



HYOLA REGIMENT XC

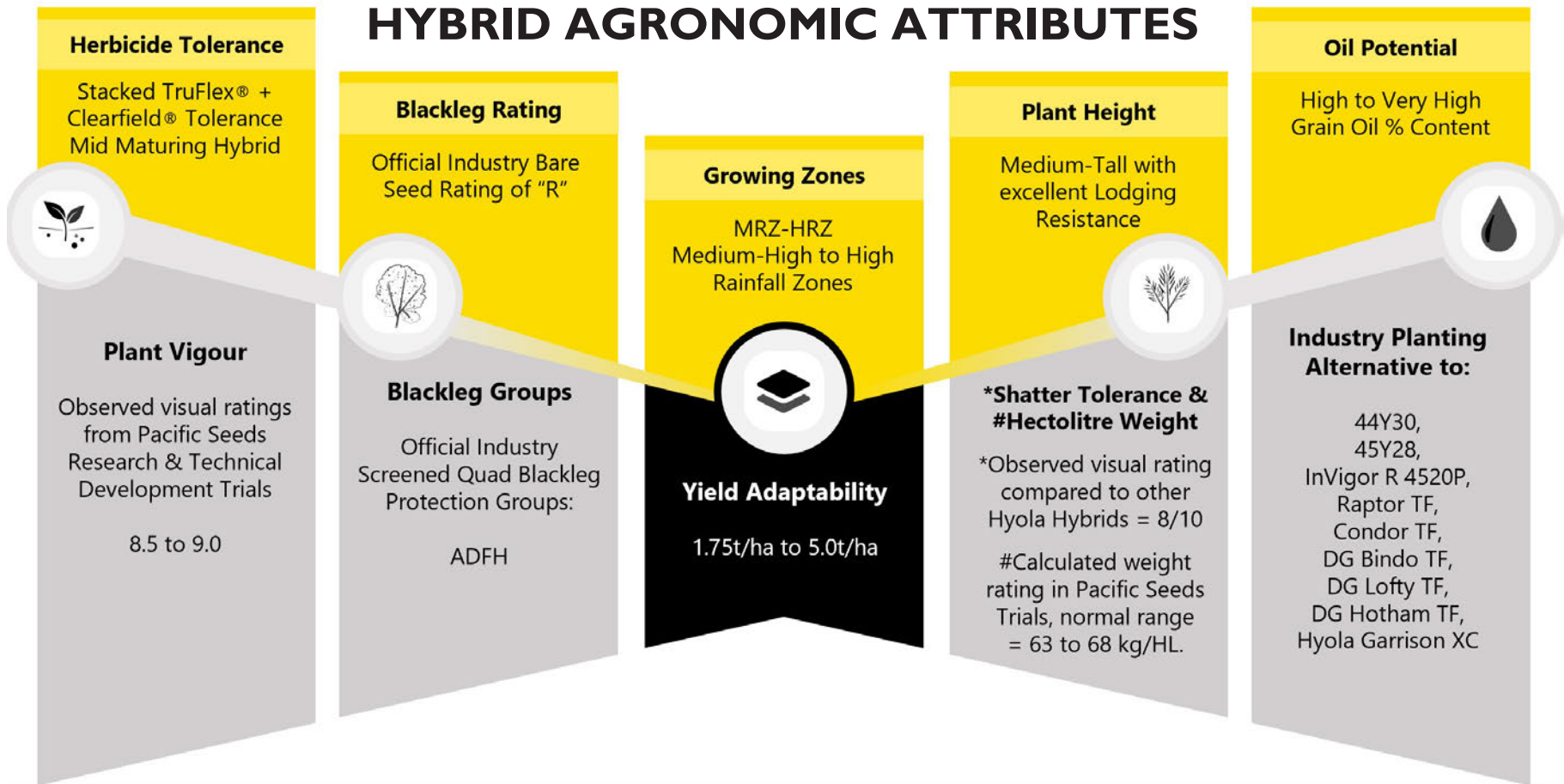
TruFlex® + Clearfield® Stacked Technology Protecting Growers' Investment & Returns



NEW

CANOLA

HYBRID AGRONOMIC ATTRIBUTES





HYOLA REGIMENT XC



Delivering Flexible Solution Driven Profits to Canola Growers

CANOLA

XC Technology

IMI Soil Carryover Crop Protection benefits

Over Single Trait TruFlex Technology**.
Increased Grain Yield 300kg/ha - 2590kg/ha
Increased Gross Returns \$129/ha - \$1553/ha

Delivering Competitive Hybrid Grain Yields

Compared to TruFlex or Roundup Ready Technology.
Often, no significant difference with some popular TruFlex or Roundup Ready hybrids in GRDC NVT trial sites

Delivering Higher Yields and Gross Returns

Over Single Trait OP TT Canola***.
Increased Grain Yield 150kg/ha - 1060kg/ha
Increased Gross Returns \$90/ha - \$636/ha

Stacked

Benefits

Increased Ryegrass Control Efficacy

Over Single Trait OP TT Technology***.
Increased Ryegrass Weed Control – up to 23%
Increased Ryegrass Spikelet Control – up to 92%

IWM Resistance Management

More flexible rotations
Increase growers pre-em efficacy through a mix and rotate strategy

IMI Boom Spray Contamination Benefits

Over Single Trait TruFlex Technology*.
Increased Grain Yield 140kg/ha - 350kg/ha
Increased Gross Returns \$76/ha - \$198/ha

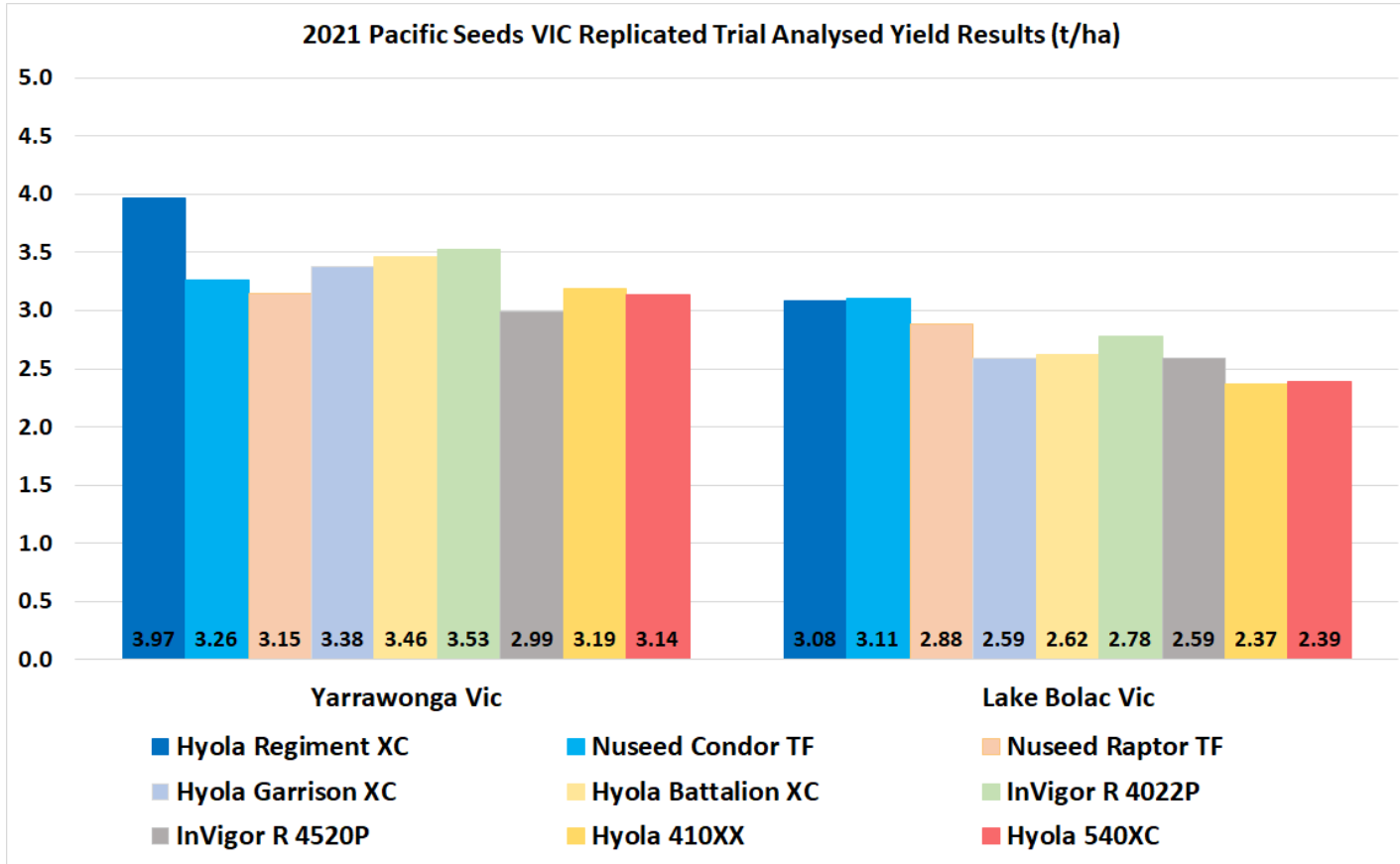


HYOLA REGIMENT XC



DELIVERING NEW BENCHMARK YIELD LEVELS TO VIC GROWERS

CANOLA



Yarrowonga Vic Analysis Summary
CV: 7.997
LSD: 0.303
Mean: 3.128

Lake Bolac Vic Analysis Summary
CV: 12.360
LSD: 0.385
Mean: 2.440



HYOLA REGIMENT XC



Hyola® Regiment XC - 2021 Yarrowonga Vic Trial Analysed Grain Yield of 3.97t/ha



Hyola® Regiment XC - 2021 Lake Bolac Vic Trial Analysed Grain Yield of 3.08t/ha



HYOLA REGIMENT XC



VIC LONG TERM 2017 - 2021 GRDC NVT MRZ - HRZ GLY RESULTS

Grain Yield Color Key:

	High to very High Yielding Performance = Consistent Light Green to Darker Green Colors across Locations and Years
	Moderate to High yielding Performance = Consistent Yellow to Light Green Colors across Locations and Years
	Lower to Moderate Yielding Performance = Consistent Dark Brown to Lighter Brown Colors across Locations and Years

Long Term Results Mid GLY 2017-2021 Variety	Year Mean Yield # Trials	2017 2.63 t/ha 9	2018 1.72 t/ha 7	2019 1.89 t/ha 8	2020 2.98 t/ha 8	2021 3.20 t/ha 9
Nuseed Condor TF	19			115	114	118
Pioneer 45Y28 RR	28	109	113		113	117
Hyola Regiment XC	6					116
Nuseed Raptor TF	20			108	109	116
InVigor R 4520P	25			125	119	112
Pioneer 44Y30 RR	11				116	111
Pioneer 44Y27 (RR)	24	106	108	108	110	111
DG Hotham TF	4					110
DG Bindo TF	6					107
Hyola Garrison XC	25			104	103	106
InVigor R 4022P	25			117	112	105
InVigor R 5520P	39	107	107	111	107	103
Hyola 410XX	20			101	100	102
DG Lofty TF	3					102
Hyola Battalion XC	9				101	101
Nuseed Emu TF	9			101	100	98
VICTORY V5003RR	38	95	94	93	95	98
Pioneer 43Y29 RR	22	111		118	115	
DG 408RR	14	105	108	108		
Nuseed GT-53	30	104	107	105	109	
InVigor R 3520	6		104	103		
Hyola 540XC	10			96	96	

Data Source: 2022 Grains Research and Development Corporation – Please refer to the NVT website for further information.

Long Term Mid GLY NVT 2017 - 2021 Trial Results: North Central, North East, South West, Wimmera Growing Environments

The Multi Environment Trial (MET) analysis produces the most accurate and reliable indicator of future variety performance.

MET analysis results are presented at an individual trial level but combine the robustness of a much larger dataset than the SSA.

The MET analysis is conducted on a five-year dataset that includes trials from a wide range of seasonal and environmental conditions.

The analysis can be conducted on more than 660 plots per variety (as opposed to 3 plots/variety in the SSA) to gain an accurate and reliable result.

This enables growers to select consistently high performing varieties.

The MET analysis cannot be conducted until all trials in a trial series have been harvested. The MET results are published 30 days following harvest of the final trial.



CANOLA



HYOLA REGIMENT XC



WIMMERA VIC SINGLE SITE GRDC NVT GLY ANALYSED YIELD RESULTS

Grain Yield Color Key:

	High to very High Yielding Performance = Consistent Light Green to Darker Green Colors across Locations and Years
	Moderate to High yielding Performance = Consistent Yellow to Light Green Colors across Locations and Years
	Lower to Moderate Yielding Performance = Consistent Dark Brown to Lighter Brown Colors across Locations and Years

State	VIC	VIC	VIC	VIC	VIC	VIC
Region	Wimmera	Wimmera	Wimmera	Wimmera	Wimmera	Wimmera
Locality	Horsham	Horsham	Kaniva	Kaniva	Kaniva	Minyip
Crop Type	Canola	Canola	Canola	Canola	Canola	Canola
Trial ID	CHGA20HORS3	CHGA21HORS3	CHGA19KANI3	CHGA20KANI3	CHGA21KANI3	CHGA19MINY3
Variety Name	tonnes/ha	tonnes/ha	tonnes/ha	tonnes/ha	tonnes/ha	tonnes/ha
Hyola Regiment CL	-	2.49	-	-	3.88	-
DG Bindo TF	-	2.41	-	-	3.49	-
DG Hotham TF	-	2.22	-	-	3.95	-
DG 408RR	-	-	2.09	-	-	1.69
Hyola 404RR	-	-	-	-	-	-
Hyola 410XX	3.13	2.10	1.84	3.19	3.54	1.79
Hyola 540XC	-	-	1.86	-	-	1.72
Hyola Garrison XC	3.43	2.07	2.15	3.48	3.38	2.24
Hyola Battalion XC	3.27	2.31	-	3.17	3.46	-
InVigor R 3520	-	-	1.92	-	-	2.10
InVigor R 4022P	3.86	2.87	2.14	3.39	3.43	2.45
InVigor R 4520P	4.05	2.80	2.15	3.72	3.58	2.41
InVigor R 5520P	3.71	2.49	1.81	2.80	3.20	1.94
Nuseed Condor TF	3.90	2.67	2.06	3.28	3.82	2.18
Nuseed Emu TF	3.64	-	-	3.16	-	-
Nuseed GT-53	3.66	-	1.98	3.47	-	1.50
Nuseed Raptor TF	3.47	2.54	2.01	3.54	3.83	1.70
Pioneer 44Y27 (RR)	3.64	-	2.13	3.66	-	1.75
Pioneer 44Y30 RR	3.88	2.30	-	3.74	3.62	-
Pioneer 45Y28 RR	4.20	2.57	-	3.54	3.68	-
VICTORY V5003RR	3.25	2.12	1.73	2.89	3.33	1.74
VICTORY V55-04TF	-	2.12	-	-	3.33	-
Site Mean (t/ha)	3.63	2.44	2.00	3.29	3.55	1.98
CV (%)	6.69	5.58	5.68	4.31	3.90	4.46
Probability	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
LSD (t/ha)	0.40	0.22	0.18	0.24	0.24	0.15
AnalysisDate	24-Dec-2020	08-Dec-2021	09-Jan-2020	07-Dec-2020	08-Dec-2021	09-Jan-2020
SowingDate	22-Apr-2020	11-May-2021	07-May-2019	04-May-2020	15-May-2021	01-May-2019

Single Site Trial Results: 2022 Grains Research and Development Corporation – 2019, 2020 & 2021 National Variety GLY Trials. Please refer to the NVT website for further information.
 The results of the Single Site Analyses (SSA) are available quickly after harvest (about 14 days) to provide growers a descriptive representation of what happened in the environmental conditions ONLY at that trial. The SSA is conducted on a single trial at a single location in a single season. These results are derived from three variety replicates, tested in one environment, in one year. The SSA is less accurate and less reliable than the Multi Environment Trial at predicting long term variety performance for a location and should only be considered in context of the season experienced. The weakness of the SSA is that it has a low reliability to be able to repeat its results. For example, if the environmental conditions changed so would the variety rankings. Analysed trial yields in tonnes/ha and expressed as % of Trial Mean Yield. Always use LSD values to compare selected varieties in Single sites to determine if any significant differences between them



CANOLA



HYOLA REGIMENT XC



NORTH CENTRAL VIC SINGLE SITE GRDC NVT GLY ANALYSED YIELD RESULTS

Grain Yield Color Key:

High to very High Yielding Performance = Consistent Light Green to Darker Green Colors across Locations and Years
 Moderate to High yielding Performance = Consistent Yellow to Light Green Colors across Locations and Years
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State	VIC	VIC	VIC	VIC	VIC	VIC
Region	North Central	North Central	North Central	North Central	North Central	North Central
Locality	Charlton	Charlton	Charlton	Diggora	Diggora	Diggora
Crop Type	Canola	Canola	Canola	Canola	Canola	Canola
Trial ID	CHGA19CHAR3	CHGA20CHAR3	CHGA21CHAR3	CHGA19DIGG3	CHGA20DIGG3	CHGA21DIGG3
Variety Name	tonnes/ha	tonnes/ha	tonnes/ha	tonnes/ha	tonnes/ha	tonnes/ha
Hyola Regiment CL	-	-	2.82	-	-	3.58
DG Bindo TF	-	-	2.61	-	-	3.25
DG Hotham TF	-	-	-	-	-	-
DG Lofty TF	-	-	2.30	-	-	3.05
DG 408RR	2.46	-	-	1.09	-	-
Hyola 404RR	-	-	-	-	-	-
Hyola 410XX	2.37	2.40	2.40	1.20	2.96	3.22
Hyola 540XC	2.27	-	-	1.09	-	-
Hyola Garrison XC	2.50	2.35	2.69	-	2.95	3.51
Hyola Battalion XC	-	1.99	2.51	1.15	3.05	3.24
InVigor R 3520	2.46	-	-	1.15	-	-
InVigor R 4022P	2.64	2.75	2.85	1.40	3.13	3.38
InVigor R 4520P	2.86	2.79	2.96	1.58	3.44	3.60
InVigor R 5520P	2.27	2.55	-	1.29	3.09	-
Nuseed Condor TF	2.59	-	-	1.33	-	-
Nuseed Emu TF	-	2.28	2.56	-	3.17	3.34
Nuseed GT-53	2.63	-	-	1.11	-	-
Nuseed Raptor TF	2.43	2.44	2.59	1.14	2.77	3.63
Pioneer 44Y27 (RR)	2.33	2.62	2.68	1.08	3.23	3.62
Pioneer 44Y30 RR	-	-	-	-	-	-
Pioneer 45Y28 RR	-	-	-	-	-	-
VICTORY V5003RR	2.27	2.19	-	0.98	2.68	-
VICTORY V55-04TF	-	-	-	-	-	-
Site Mean (t/ha)	2.51	2.53	2.67	1.20	3.13	3.39
CV (%)	4.85	4.17	4.34	8.74	3.93	5.22
Probability	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
LSD (t/ha)	0.21	0.19	0.19	0.17	0.23	0.29
AnalysisDate	09-Jan-2020	07-Dec-2020	25-Nov-2021	27-Dec-2019	18-Dec-2020	08-Dec-2021
Sowing Date	09-May-2019	04-May-2020	05-May-2021	06-May-2019	05-May-2020	05-May-2021

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NORTH EAST VIC SINGLE SITE GRDC NVT GLY ANALYSED YIELD RESULTS

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State	VIC	VIC	VIC	VIC	VIC	VIC
Region	North East	North East	North East	North East	North East	North East
Locality	Wunghnu	Wunghnu	Wunghnu	Yarrowonga	Yarrowonga	Yarrowonga
Crop Type	Canola	Canola	Canola	Canola	Canola	Canola
Trial ID	CHGA19WUNG3	CHGA20WUNG3	CHGA21WUNG3	CHGA19YARR3	CHGA20YARR3	CHGA21YARR3
Variety Name	tonnes/ha	tonnes/ha	tonnes/ha	tonnes/ha	tonnes/ha	tonnes/ha
Hyola Regiment CL	-	-	3.87	-	-	3.61
DG Bindo TF	-	-	-	-	-	3.11
DG Hotham TF	-	-	-	-	-	2.81
DG Lofty TF	-	-	3.26	-	-	-
DG 408RR	0.91	-	-	1.46	-	-
Hyola 404RR	-	-	-	-	-	-
Hyola 410XX	0.83	2.64	-	1.45	3.41	-
Hyola 540XC	0.68	-	-	1.27	-	-
Hyola Garrison XC	0.83	2.70	3.51	1.64	3.60	2.79
Hyola Battalion XC	-	2.71	-	-	-	-
InVigor R 3520	-	-	-	-	-	-
InVigor R 4022P	1.30	2.73	3.14	2.32	3.63	3.03
InVigor R 4520P	1.38	2.77	3.29	2.31	3.80	2.90
InVigor R 5520P	1.16	2.84	3.05	1.83	3.45	2.84
Nuseed Condor TF	0.95	3.07	-	1.84	4.09	-
Nuseed Emu TF	-	2.65	-	1.96	3.59	-
Nuseed GT-53	0.81	2.52	-	1.61	3.60	-
Nuseed Raptor TF	0.86	2.52	3.51	1.59	4.00	2.79
Pioneer 44Y27 (RR)	1.04	2.24	-	1.51	3.72	-
Pioneer 44Y30 RR	-	2.68	-	-	3.73	-
Pioneer 45Y28 RR	-	2.36	3.73	-	3.59	2.62
VICTORY V5003RR	0.75	2.14	3.09	1.29	2.89	2.76
VICTORY V55-04TF	-	-	3.13	-	-	3.09
Site Mean (t/ha)	0.96	2.61	3.35	1.72	3.59	2.87
CV (%)	7.32	6.75	5.86	8.19	4.14	8.92
Probability	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
LSD (t/ha)	0.11	0.45	0.32	0.24	0.24	0.41
AnalysisDate	16-Jan-2020	30-Nov-2020	30-Nov-2021	27-Dec-2019	30-Nov-2020	08-Dec-2021
Sowing Date	05-May-2019	21-Apr-2020	06-May-2021	07-May-2019	28-Apr-2020	03-May-2021

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