

AGT- Strike TT[®]



Variety snapshot

- Triazine tolerant (TT), open pollinated (OP) canola
- Very high oil content
- Mid maturity, best suited to medium-high production environments
- RMR (Group H) blackleg resistance
- Improved lodging tolerance relative to AGT-Insurgent TT^Φ
- Low-cost competitor to leading hybrid varieties HyTTec[®] Trophy and HyTTec[®] Trifecta
- Ability to retain seed for future plantings ensuring you always have the seed you need

Breeder's comments

AGT-Strike TT[®] has been released to complement the existing canola varieties in our portfolio that have been largely developed for low to medium rainfall environments; with AGT-Strike TT[®] our best offering to date for growers in medium to high rainfall environments.

AGT-Strike TT[®] has delivered highly competitive yields, excellent oil content, and therefore improved profitability when compared with both OP and hybrid TT competitors in higher yielding environments.

As a complement to AGT-Insurgent TT[®] (predominantly aimed at low to medium rainfall environments), AGT-Strike TT[®] offers important attributes required when growing canola in higher productivity environments including a slower maturity, better lodging tolerance, and improved black leg resistance. AGT trials have shown AGT-Strike TT[®] offers a yield improvement over AGT-Insurgent TT[®] in higher yielding trials.

Compared to the leading hybrid TT's on the market, AGT-Strike TT[®] offers lower risk (due to less up-front cost of seed), the ability for growers to retain seed to grow again, and most importantly, higher gross margins (taking into account yield, oil content, cost of seed and end-point royalties).

Over-all, we recommend AGT-Strike TT[®] to growers in medium-high rainfall environments; while AGT-Insurgent TT[®] is our best bet for growers in low-medium rainfall environments.

AGT-Strike TT^Φ

Table 1. Specifications

Background

Tested as	AGTC0125TT
Released	2026
EPR rate	\$11.00/tonne + GST

Disease

Blackleg resistance group*	H
Blackleg resistance (bare)*	RMR
Blackleg resistance (+ Ilevor [®] (Fluopyram))*	R
Blackleg resistance (+ Saltro [®] (Pydiflumetofen))*	R
Blackleg upper canopy infection resistance*	R (P)

Plant Characteristics

Pollination type	Open Pollinated
Novel herbicide tolerance^	Triazine
Flowering maturity speed^	Mid
Maturity habit^	Spring
Sowing window^	Early & main

Legend

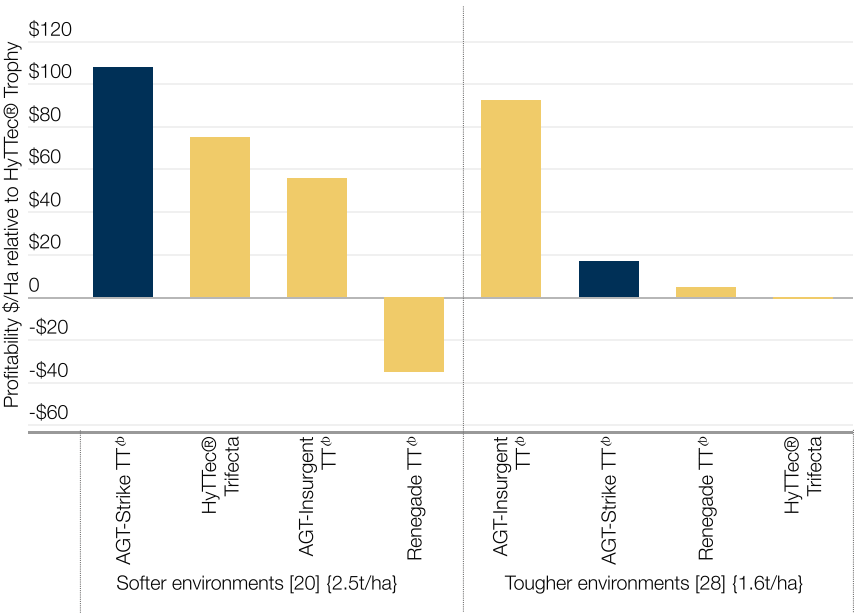
R	Resistant	MI	Moderately Intolerant	,	Mixed phenotype
MR	Moderately Resistant	I	Intolerant	#	May be more susceptible to alternate pathotypes
MS	Moderately Susceptible	VI	Very Intolerant	*	NVT disease ratings 2026 (nvt.grdc.com.au/nvt-disease-ratings)
S	Susceptible	(P)	Provisional rating	^	AGT ratings/data interpretation
VS	Very Susceptible	NA	Not Available		
T	Tolerant	/	Pathotype differences		
MT	Moderately Tolerant	-	Range		

Value & performance - AGT data

When looking at the data from AGT canola trials across Australia, it is clear that in softer, high yielding environments AGT-Strike TT[®] is a very profitable variety choice compared to all other open-pollinated varieties. It also eclipses leading hybrids in these environments (Figure 1), with AGT-Insurgent TT[®] gaining the advantage under tougher conditions.

A combination of competitive yields (Figure 2), high oil content (Figure 3), and low seed cost make AGT-Strike TT[®] a smart choice for the more reliable areas across Australia. The added benefits of being able to retain seed on farm and reduce the cost of fresh seed each year gives a logistical bonus to the already attractive financial gain of growing AGT-Strike TT[®].

Figure 1. Value calculation of AGT-Strike TT[®] versus comparators across Australia - Profitability relative to HyTTec[®] Trophy - AGT trials



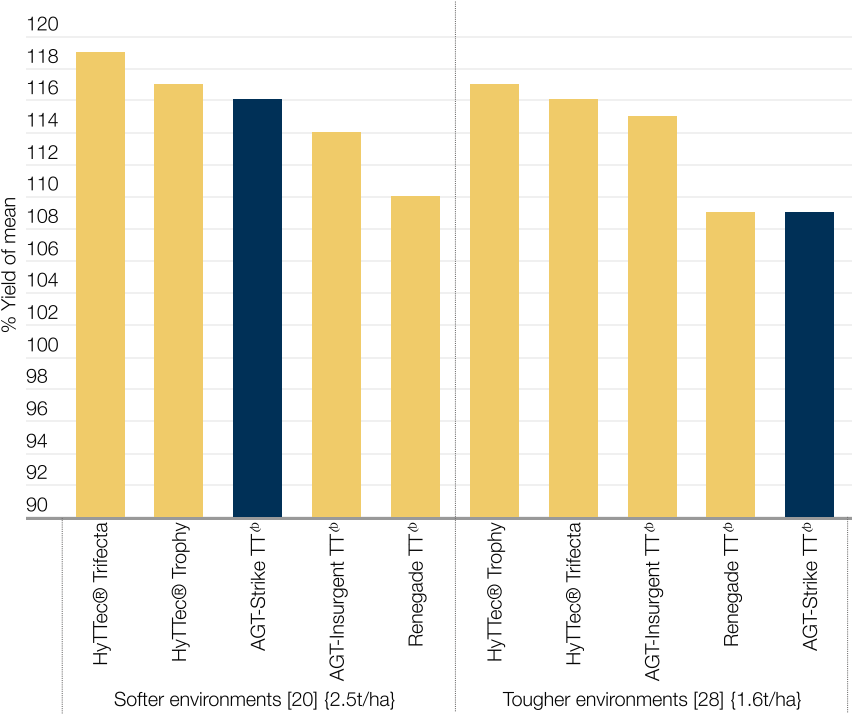
Source: AGT yield trials 2022-2025 (48 sites across Australia)

Calculations based on following assumptions: Price of hybrid canola seed = \$50/kg, price of retained OP canola seed = \$5/kg, currently advertised EPR rate per variety, commodity price of canola at point of delivery = \$750/t, sowing rate = 2.5kg/ha, yield and oil content = long term assessment from AGT trials (Figures 2 & 3).

[] : Total number of trials per environment

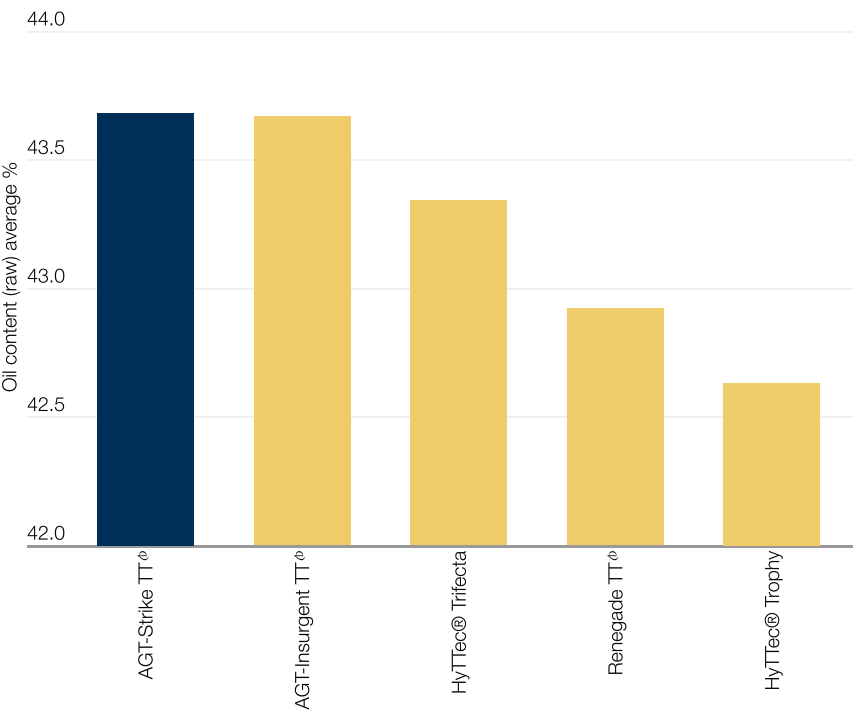
{ } : Environment mean

Figure 2. Grain yield of AGT-Strike TT[®] versus comparators across Australia - AGT trials



Source: AGT yield trials 2022-2025 (48 sites across Australia)

Figure 3. Oil content of AGT-Strike TT[®] versus comparators across Australia - AGT trials



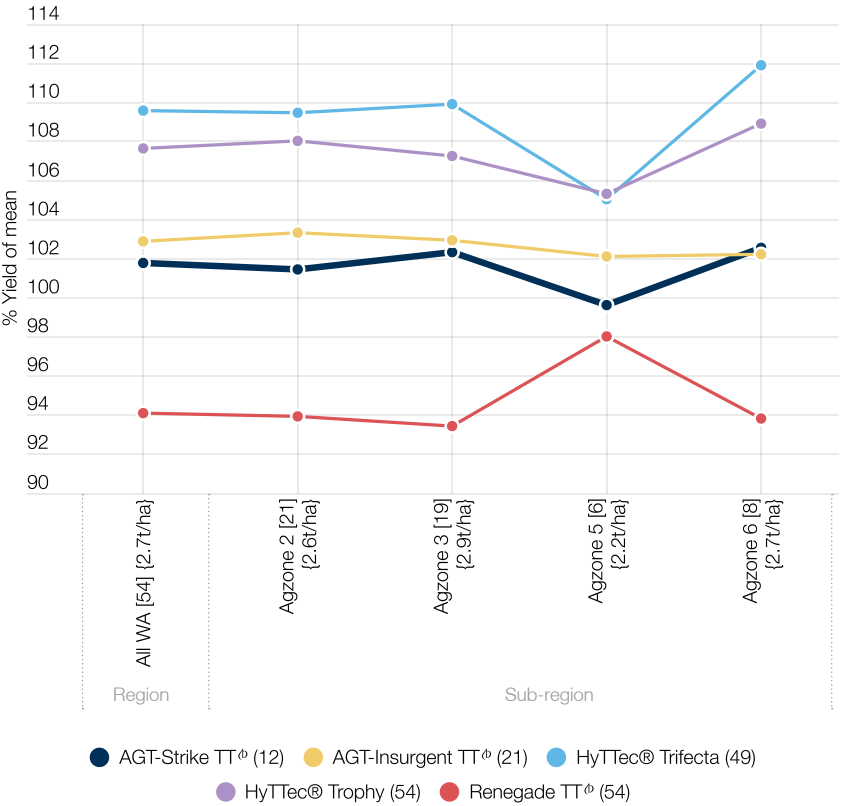
Source: AGT yield trials 2022-2025 (21 sites across Australia)

Performance - NVT data

When it comes to NVT trials, AGT-Strike TT[®] has delivered competitive performance against TT comparator varieties, similar to AGT-Insurgent TT[®] (Figure 4). Continued breeding advancements in OP varieties have significantly narrowed the yield gap between hybrid and OP varieties.

Like AGT-Insurgent TT[®], AGT-Strike TT[®] produces seed that contains very high oil content.

Figure 4. Grain yield of AGT-Strike TT[®] versus comparators across WA - NVT medium-high TT trials



Source: Best linear unbiased predictions from NVT long term MET analysis, medium-high TT trial series 2021-2025

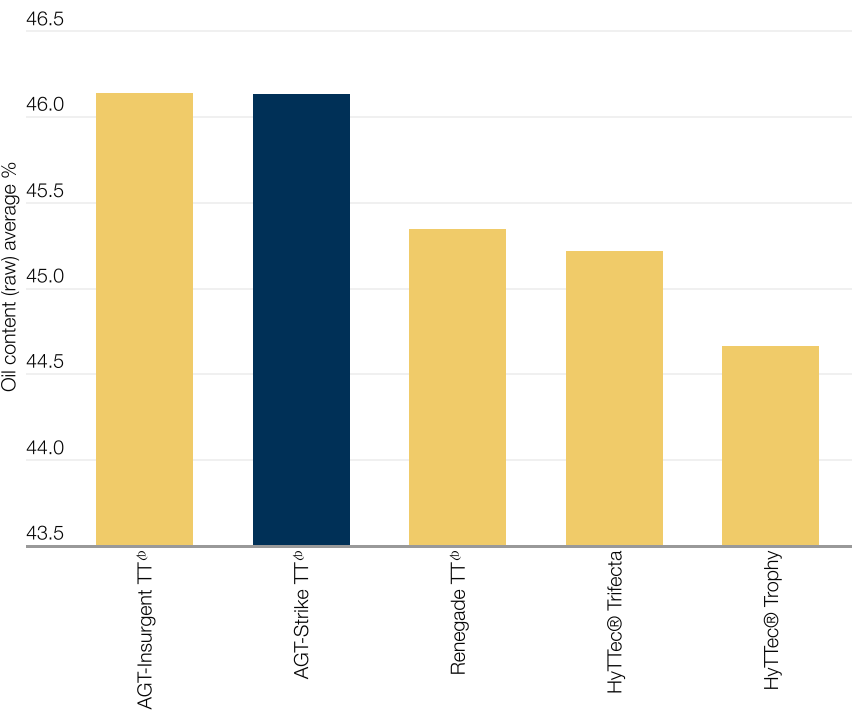
[] : Total number of trials per region

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

{ } : Region mean



Figure 5. Oil content of AGT-Strike TT[®] versus comparators across WA - NVT medium-high TT trials



Source: NVT medium-high TT trials, WA 2025 (12 trials) 

Variety comparisons

Table 2. Variety comparisons

		AGT-Strike TT [®]	AGT- Insurgent TT [®]	HyTTec [®] Trifecta	HyTTec [®] Trophy	Renegade TT [®]
Disease	Blackleg resistance group*	H	NA	ABD	AD	A
	Blackleg resistance (bare)*	RMR	MS	RMR	RMR	MRMS
	Blackleg resistance (+ Ileva [®] (Fluopyram))*	R	RMR	R	R	R
	Blackleg resistance (+ Salto [®] (Pydiflumetofen))*	R	RMR	R	R	R
	Blackleg upper canopy infection resistance*	R (P)	MRMS	MR	MR	MR
Plant Characteristics	Pollination type	Open Pollinated	Open Pollinated	Hybrid	Hybrid	Open Pollinated
	Novel herbicide tolerance^	Triazine	Triazine	Triazine	Triazine	Triazine



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 [®] 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 (nvt.grdc.com.au). In the absence of NVT data, AGT data has been provided.