

Triazine technology 2023-24 Eastern Australia Product guide



TRIAZINE TOLERANT



2023-24 product features

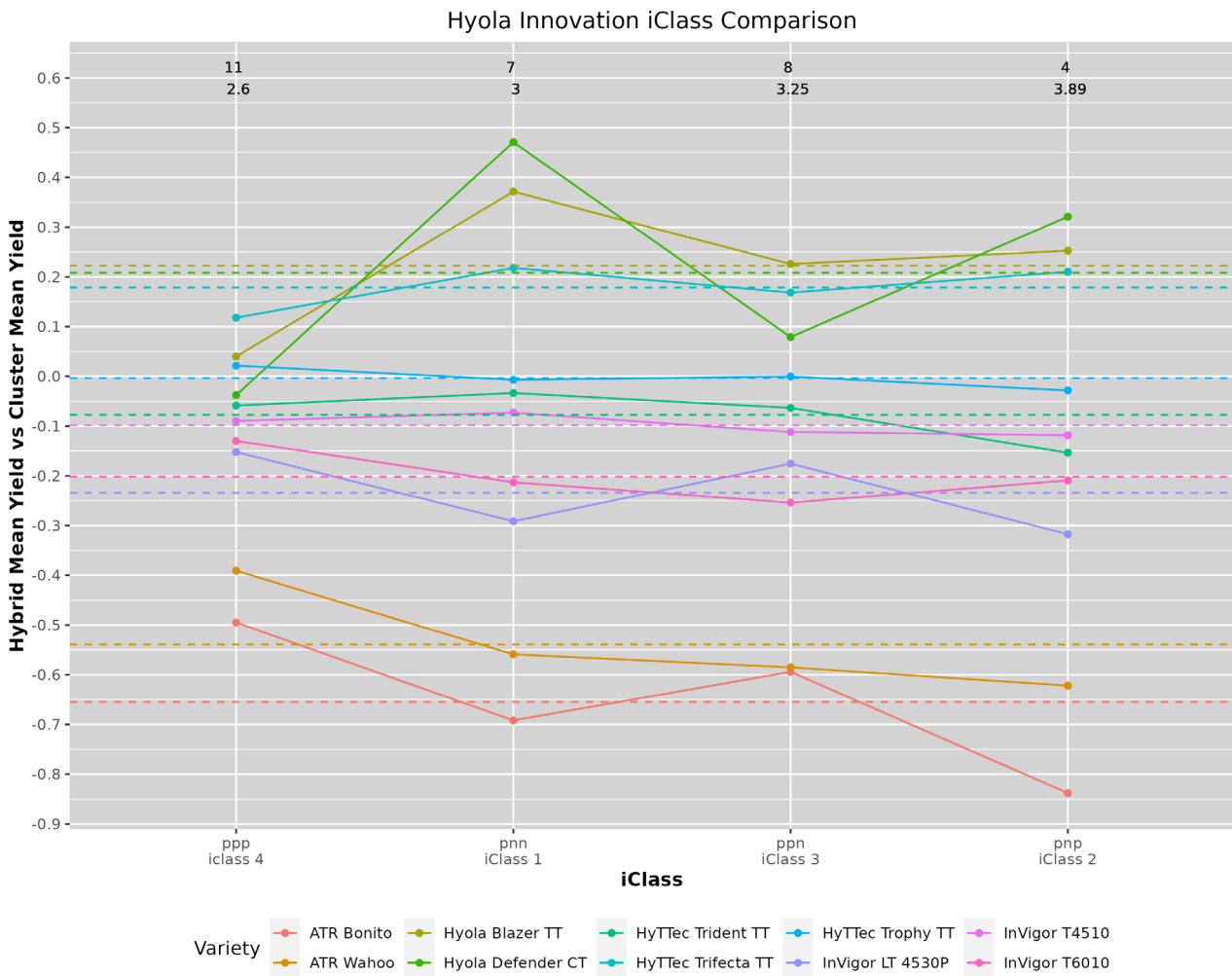


HYOLA BLAZER TT	AGRONOMIC ATTRIBUTES
1.5 - 5.5 t/ha	Yield adaptability
R	Blackleg rating
ADF	Blackleg groups
High	Oil potential
TT	Herbicide tolerance
Mid - Early	Maturity
7.5 - 8.0	# Plant vigour
Medium	# Plant height
MRZ - VHRZ	Growing zones



Visual ratings from Pacific Seeds replicated Research & Development trials

Highlighting high yield performance



Industry leading trial design and analysis across all technologies shows Hyola Blazer TT performance as up the top with leading TT hybrids

Pacific Seeds runs a Factor Analytic (FA) linear mixed model for MET analysis using ASREML with iClasses, where iClasses are groups of trials that capture patterns of variety by environment interaction. The iClasses are an extension of a normal MET analysis where you normally cluster trials based on a dendrogram of trial relatedness.

Trial data across two years and 30 trial sites for Hyola Blazer TT demonstrates its wide adaptation to a range of growing environments across Australia, providing Australian growers with a high level of confidence in Hyola Blazer TT's performance. Hyola Blazer TT exhibits high oil and a triple-gene blackleg resistance rating of "R".



INDUSTRY LEADING MET YIELD PERFORMANCE

Mid trials yield performance

NSW, VIC, SA (yield groups)



GRDC NVT TRIALS NSW, VIC, SA CANOLA VARIETY	Group Mean Yield Trials	0.5 0.28 t/ha 2	1 0.73 t/ha 9	1.5 1.30 t/ha 14	2 1.77 t/ha 10	2.5 2.29 t/ha 14	3 2.75 t/ha 40	3.5 3.19 t/ha 13	4 3.69 t/ha 9
Hyola Blazer TT	74			114	120	120	117	117	120
Hyola Defender CT	24				112	119	114	114	120
HyTTec Trifecta	94	128	131	119	123	118	117	117	118
PY520TC	34				114	118	114	114	118
SF Dynatron TT	81	113	116	114	115	116	113	112	115
RGT Baseline TT	44				109	117	113	112	115
HyTTec Trophy	111	123	125	116	117	113	112	112	114
InVigor T 4511	46				114	109	109	109	110
InVigor T 6010	69	103	107	108	110	112	110	109	109
RGT Capacity TT	76	111	112	112	111	111	109	108	109
DG BIDGEE TT	43				104	110	107	107	109
InVigor T 4510	108	123	120	116	113	108	108	108	108
Renegade TT	38				100	106	103	101	102
InVigor LT 4530P	54				109	103	104	102	101
Hyola Enforcer CT	80	122	118	110	108	100	103	103	101
DG Torrens TT	43				99	102	102	101	100
DG MURRAY TT	57		89	87	94	96	97	97	96
ATR Wahoo	38	70	76	84	89	98	96	96	95
Bandit TT	13					93	93	93	93
ATR Bonito	72	85	83	92	89	93	93	92	91
Monola 422TT	35				85	87	88	90	89
AFP Cutubury	21				83	87	88	88	86
Monola 420TT	59	92	85	89	84	82	85	86	84

Selected varieties have been used for specific grain yield performance comparisons above.

Visit the GRDC NVT website, <https://app.nvt.grdc.com.au/lty/table/canola/> for full sets of results.

Early trials yield performance NSW, VIC, SA (2018-2022)



GRDC NVT TRIALS NSW, VIC, SA CANOLA VARIETY	Group Mean Yield Trials	2018 1.14 t/ha 8	2019 1.42 t/ha 10	2020 2.08 t/ha 9	2021 2.34 t/ha 5	2022 2.57 t/ha 10
Hyola Blazer TT	16		107	115	110	116
Hyola Defender CT	10					112
HyTTec Trident	40	117	108	108	110	109
HyTTec Trophy	40	109	106	109	108	109
InVigor LT 4530P	18			105	105	109
InVigor T 4510	42	112	111	105	106	108
Renegade TT	14				102	107
HyTTec Velocity	11			103	106	105
RGT Capacity TT	20		94	106	105	104
InVigor T 4511	15				104	103
DG BIDGEE TT	5					103
Bandit TT	15				98	96
ATR Bonito	40	93	97	92	93	92
Monola 422TT	10			87	91	90
ATR Swordfish	9				90	90
ATR Bluefin	16			83	85	84

Selected varieties have been used for specific grain yield performance comparisons above.

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Hyola Blazer TT

NSW, VIC & SA NVT results

GRDC NVT MID TRIALS NSW LONG TERM CANOLA VARIETY	Group Mean Yield Trials	2018 0.99 t/ha 9	2019 1.08 t/ha 7	2020 2.82 t/ha 11	2021 2.97 t/ha 10	2022 2.41 t/ha 10
Hyola Blazer TT	32		118	117	116	125
Hyola Defender CT	10					124
HyTTec Trifecta	39	127	126	117	119	123
PY520TC	13				112	122
RGT Baseline TT	16				108	119
HyTTec Trophy	47	122	120	111	114	117
InVigor T 4511	20				111	111
InVigor LT 4530P	23			105	103	102
ATR Bonito	39	85	88	93	90	90

GRDC NVT MID TRIALS VIC LONG TERM CANOLA VARIETY	Group Mean Yield Trials	2018 1.70 t/ha 7	2019 1.96 t/ha 9	2020 2.95 t/ha 8	2021 3.02 t/ha 10	2022 2.93 t/ha 9
Hyola Defender CT	9					127
Hyola Blazer TT	28		115	116	117	123
PY520TC	13				115	121
RGT Baseline TT	18				112	120
SF Dynatron TT	31		113	113	111	119
HyTTec Trifecta	36	117	115	115	118	118
HyTTec Trophy	43	111	110	111	113	114
InVigor T 4511	16				109	109
InVigor LT 4530P	25			104	98	104
ATR Bonito	23	92	95	94	90	94

GRDC NVT MID TRIALS SA LONG TERM CANOLA VARIETY	Group Mean Yield Trials	2018 1.61 t/ha 3	2019 1.74 t/ha 6	2020 2.15 t/ha 6	2021 2.45 t/ha 7	2022 2.91 t/ha 6
Hyola Blazer TT	19			116	116	118
Hyola Defender CT	6					118
HyTTec Trifecta	26	115	118	116	117	115
SF Dynatron TT	18		112	117	110	115
PY520TC	11				112	115
RGT Baseline TT	11				105	114
HyTTec Trophy	28	112	112	112	115	111
InVigor T 4511	13				111	108
InVigor LT 4530P	8				100	105
ATR Bonito	12	92		96		94

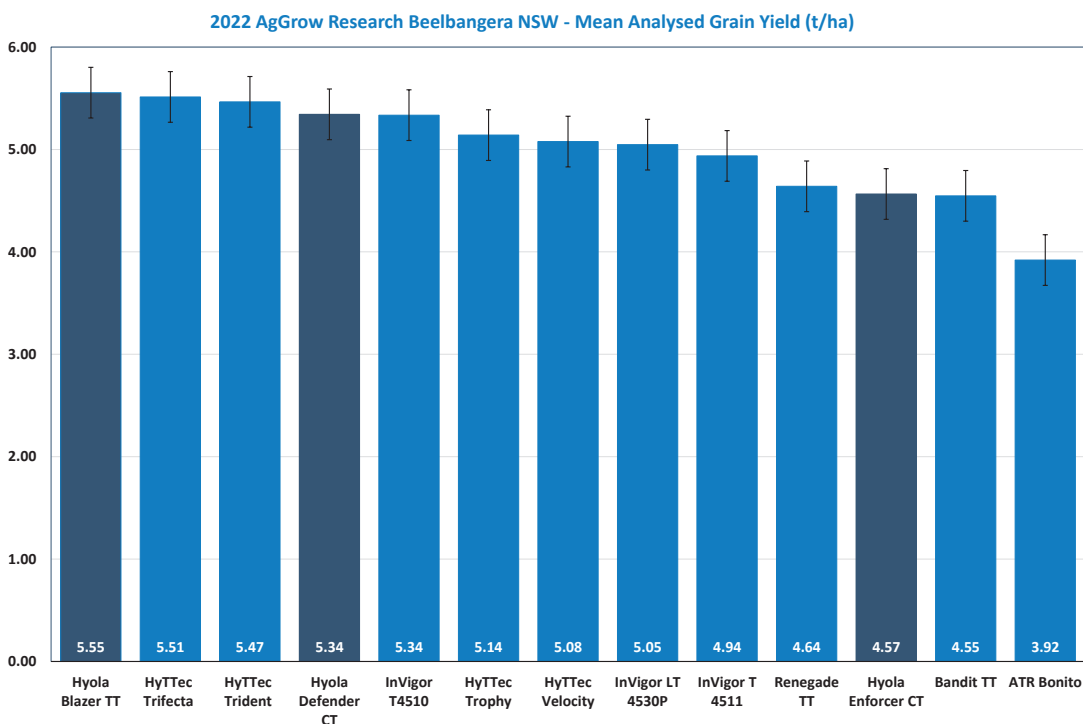
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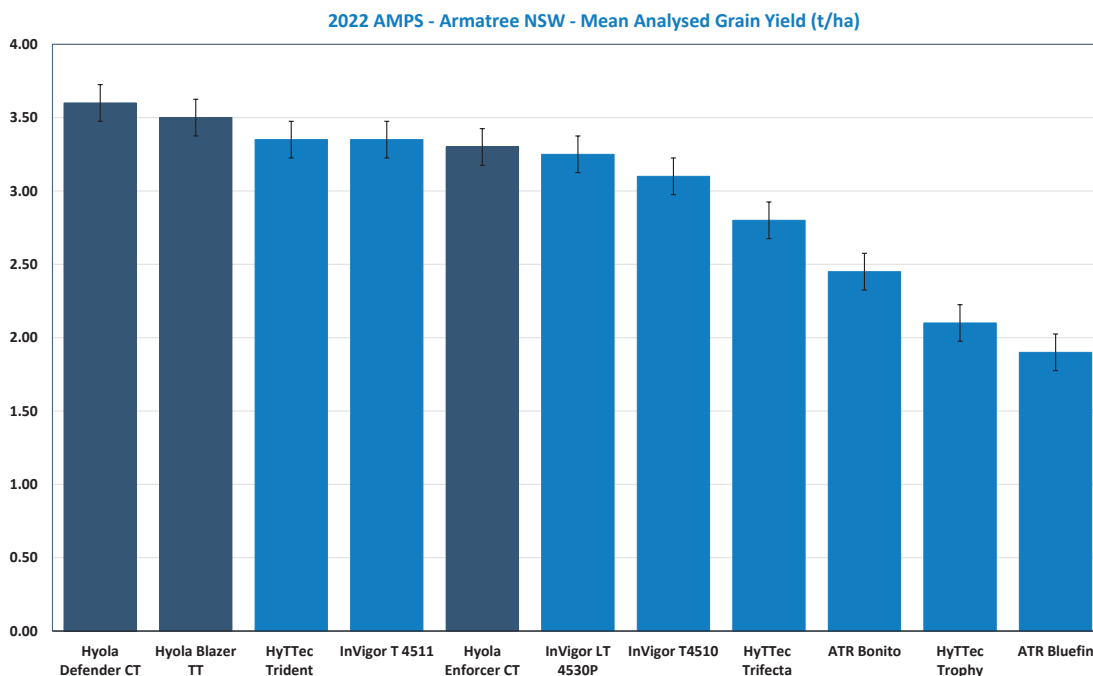
INDUSTRY LEADING NVT MET YIELD PERFORMANCE

INDEPENDENT INDUSTRY TRIAL RESULTS

Highlighting high yield performance



Data supplied and courtesy of AgGrow



Data supplied and courtesy of AMPS

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