AGT-
Insurgent TT®

- The highest yielding triazine tolerant (TT), open pollinated (OP) canola in AGT and NVT trials
- The most profitable TT canola variety tested nation-wide in AGT trials
- Excellent oil content
- Mid season maturity
- Low cost of seed resulting in lower up-front risk than hybrids
- Ability to retain seed for future plantings ensuring you always have the seed you need
- RMR blackleg rating (with fungicide), MRMS blackleg rating (without fungicide)
- Height and lodging tolerance similar to HyTTec® Trident

Breeder's comments

The release of AGT-Insurgent TT$^{\Phi}$ marks an exciting new dawn in Australian canola production. Combining a yield level similar to hybrids with excellent oil content, AGT-Insurgent TT$^{\Phi}$ is expected to be not only the highest yielding OP variety available but the most profitable TT canola variety for many Australian farmers.

AGT-Insurgent TT$^{\Phi}$ delivers exceptional value to growers and builds on our first canola variety Renegade TT$^{\Phi}$. AGT-Insurgent TT$^{\Phi}$ offers lower up-front cost (and therefore lower risk) and higher gross margins over leading hybrid varieties when you combine the benefits of low seed cost, exceptional yield and high oil content.

A blackleg rating of RMR when treated and MRMS on bare seed means that AGT-Insurgent TT$^{\Phi}$ should be a good option across a wide range of rainfall zones. Furthermore, AGT-Insurgent's$^{\Phi}$ blackleg resistance is not based on the commonly deployed major genes. AGT-Insurgent TT$^{\Phi}$ has similar height and lodging tolerance to HyTTec® Trident. Our rebellious canola breeding program, which commenced in 2016, provides an alternative to the 'hybrid only' mantra being promoted to growers. We continue to develop varieties that combine great return on investment with less up-front risk, with AGT-Insurgent TT$^{\Phi}$ the latest variety emerging from this program.

AGT-Insurgent TT

Table 1. Specifications

Background

Tested as	AGTC0120TT
Released	2025
EPR rate	$11.00/tonne + GST

Disease

Blackleg resistance group*	NA
Blackleg resistance (bare)*	MRMS
Blackleg resistance (+ Ilevo® (Fluopyram))*	RMR
Blackleg resistance (+ Saltro® (Pydiflumetofen))*	RMR
Blackleg upper canopy infection resistance*	MRMS

Plant Characteristics

Pollination type	Open Pollinated
Novel herbicide tolerance^	Triazine
Flowering maturity speed^	Mid
Maturity habit^	Spring
Sowing window^	Main & late
Plant height^	Tall
Lodging tolerance^	I
Pod shattering tolerance^	MTMI

Grain Quality

Oil content^	Very high

Legend

R	Resistant	T	Tolerant	(P)	Provisional rating
MR	Moderately Resistant	MT	Moderately Tolerant	NA	Not Available
MS	Moderately Susceptible	MI	Moderately Intolerant	*	NVT consensus ratings 2025
S	Susceptible	I	Intolerant	^	AGT ratings/data interpretation.
VS	Very Susceptible	VI	Very Intolerant		

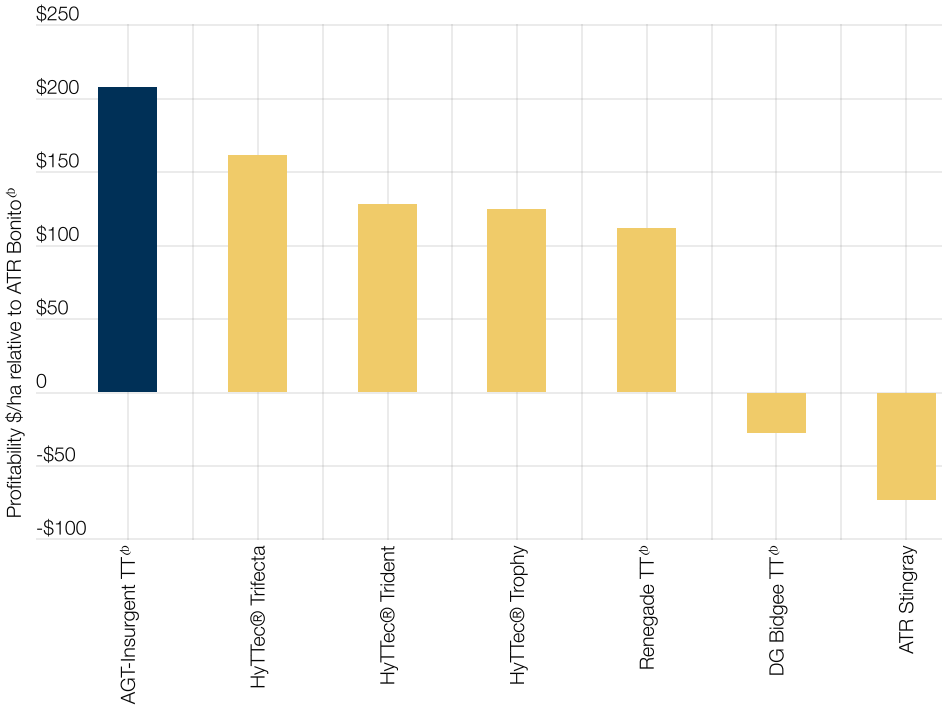
AGT-Insurgent TT$^{\Phi}$ is the most profitable TT canola variety in AGT trials.

For years, the spotlight in canola production has been on chasing the highest yielding hybrid varieties. But as growers know, what truly matters is profit. Sure, growing the biggest crop might earn bragging rights – but with canola, the equation is clear: the biggest profit comes from the best combination of high yield, high oil content and low seed costs.

AGT-Insurgent TT$^{\Phi}$ is a smart, low-cost, low-risk choice that delivers value to growers where it matters most – on the bottom line.

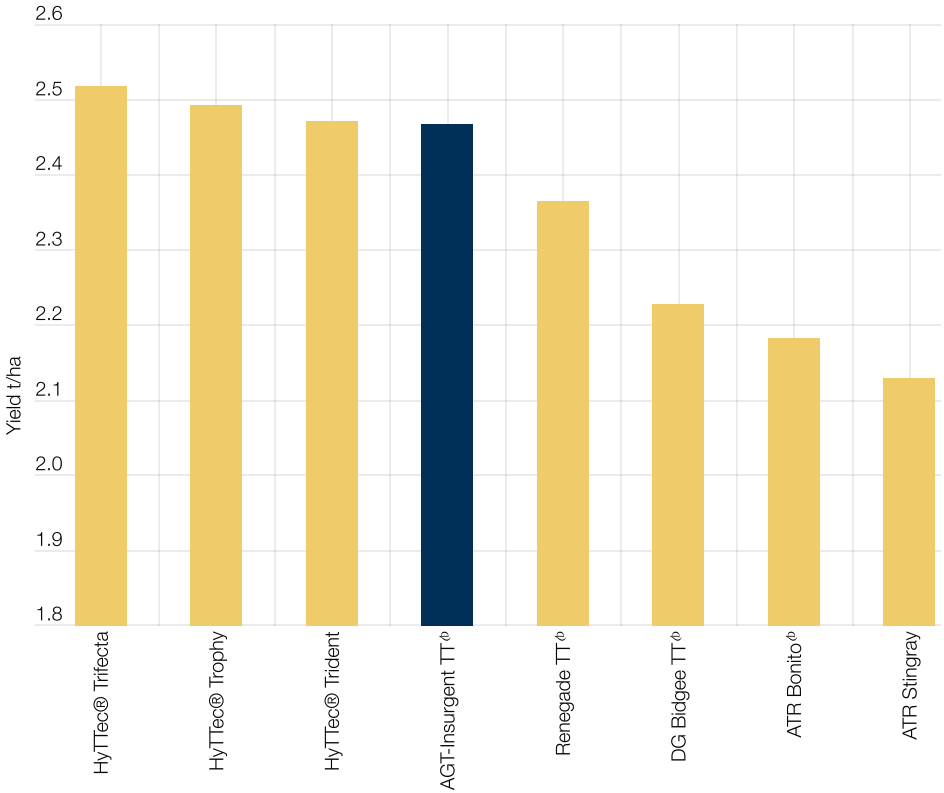
In AGT trials across Australia, AGT-Insurgent TT$^{\Phi}$ is the most profitable canola variety tested and has the highest gross margin when compared to other hybrid and OP varieties (Figure 1); a fantastic combination of high yield (Figure 2) and high oil content (Figure 3).

Figure 1. Value calculation of AGT-Insurgent TT$^{\Phi}$ versus comparators across Australia - Profitability relative to ATR Bonito$^{\Phi}$ - AGT data



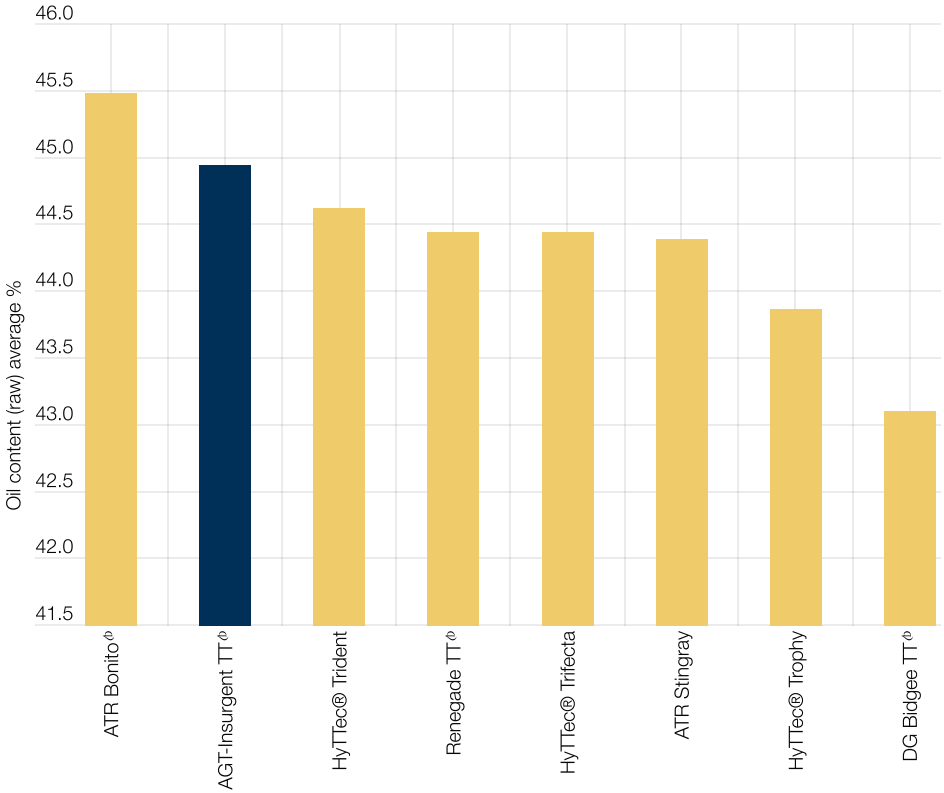
Source: Calculations based on following assumptions: Price of hybrid canola seed = $45/kg, price of retained OP canola seed = $5/kg, currently advertised EPR rate per variety, commodity price of canola at point of delivery = $800/t, sowing rate = 2.5kg/ha, yield and oil content = long term assessment from AGT trials (Figures 2 & 3).

Figure 2. Yield of AGT-Insurgent TT$^{\phi}$ versus comparators across Australia - AGT data



Source: AGT yield trials 2021-2024

Figure 3. Oil content of AGT-Insurgent TT$^{\phi}$ versus comparators across Australia - AGT data



Source: AGT yield trials 2021-2024

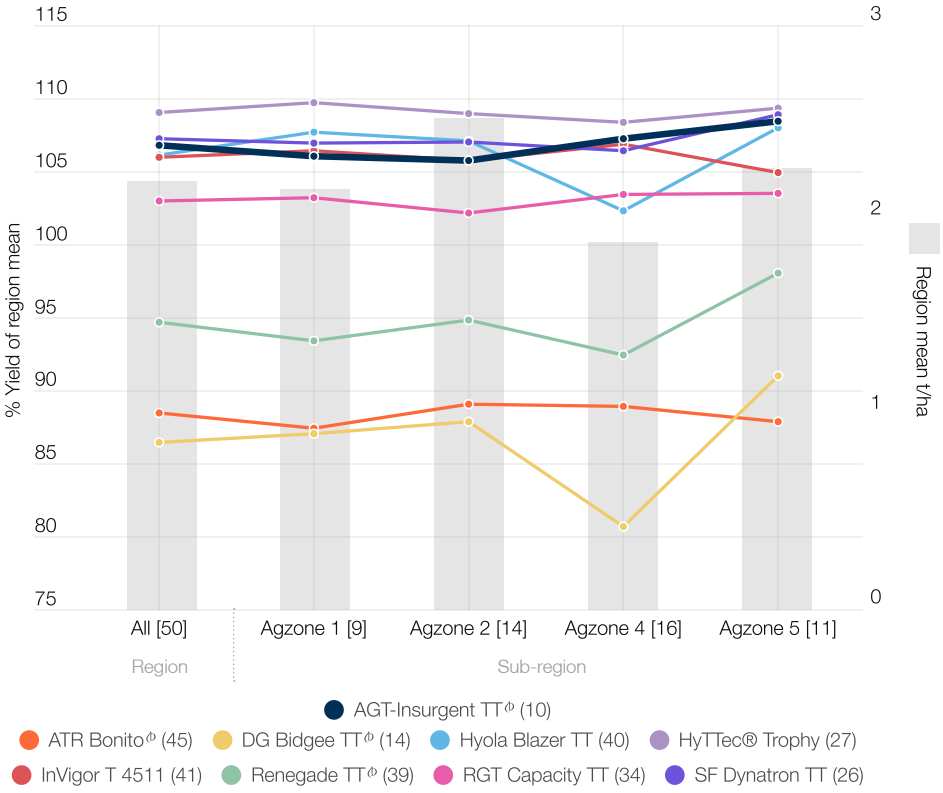
Even if you just look at grain yield (but why would you) AGT-Insurgent TT$^{\Phi}$ has bridged the gap that used to exist between hybrid and open pollinated canola varieties.

NVT testing across the low-medium (Figure 4) environments in WA shows that AGT-Insurgent TT$^{\Phi}$ is by far the highest yielding OP triazine tolerant variety available to growers, out-yielding ATR Bonito$^{\Phi}$ by more than 20%.

Compared to newer OP varieties it was nearly 13% higher yielding that Renegade TT$^{\Phi}$ and more than 12%, 23% and 21% higher yielding than DG Avon TT$^{\Phi}$, DG Bidgee TT$^{\Phi}$ and DG Torrens TT$^{\Phi}$ respectively.

In the same trials, AGT-Insurgent TT$^{\Phi}$ yielded more than many hybrids including Hyola Blazer TT, InVigor T 4511, RGT Capacity TT, SF Spark TT, and Hyola Enforcer CT.

Figure 4. Predicted yield of AGT-Insurgent TT$^{\Phi}$ versus comparators across WA regions - NVT low-medium rainfall TT trials series

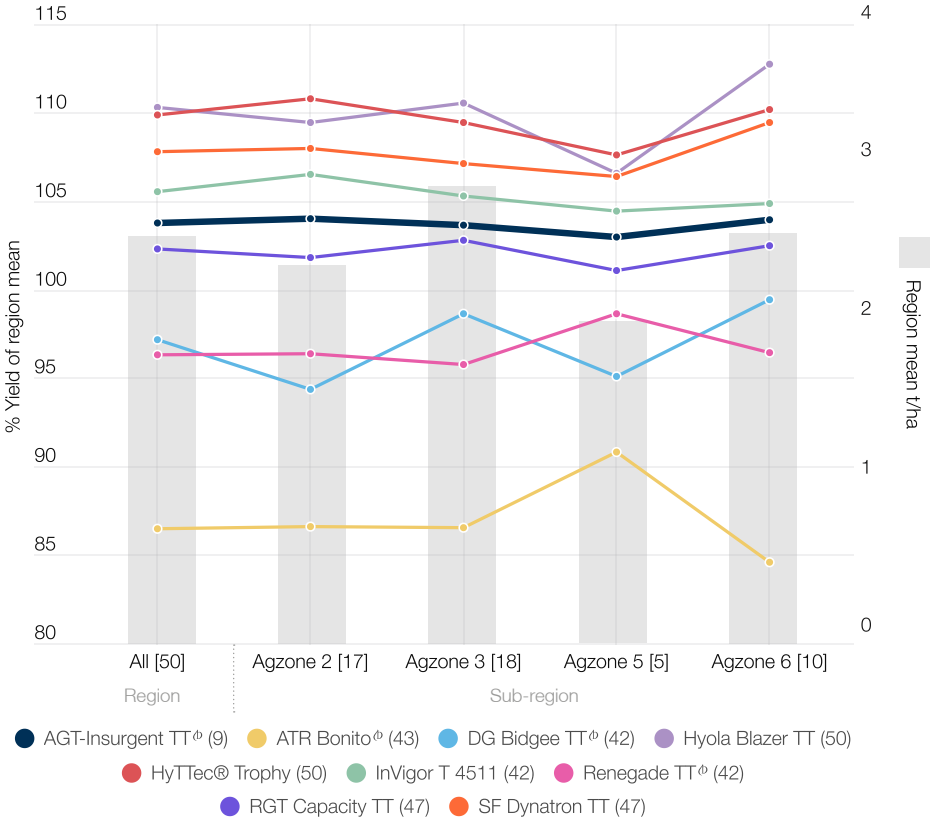


Source: NVT long term MET analysis, low-medium TT trial series 2020-2024

[ ]: Total number of trials per region

( ): Number of trials that each variety was present in across the dataset

Figure 5. Predicted yield of AGT-Insurgent TTΦ versus comparators across WA regions - NVT medium-high rainfall TT trials series



Source: NVT long term MET analysis, medium-high TT trial series 2020-2024

[ ]: Total number of trials per region

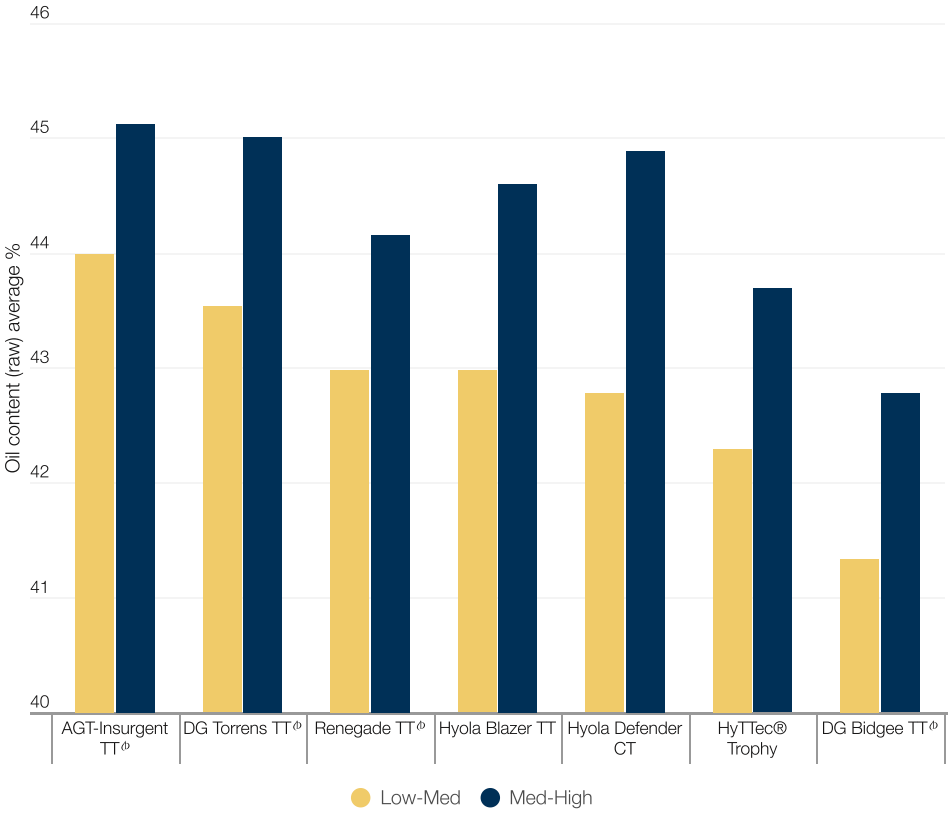
( ): Number of trials that each variety was present in across the dataset

Oil content - NVT data

Yield is one thing but oil content is where you can capitalise on a variety's total package and maximise the bottom line.

AGT-Insurgent TT$^{\Phi}$ has excellent oil content (Figure 6) and outperforms most other TT varieties.

Figure 6. Oil content of AGT-Insurgent TT$^{\Phi}$ versus comparators - WA NVT trials 2024



Source: 2024 NVT trials

Table 2. Variety comparisons

		AGT-Insurgent TT®	HyTTec® Trifecta	HyTTec® Trident	HyTTec® Trophy	Renegade TT®	ATR Bonito®	DG Bidgee TT®	ATR Stingray
Disease	Blackleg resistance group*	NA	ABD	AD	AD	A	A	H	C
	Blackleg resistance (bare)*	MRMS	R	R	R	MR	MS	R	MRMS
	Blackleg resistance (+ Ilevo® (Fluopyram))*	RMR	R	R	R	R	MR	R	R
	Blackleg resistance (+ Saltro® (Pydiflumetofen))*	RMR	R	R	R	R	RMR	R	R
	Blackleg upper canopy infection resistance*	MRMS	MR	MR	MR	MR	MS	R	MRMS
Plant Characteristics	Pollination type	Open Pollinated	Hybrid	Hybrid	Hybrid	Open Pollinated	Open Pollinated	Open Pollinated	Open Pollinated
	Novel herbicide tolerance^	Triazine	Triazine	Triazine	Triazine	Triazine	Triazine	Triazine	Triazine

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Seed Availability

Please contact an AGT Affiliate or your local retailer for seed. Consult the AGT website for AGT Affiliate contact details (www.agtbreeding.com.au/affiliates). AGT varieties can be traded between growers upon the completion of a License Agreement as part of AGT's Seed Sharing ™ initiative (www.agtbreeding.com.au/seedsharing)

PBR and EPR

Varieties denoted by the ᵠ 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 Grower License Agreement that acknowledges that an EPR must be paid on all production other than seed saved for planting.

Contact

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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. Wherever possible, independent NVT data has been used in this publication. In the absense of NVT data, AGT data has been provided.