

National Canola Product Guide

2024/25



Stacked herbicide technologies

AGRONOMIC ATTRIBUTES	HYOLA REGIMENT XC	HYOLA BATTALION XC	HYOLA DEFENDER CT	HYOLA ENFORCER CT
Yield adaptability	1.0 - 4.5 t/ha	1.0 - 2.5 t/ha	1.0 - 5.5 t/ha	1.0 - 2.5 t/ha
Blackleg rating (UCI)	R	MR	MR	MR
Blackleg rating (bare)	R	RMR	R	R
Blackleg groups	ADFH	ADF	ADF	ADF
Oil potential	High - very high	Mid - high	High	High
Herbicide tolerance	XX + CL	XX + CL	CL + TT	CL + TT
Maturity	Early - Mid	Early	Mid - Early	Early - Mid
# Plant vigour	8.5 - 9.0	8.0 - 8.5	7.0 - 7.5	6.5 - 7.0
# Plant height	Medium - tall	Medium	Medium	Medium
Growing zones	LRZ - HRZ	LRZ - MRZ	MRZ - VHRZ	LRZ - MRZ

Single herbicide technologies

AGRONOMIC ATTRIBUTES	HYOLA BLAZER TT	HYOLA SOLSTICE CL	HYOLA 970 CL	HYOLA FEAST CL
Yield adaptability	1.0 - 5.5 t/ha	1.0 - 3.5 t/ha	3.0 - 7.0 t/ha	2.0 - 6.5 t/ha
Blackleg rating (UCI)	MR	R	R	R
Blackleg rating (bare)	RMR	R	R	R
Blackleg groups	ADF	ADFH	H	H
Oil potential	High	High - very high	Mid - high	Mid - high
Herbicide tolerance	TT	CL	CL winter	CL winter
Maturity	Mid - Early	Early - Mid	Late	Mid - Late
# Plant vigour	7.0 - 7.5	8.5 - 9.0	9.5 - 10.0	9.5 - 10.0
# Plant height	Medium	Medium - tall	Very tall	Tall
Growing zones	LRZ - HRZ	LRZ - MRZ	HRZ - VHRZ	MRZ - VHRZ

Visual ratings from Pacific Seeds replicated Research & Development trials.

Herbicide tolerance: XX = TruFlex® canola with Roundup Ready® Technology, XX + CL = TruFlex + Clearfield® canola, CL + TT = Clearfield canola + Triazine tolerant, TT = Triazine tolerant, CL = Clearfield canola.

6 Big Reasons

Why Australian farmers are growing XC stacked technology



TRUFLEX® +
CLEARFIELD



XX TECHNOLOGY WITH HIGH IMI SOIL CARRYOVER

- 01** IMI herbicide soil carryover crop protection benefits
Over single trait TruFlex® technology. Increased grain yield 300 kg/ha - 2590 kg/ha. Increased gross returns \$129 /ha - \$1553 /ha.
- 02** Delivering competitive grain yields compared to GLY hybrids
Often, no significant difference with some popular TruFlex® hybrids in GRDC NVT trial sites.
- 03** Delivering higher yields & gross returns over single trait OPT T
Increased grain yield 150 kg/ha - 1060 kg/ha. Increased gross returns \$90 /ha - \$636 /ha.

XC TECHNOLOGY WITH HIGH IMI SOIL CARRYOVER

- 04** Increased ryegrass weed control efficacy
Over single trait Clearfield® technology. Increased ryegrass weed control - up to 23%. Increased ryegrass spikelet control - up to 92%.
- 05** IWM resistance management with increased flexible rotations
Use as either or both spray strategy; XX or CL or combined XC to implement a "mix and rotate" strategy assisted by HWSC methods.
- 06** IWM boom spray contamination benefits and crop protection
Increased grain yield 140 kg/ha - 350 kg/ha. Increased gross returns \$76 /ha - \$198 /ha.

6 Big Reasons

Why Australian farmers are growing CT stacked technology



TRIAZINE TOLERANT
+ CLEARFIELD



CT TECHNOLOGY WITH HIGH IMI SOIL CARRYOVER

- 01** **IMI herbicide soil carryover crop protection benefits**
Over single trait OP TT technology. Increased grain yield 160 kg/ha - 1570 kg/ha. Increased gross returns \$110 /ha - \$1018 /ha.
- 02** **Delivering competitive grain yields compared to TT hybrids**
Often, no significant difference with some popular Triazine Tolerant hybrids in GRDC NVT trial sites.
- 03** **Delivering higher yields & gross returns over single trait OP TT**
Increased grain yield 270 kg/ha - 880 kg/ha. Increased gross returns \$162 /ha - \$528 /ha.

TT TECHNOLOGY WITH HIGH IMI SOIL CARRYOVER

- 04** **Increased ryegrass weed control efficacy**
Over single trait OP TT technology. Increased ryegrass weed control - up to 17% Increased ryegrass spikelet control - up to 45%.
- 05** **IWM resistance management with increased flexible rotations**
Use as either or both spray strategy; TT or CL or combined CT to implement a "mix and rotate" strategy assisted by HWSC methods.
- 06** **IWM boom spray contamination benefits and crop protection**
Increased grain yield 40 kg/ha - 183 kg/ha. Increased gross returns \$26 /ha - \$106 /ha.

Yield adaptability

Yield adaptability graphs provide valuable insights into how different varieties perform across various yield zones (environments). The data, derived from our National Hyola Innovation Systems Technology Trials, emphasises the importance of multi-environment trials (METs) in assessing variety performance across diverse conditions and different seasons.

How to read the graphs:

X-axis

Results are grouped by yield zone.

Y-axis

Yield (t/ha) above (or below) the trial mean for all varieties within each yield zone.



3 years of data
2021, 2022, 2023

48 trial sites
Distributed nationally
across the three years.

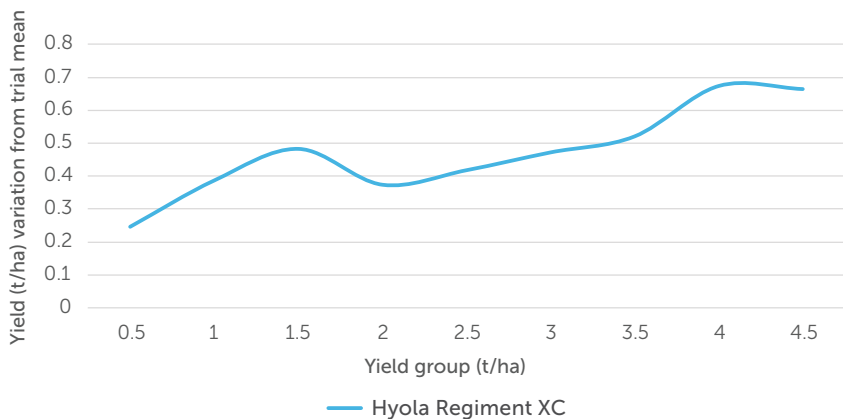
 **55** varieties tested
Includes Pacific Seeds
and competitor varieties.

Source: National Hyola innovation systems technology trials

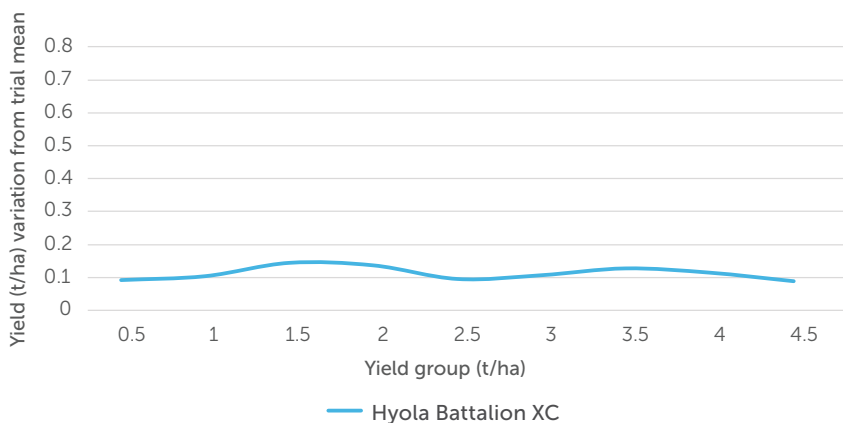


Yield adaptability graphs

HYOLA REGIMENT XC

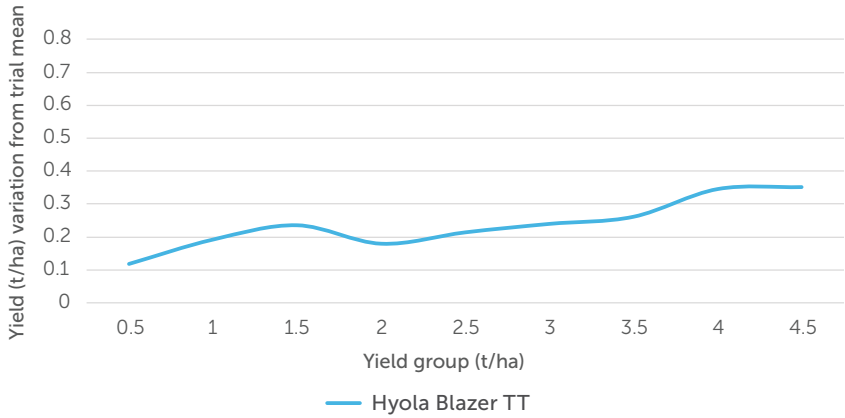


HYOLA BATTALION XC

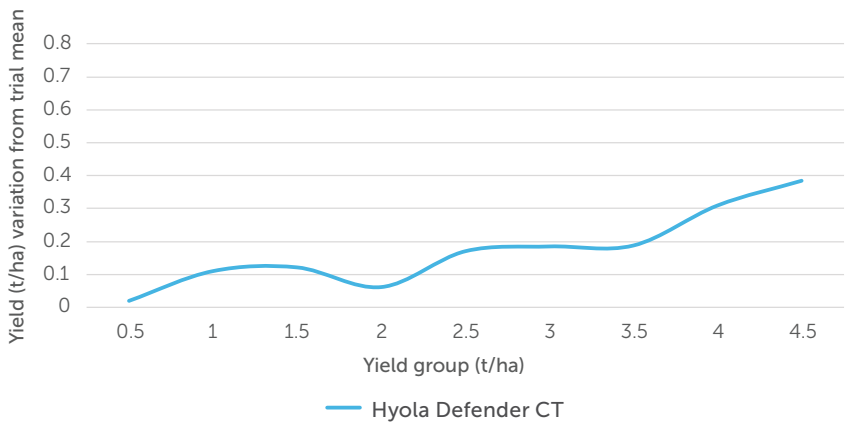


Yield adaptability graphs

HYOLA BLAZER TT

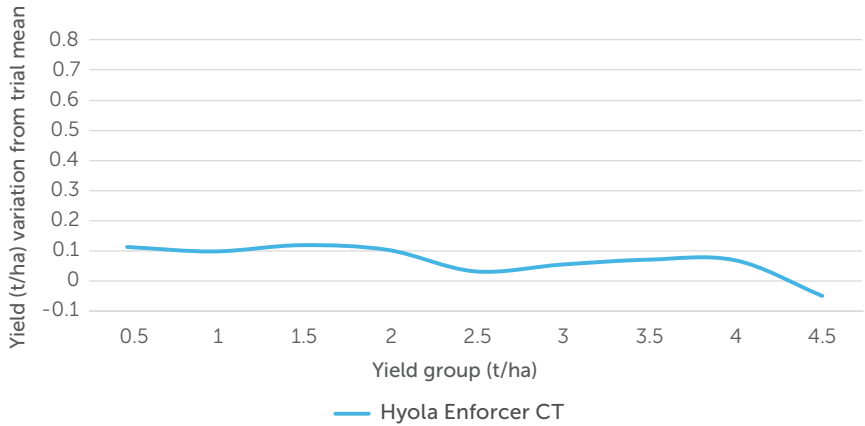


HYOLA DEFENDER CT

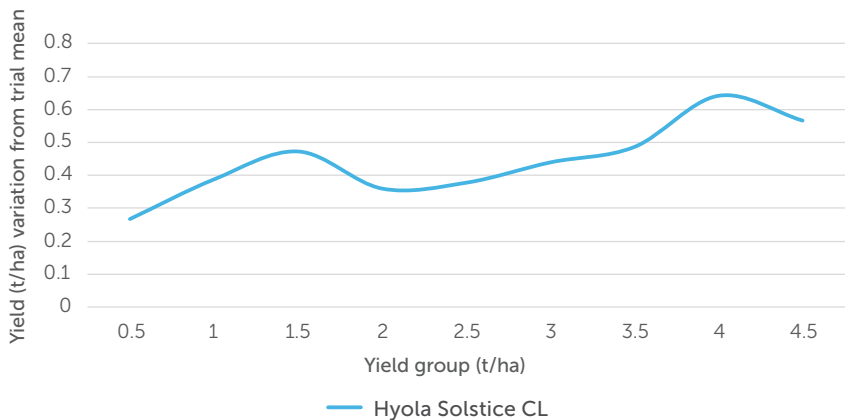


Yield adaptability graphs

HYOLA ENFORCER CT



HYOLA SOLSTICE CL



Contact Us

Territory Managers

Ask us about how our products can add value to your business and customers.



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Technical Specialists

Talk to us about technical and agronomic advice to maximise product performance.



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