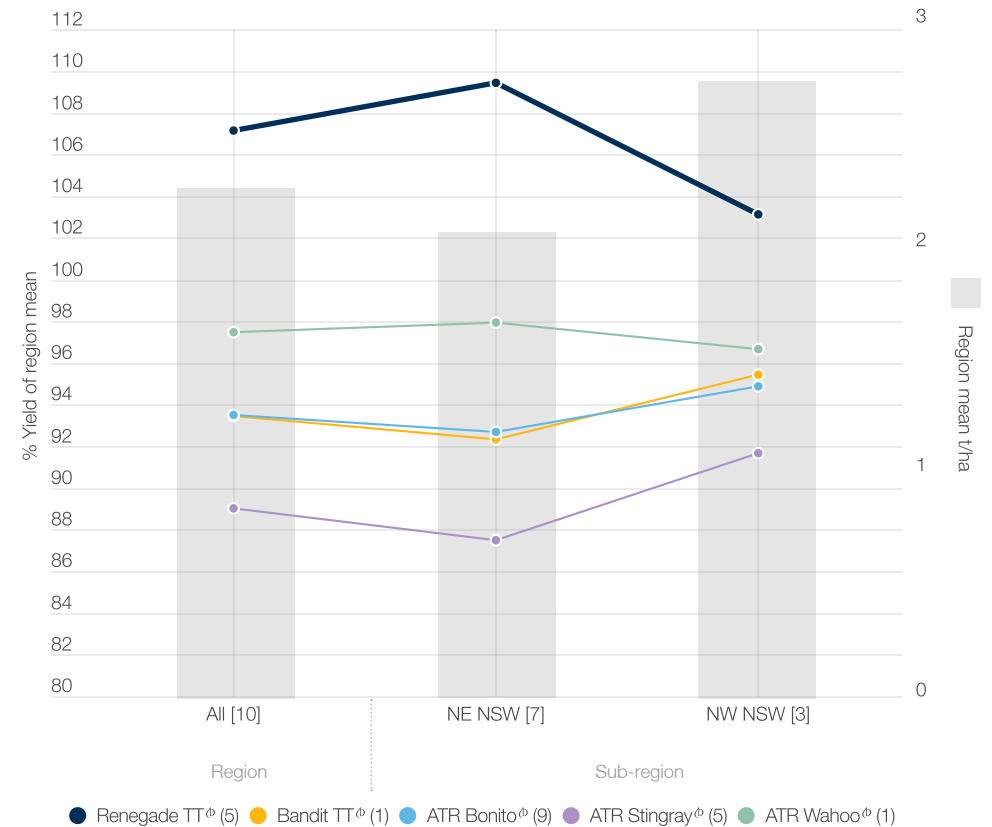




# Renegade TT<sup>Ⓛ</sup>

- Triazine Tolerant, Open Pollinated
- Quick to flower, between HyTTec<sup>®</sup> Trident and HyTTec<sup>®</sup> Trophy, a little quicker than ATR Bonito<sup>Ⓛ</sup>
- Best performance under medium yield potential conditions with competitive profitability
- Oil content higher than ATR Stingray<sup>Ⓛ</sup>, similar to HyTTec<sup>®</sup> Trident
- R blackleg rating (with fungicide), MR blackleg rating (without fungicide)
- Group A blackleg resistance

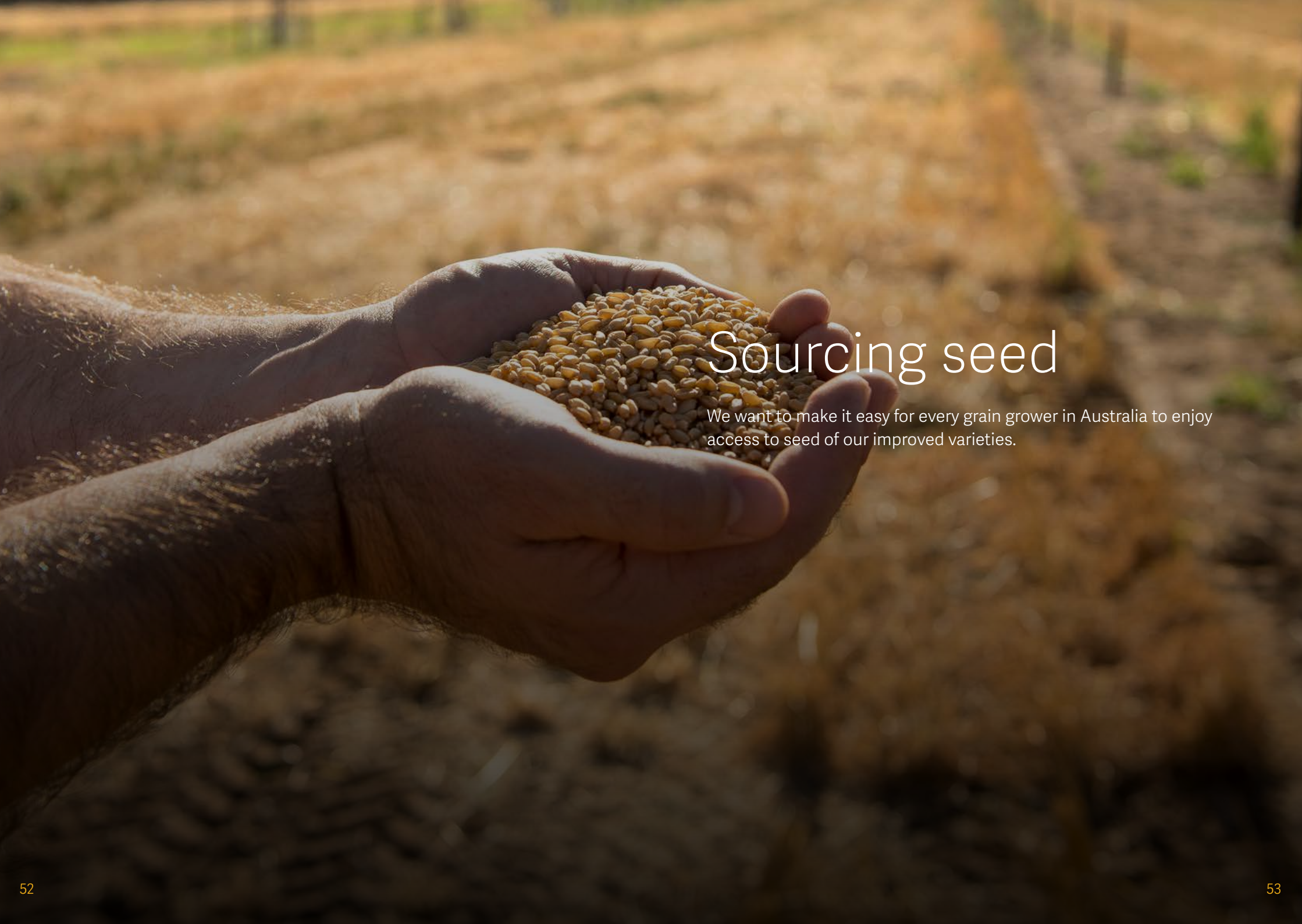
Predicted grain yield – NVT 'medium/high rainfall' (mid maturing) canola series



Source: NVT long term MET analysis, medium/high rainfall triazine canola trial series 2018-2022

More information





# Sourcing seed

We want to make it easy for every grain grower in Australia to enjoy access to seed of our improved varieties.



# AGT Affiliates

AGT Affiliates are responsible for production, grading, sales and distribution of all our new and existing varieties. AGT Affiliates offer both wholesale and retail sales capacity and thereby growers can access seed of our varieties from AGT Affiliates directly, or through most agricultural merchandising retail stores. AGT does not sell seed direct to growers, nor does AGT earn any income from the sale of seed.

## Deacon Seeds Company

10 Knight Street  
Dalby QLD 4405

Geoff Birch  
P 07 46 623 217  
M 0428 910 991  
geoff@deaconseeds.com

## PB Agrifood

60 Industrial Ave  
Toowoomba QLD 4350

David Ridgway  
P 07 4633 5555  
F 07 4633 5558  
M 0428 717 207  
admin@pbagrifood.com.au  
www.pbagrifood.com.au

## Narromine Seed Cleaners

213 Webb's Siding Rd.  
Narromine, NSW 2821

Garry Lane  
P 02 6889 2016  
M 0458 397 244  
lanegrain@bigpond.net

## Radicle Seeds

Holzwardt Road  
Emerald Qld 4720

Martin Tower  
P 0412 780 364  
info@radicleseeds.com.au  
radicleseeds.com.au

## Shepherd Grain

122 Burrington Rd  
Moree NSW 2400

John Shepherd  
P 0499 303 303  
john@shepherdgrain.com.au  
shepherdgrain.com.au

## Woods Seeds

Corner Leichhardt Hwy & Boundary Rd  
Goondiwindi QLD 4390

Angus Woods  
P 07 4670 0400  
F 07 4671 3907  
M 0438 429 163  
sales@woodsgrain.com.au  
woodsgrain.com.au

# AGT Seed Sharing™

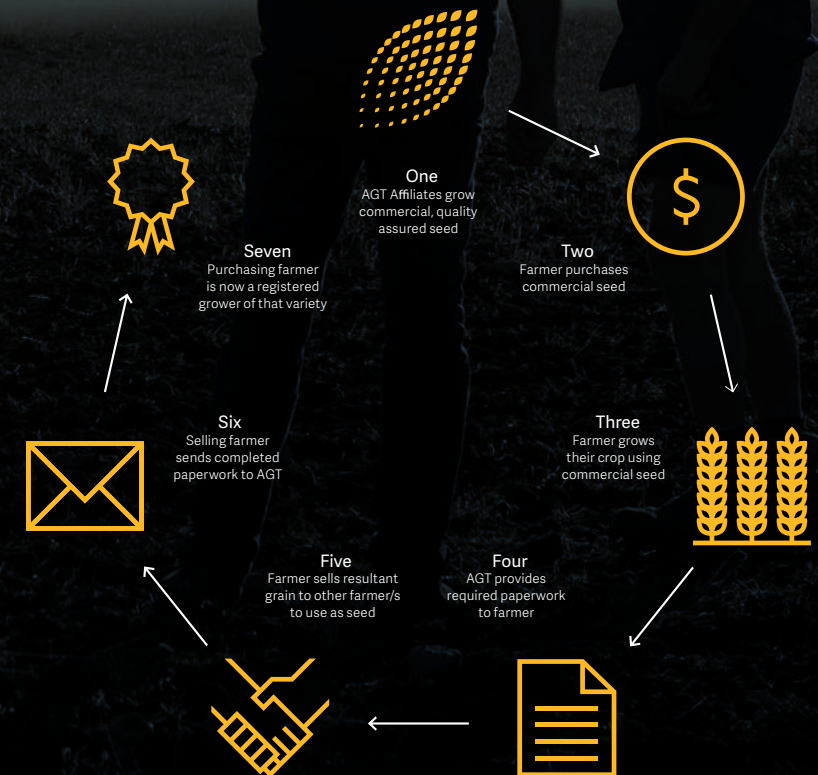
Seed Sharing™ is a low cost way of introducing our improved genetics into your program.


Seed Sharing™ is a licensed farmer to farmer trading scheme whereby grain of selected AGT varieties may be traded between farmers to use as seed.

Farmers who have grown a crop using commercial seed purchased from a recognised seed retailer or AGT Affiliate may sell seed to another farmer at a price or arrangement negotiated between them, providing they complete an AGT Seed Sharing™ License Agreement form. End Point Royalties are not charged on seed sold through Seed Sharing™.

Seed Sharing™ is allowed for all AGT wheat, durum, barley, canola and lupin varieties.

For the full terms and conditions and to download the AGT Seed Sharing™ License Agreement visit: [agtbreeding.com.au/sourcing-seed/seed-sharing](http://agtbreeding.com.au/sourcing-seed/seed-sharing)





Douglas Lush, Variety Support Manager, Northern NSW & QLD: 0407 177 029  
Meiqin Lu, Wheat Breeder: 0428 856 612  
Paul Telfer, Barley Breeder: 0418 805 297  
Tom Kapcejevs, Durum Breeder: 0499 228 428  
Sami Ullah, Canola Breeder: 0469 569 665  
End Point Royalty Office: (08) 7111 0201

[agtbreeding.com.au](http://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.