

HYOLA BLAZER TT



TRIAZINE TOLERANT

Australia's new benchmark high yielding mid-early season TT hybrid from Pacific Seeds



HYBRID ATTRIBUTES

Hyola Blazer TT has demonstrated in GRDC NVT Independent Mid TT trial results across Australia to be equal top yielding with HyTTec Trifecta.

Hyola Blazer TT has also shown higher grain yields in many environments across Australia over varieties like HyTTec Trophy TT, InVigor T4510, SF Dynatron TT, InVigor T6010, SF Ignite TT and HyTTec Trident.

Hyola Blazer TT is also consistently showing 10% to 25% higher yields, i.e. (250kg to 750kg/ha higher) than OP TT varieties, such as ATR Bonito or ATR Wahoo across independent trials.

Oil % content has shown to be similar to HyTTec Trifecta and between 0.5 to 1.0% higher than HyTTec Trophy and InVigor T4510 across many trial environments

Excellent blackleg Triple-gene rating of R, much higher resistance than all OP TT varieties and some Hybrid TT varieties.

Excellent early vigour providing higher weed suppression and IWM value characteristics than OP TT varieties

Shorter more compact plant height with excellent lodging resistance ideal for improved swathing or direct harvesting

Yield adaptability	1.5 - 4.5t/ha
Growing Zones	MRZ - HRZ
Blackleg Rating/Groups	R - ADF
Oil potential	High
Herbicide tolerance	TT
Maturity	Mid - Early
Plant vigour	7.5
Plant height	Medium
#Lodging resistance	9.0
*Shatter tolerance	8.0
^Hectolitre weight	8.0
Growing regions	NSW, SA, Vic, WA, Tas
Irrigation/dryland	Both
Alternative to	HyTTec Trifecta, HyTTec Trophy, InVigor T4510, InVigor T6010, HyTTec Trident, ATR Bonito, ATR Wahoo, SF Ignite, SF Dynatron TT

P) Indicates provisional rating and blackleg groups from Pacific Seeds blackleg nurseries and R gene screening

Indicates observed visual rating from Pacific Seeds R&D internal replicated research trial evaluations

*Indicates preliminary blackleg groups screened from Pacific Seeds R&D internal disease nursery evaluations

**Indicates observed visual rating from Pacific Seeds R&D replicated research trial evaluations comparing Hyola products

^ Indicates calculated weight rating from Pacific Seeds R&D internal replicated research trial evaluations

Scale: 1 = poor - 9 = best

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2016-2020 GRDC NVT NSW Long Term Analysed Mid TT Results expressed across Yield Groups

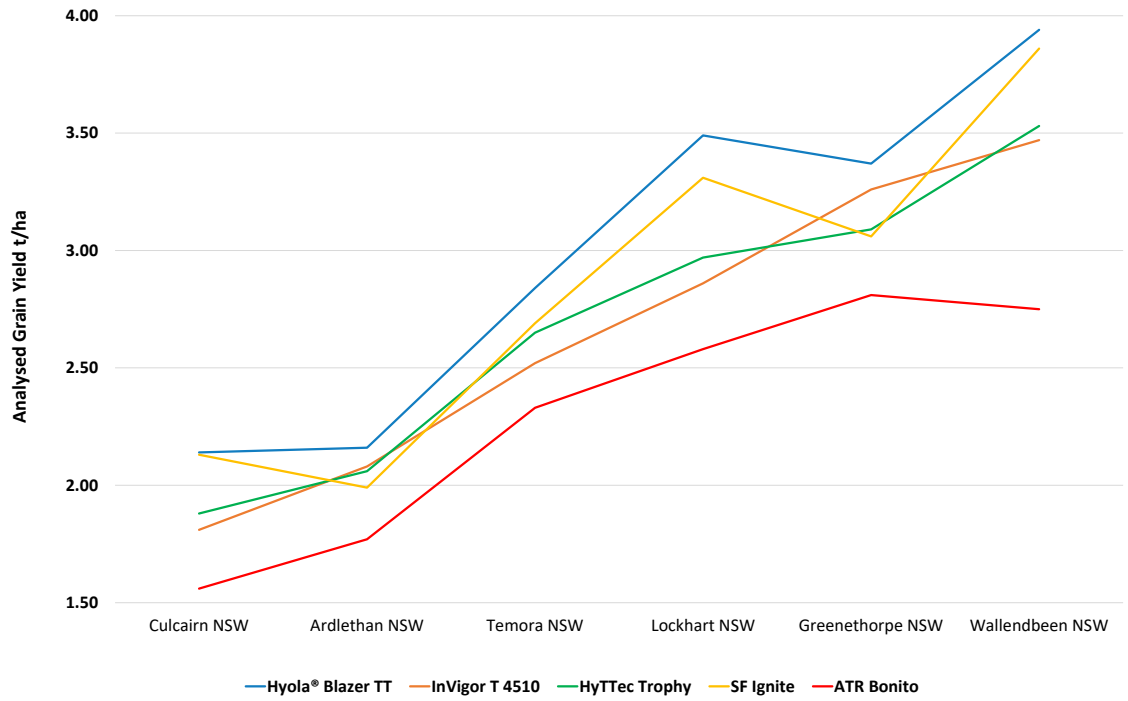
GRDC NVT MID 2016-2020 Variety	Yield Group Mean Yield # Trials	0.5 0.29 t/ha 3	1.0 0.69 t/ha 12	1.5 1.26 t/ha 8	2.0 1.70 t/ha 6	2.5 2.33 t/ha 11	3.0 2.72 t/ha 6	3.5 3.27 t/ha 3
Hyla Blazer TT	12	141	119	127	124	119	120	119
HyTtec Trifecta	19	164	129	126	130	126	126	120
SF Dynatron TT	13	149	123	123	121	123	121	116
InVigor T 6010	11	118	106	108	121	121	115	112
HyTtec Trophy	37	156	134	125	123	118	119	115
SF Ignite TT	39	103	100	102	113	117	114	112
InVigor T 4510	49	147	126	121	117	115	113	109
HyTtec Trident	24	177	151	135	126	113	121	116
Hyla Enforcer CT	15	136	123	116	109	109	112	109
Pioneer 45T03 TT	16	95	96	98	100	102	101	101
Pioneer 44T02 TT	32	139	127	117	105	96	102	101
ATR Wahoo	35	59	74	82	94	101	99	100
ATR Bonito	44	78	84	90	92	97	92	94
Monola H421TT	10	106	105	102	89	86	89	91
Monola 420TT	12	82	92	91	81	81	85	85

2016-2020 Long Term GRDC NVT NSW (Mid TT) Long Term Analysis by Yield Group for regions: NE, NW, SE, SW



2020 Pacific Seeds NSW Replicated Research & Development
Canola Trial Results

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2020 Pacific Seeds NSW replicated Breeding research trial results expressed as the mean analysed yield t/ha across environments in six locations where all five varieties were common.



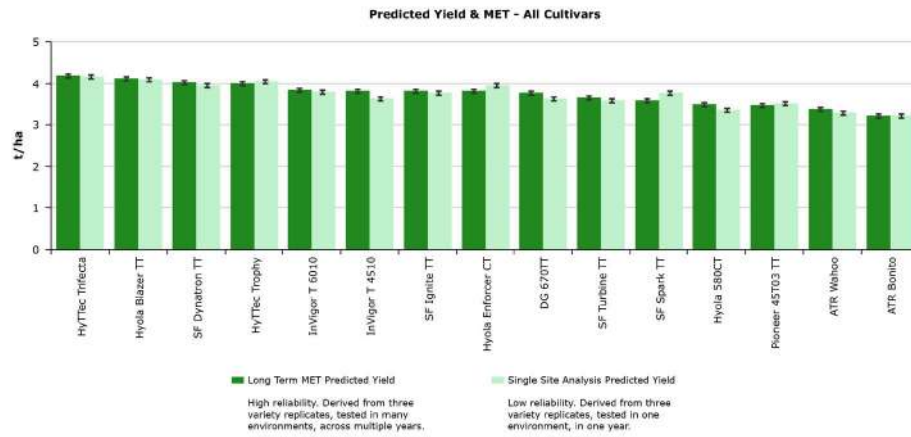


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2020 GRDC NVT NSW FEATURED INDIVIDUAL TRIAL RESULTS

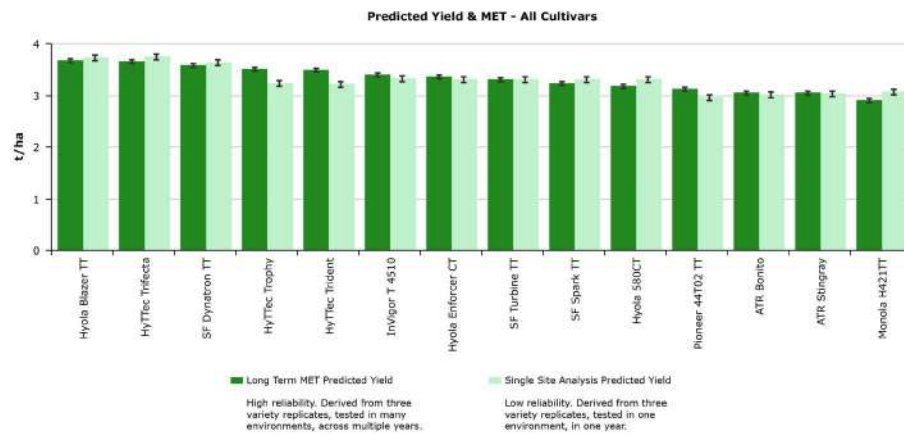
Cootamundra, NSW - Canola - Mid Triazine Tolerant, 2020

Long Term MET Predicted Yield and Single Site Analysis



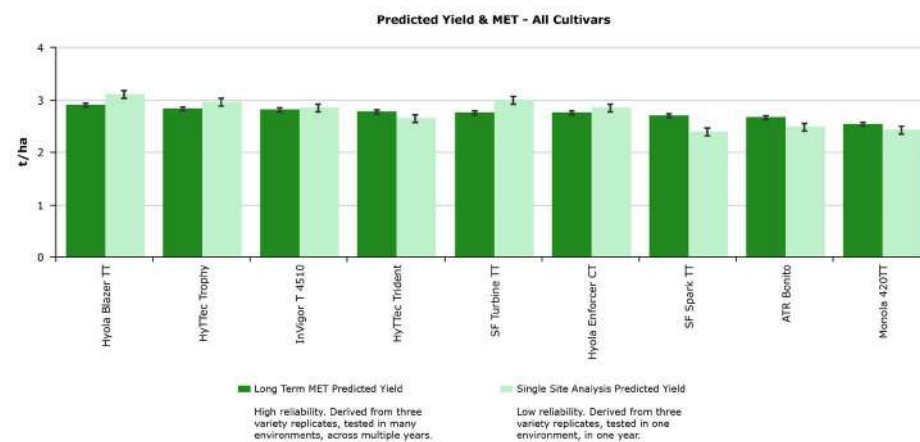
Lockhart, NSW - Canola - Mid Triazine Tolerant, 2020

Long Term MET Predicted Yield and Single Site Analysis



Mullaley, NSW - Canola - Mid Triazine Tolerant, 2020

Long Term MET Predicted Yield and Single Site Analysis



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2016-2020 GRDC NVT WA Long Term Analysed Mid TT Results expressed across Yield Groups

GRDC NVT MID 2016-2020 Variety	Yield Group Mean Yield # Trials	1.0 0.82 t/ha 2	1.5 1.29 t/ha 6	2.0 1.75 t/ha 11	2.5 2.31 t/ha 15	3.0 2.70 t/ha 9	3.5 3.25 t/ha 6
HyTTec Trifecta	25		118	118	120	120	123
Hyola Blazer TT	9	111		115	118	119	120
SF Dynatron TT	12	113	114	115	116	116	119
HyTTec Trident	20	123	122	115	118	115	
HyTTec Trophy	36	116	116	114	115	114	118
InVigor T 6010	13			110	111	112	112
SF Ignite TT	46	100	101	107	109	112	109
InVigor T 4510	49	113	113	111	111	109	114
Hyola Enforcer CT	17	111	110	108	109	109	111
Pioneer 45T03 TT	14		99	100	100	101	
Pioneer 44T02 TT	19		111	104	103	100	106
ATR Wahoo	13		89	95	97	100	94
ATR Bonito	43	93	93	96	94	95	93
ATR Stingray	15	91	91	94	93	94	92
Monola H421TT	4	102	101	96	93		
Monola 420TT	3	96	95		89		

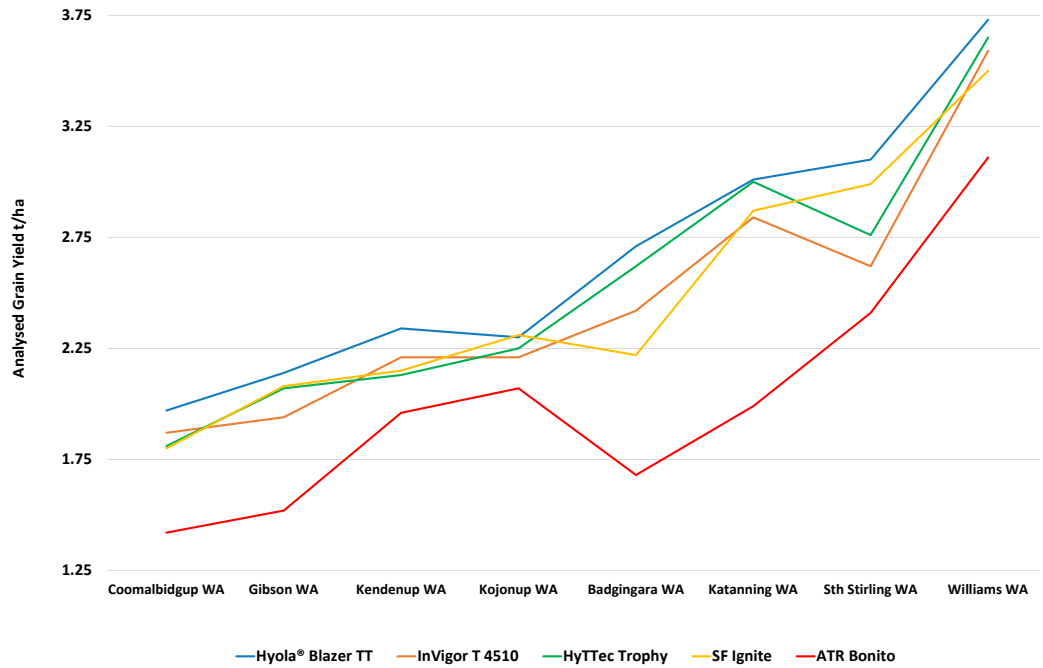
2016-2020 Long Term GRDC NVT WA (Mid TT) Long Term Analysis by Yield Group for regions: AgZone 2, AgZone 3, AgZone 5 & AgZone 6





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2020 Pacific Seeds WA Replicated Research & Development
Canola Trial Results



2020 Pacific Seeds WA replicated Breeding research trial results expressed as the mean analysed yield t/ha across environments in eight locations where all five varieties were common.

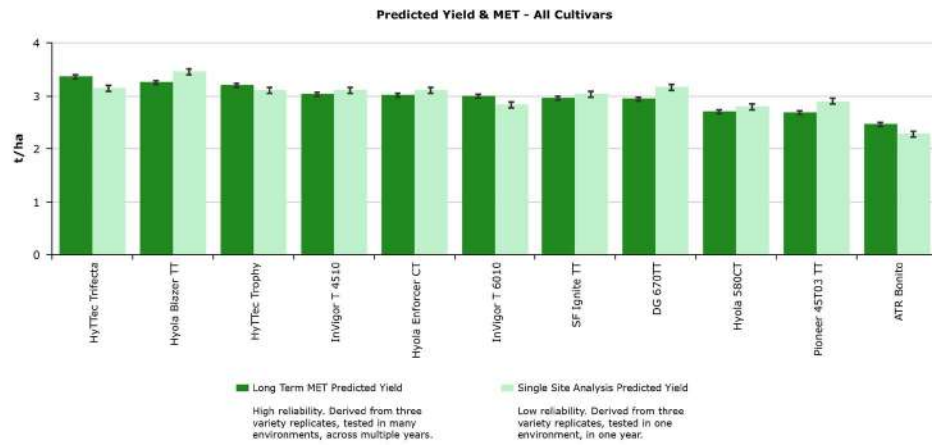




2020 GRDC NVT WA FEATURED INDIVIDUAL TRIAL RESULTS

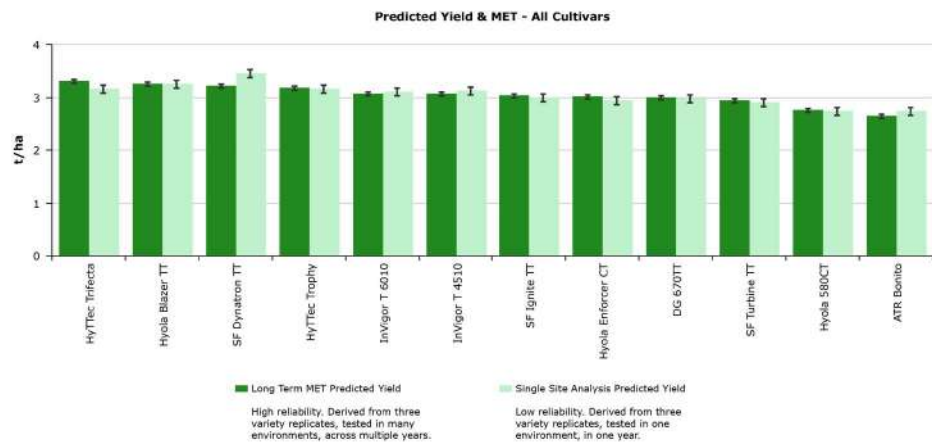
Gibson, WA - Canola - Mid Triazine Tolerant, 2020

Long Term MET Predicted Yield and Single Site Analysis



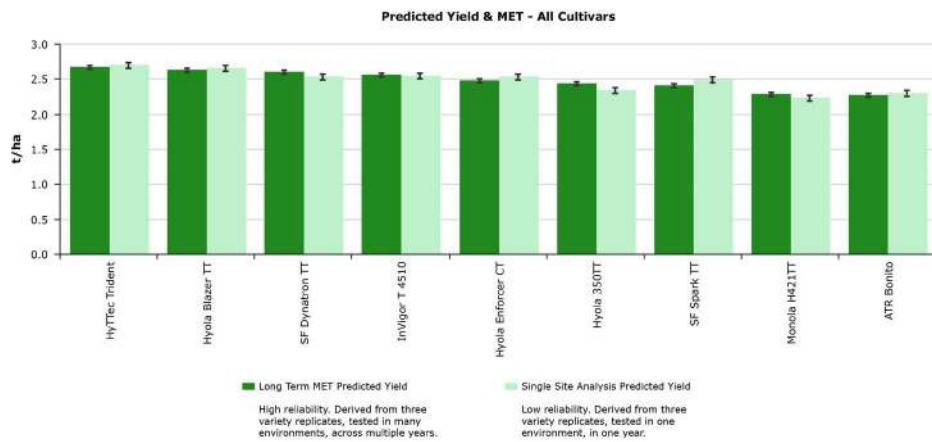
Kendunup, WA - Canola - Mid Triazine Tolerant, 2020

Long Term MET Predicted Yield and Single Site Analysis



Nyabing, WA - Canola - Early Triazine Tolerant, 2020

Long Term MET Predicted Yield and Single Site Analysis



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2016-2020 GRDC NVT VIC Long Term Analysed Mid TT Results expressed across Yield Groups

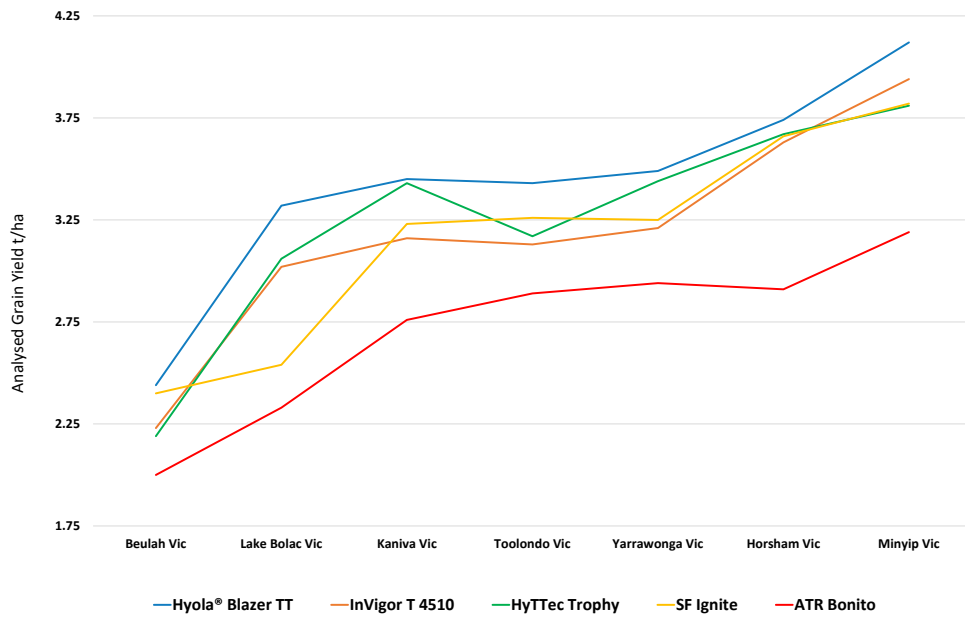
GRDC NVT MID 2016-2020 Variety	Yield Group Mean Yield # Trials	1.0 0.80 t/ha 2	1.5 1.32 t/ha 4	2.0 1.78 t/ha 6	2.5 2.37 t/ha 7	3.0 2.77 t/ha 11	3.5 3.25 t/ha 4	4.0 3.72 t/ha 4
Hyola Blazer TT	9	116	123	122	120	119	117	113
HyTTec Trifecta	16	122	119	122	122	122	119	119
SF Dynatron TT	12	122	120	116	120	119	117	117
InVigor T 6010	15	117	117	112	119	117	116	116
HyTTec Trophy	31	118	116	114	115	115	114	113
SF Ignite TT	34	107	109	108	116	115	113	113
InVigor T 4510	36	120	117	112	113	112	111	109
HyTTec Trident	16	113	110	112	110	112	110	110
Hyola Enforcer CT	15	109	107	107	108	108	107	107
Pioneer 45T03 TT	15	100	101	100	102	101	101	101
ATR Wahoo	19		94	97	102	101	101	101
ATR Bonito	24	100	100	97	98	97	98	97
Monola 420TT	17	87	87	90	83	85	86	86
Pioneer 44T02 TT	13	103	100	101	95			97
Monola H421TT	9	97	95	95	88	88		

2016-2020 Long Term GRDC NVT VIC Mid TT Long T Term Analysis by Yield Group or regions North Central, North East, South West, Wimmera



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2020 Pacific Seeds VIC Replicated Research & Development Canola Trial Results



2020 Pacific Seeds VIC replicated Breeding research trial results expressed as the mean analysed yield t/ha across environments in seven locations where all five varieties were common.

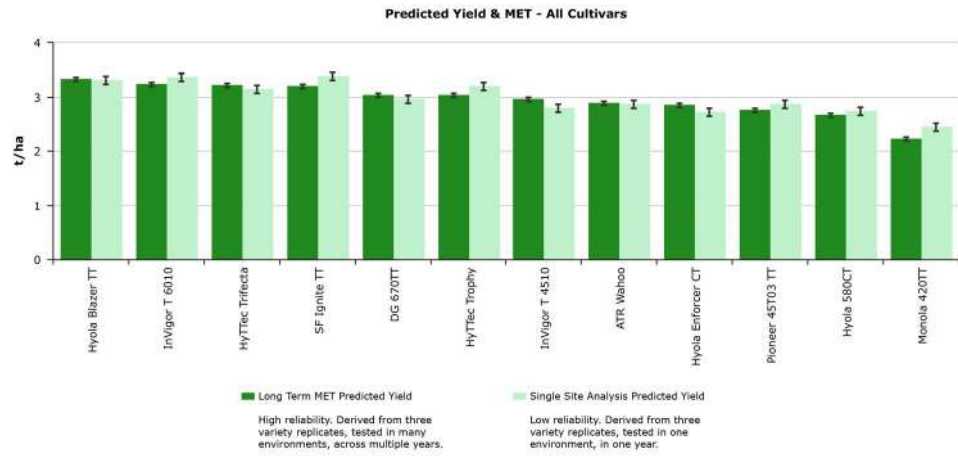




2020 GRDC NVT VIC FEATURED INDIVIDUAL TRIAL RESULTS

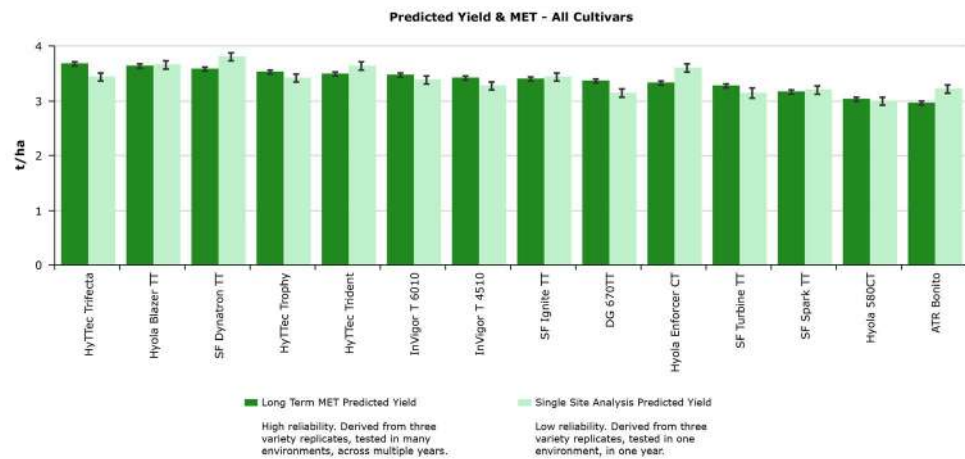
Hamilton, Vic - Canola - Mid Triazine Tolerant, 2020

Long Term MET Predicted Yield and Single Site Analysis



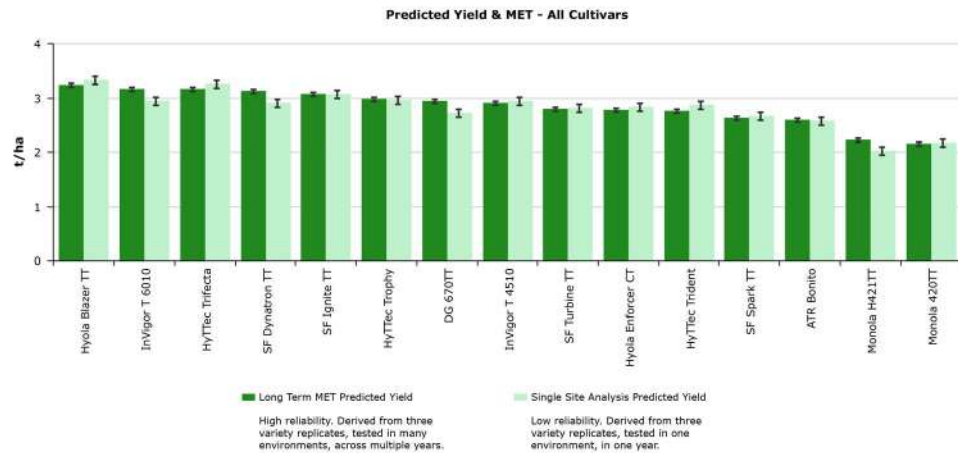
Horsham, Vic - Canola - Mid Triazine Tolerant, 2020

Long Term MET Predicted Yield and Single Site Analysis



Wunghnu, Vic - Canola - Mid Triazine Tolerant, 2020

Long Term MET Predicted Yield and Single Site Analysis



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2016-2020 GRDC NVT SA Long Term Analysed Mid TT Results expressed across Yield Groups

GRDC NVT MID 2016-2020 Variety	Yield Group Mean Yield # Trials	1.5 1.30 t/ha 6	2.0 1.82 t/ha 3	2.5 2.33 t/ha 7	3.0 2.71 t/ha 7	3.5 3.36 t/ha 1
HyTTec Trifecta	12	120	123	120	124	
Hyola Blazer TT	6	114	119	118	122	
SF Dynatron TT	8	117		117	120	
HyTTec Trophy	19	118	119	116	118	107
HyTTec Trident	11	121		117	117	
InVigor T 4510	24	117	119	112	114	107
InVigor T 6010	12	109	115	112	115	
Hyola Enforcer CT	12	110	110	109	110	
SF Ignite TT	21	102	107	109	112	111
Pioneer 44T02 TT	10	110	105	103	102	93
Pioneer 45T03 TT	10	99	100	100	101	
ATR Bonito	14	95	98	95	95	102
ATR Wahoo	9			96	97	
Monola H421TT	7	101		94	92	
Monola 420TT	6	92		89	86	

2016-2020 Long Term GRDC NVT SA Mid TT Long Term Analysis across regions: Lower EP, Mid North, South East, Yorke Peninsula

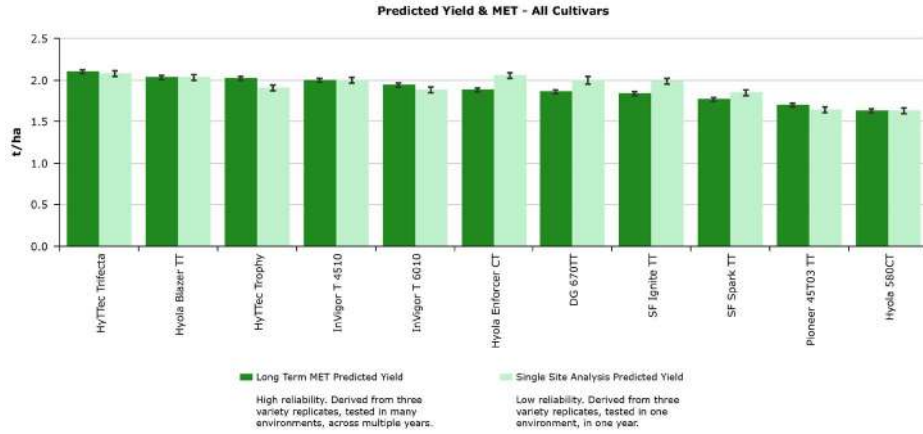


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2020 GRDC NVT SA FEATURED INDIVIDUAL TRIAL RESULTS

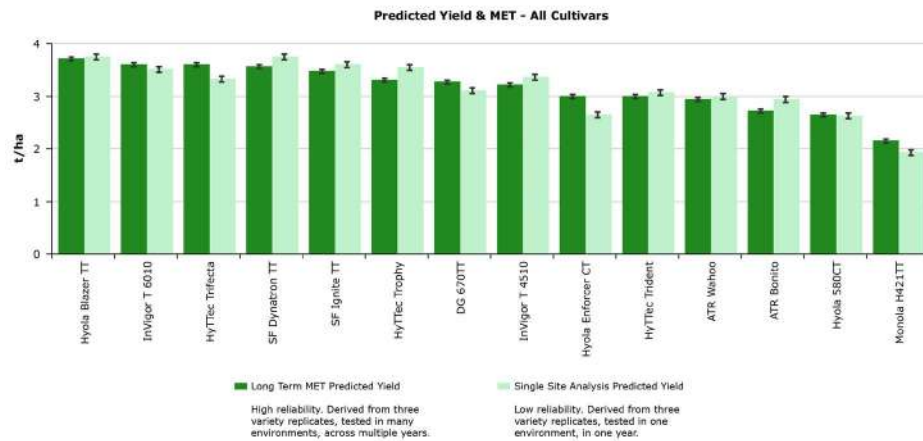
Yeelanna, SA - Canola - Mid Triazine Tolerant, 2020

Long Term MET Predicted Yield and Single Site Analysis



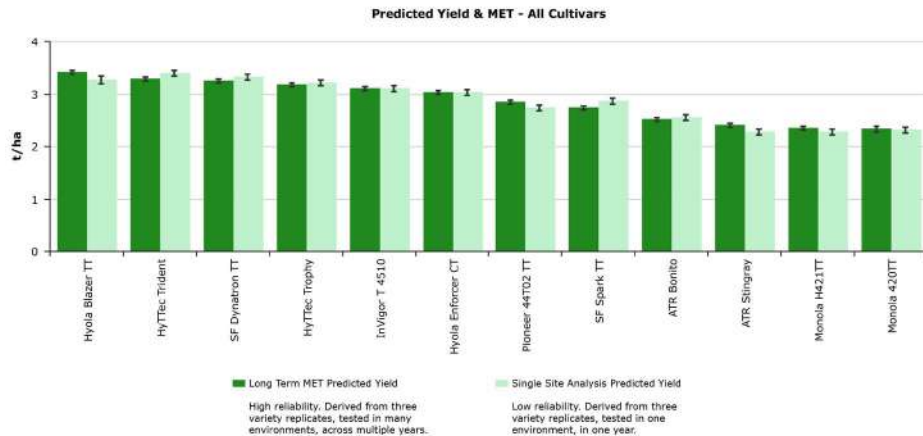
Frances, SA - Canola - Mid Triazine Tolerant, 2020

Long Term MET Predicted Yield and Single Site Analysis



Keith, SA - Canola - Early Triazine Tolerant, 2020

Long Term MET Predicted Yield and Single Site Analysis





2016-2020 GRDC NVT Australian Long Term Analysed Mid TT Results

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GRDC NVT MID	Yield Group	0.5	1.0	1.5	2.0	2.5	3.0	3.5
2016-2020	Mean Yield	0.29 t/ha	0.71 t/ha	1.30 t/ha	1.76 t/ha	2.33 t/ha	2.74 t/ha	3.24 t/ha
Variety	# Trials	3	15	21	21	35	31	12
HyTTec Trifecta	64	164	134	123	122	123	123	120
Hyola Blazer TT	35	141	122	116	120	122	122	119
SF Dynatron TT	39	149	126	119	119	120	120	117
HyTTec Trophy	109	156	130	120	117	117	117	115
HyTTec Trident	60	177	144	124	117	114	115	114
InVigor T 6010	50	118	108	109	114	117	116	113
InVigor T 4510	140	147	124	118	114	113	112	111
SF Ignite TT	124	103	101	103	110	114	114	111
DG 670TT	118	115	108	107	109	111	111	109
Hyola Enforcer CT	55	136	120	112	110	109	109	108
Pioneer 44T02 TT	62	139	122	111	103	99	99	101
Pioneer 45T03 TT	54	95	97	99	100	101	101	101
ATR Wahoo	76	59	78	87	95	99	100	99
ATR Bonito	112	78	87	94	95	96	95	96
ATR Stingray	37		83	91	93	95	94	94
Monola H421TT	26	106	103	100	93	90	89	92
Monola 420TT	35	82	91	91	88	85	85	88

2016-2020 Long Term GRDC NVT Australian Mid TT Trial Analysis across state growing regions: NSW - NE, NW, SE, SW, WA - AgZone 2, AgZone 3, AgZone 5 & AgZone 6, VIC - North Central, North East, South West, Wimmera, and SA - Lower EP, Mid North, South East, Yorke Peninsula expressed as Yield Groups.

