



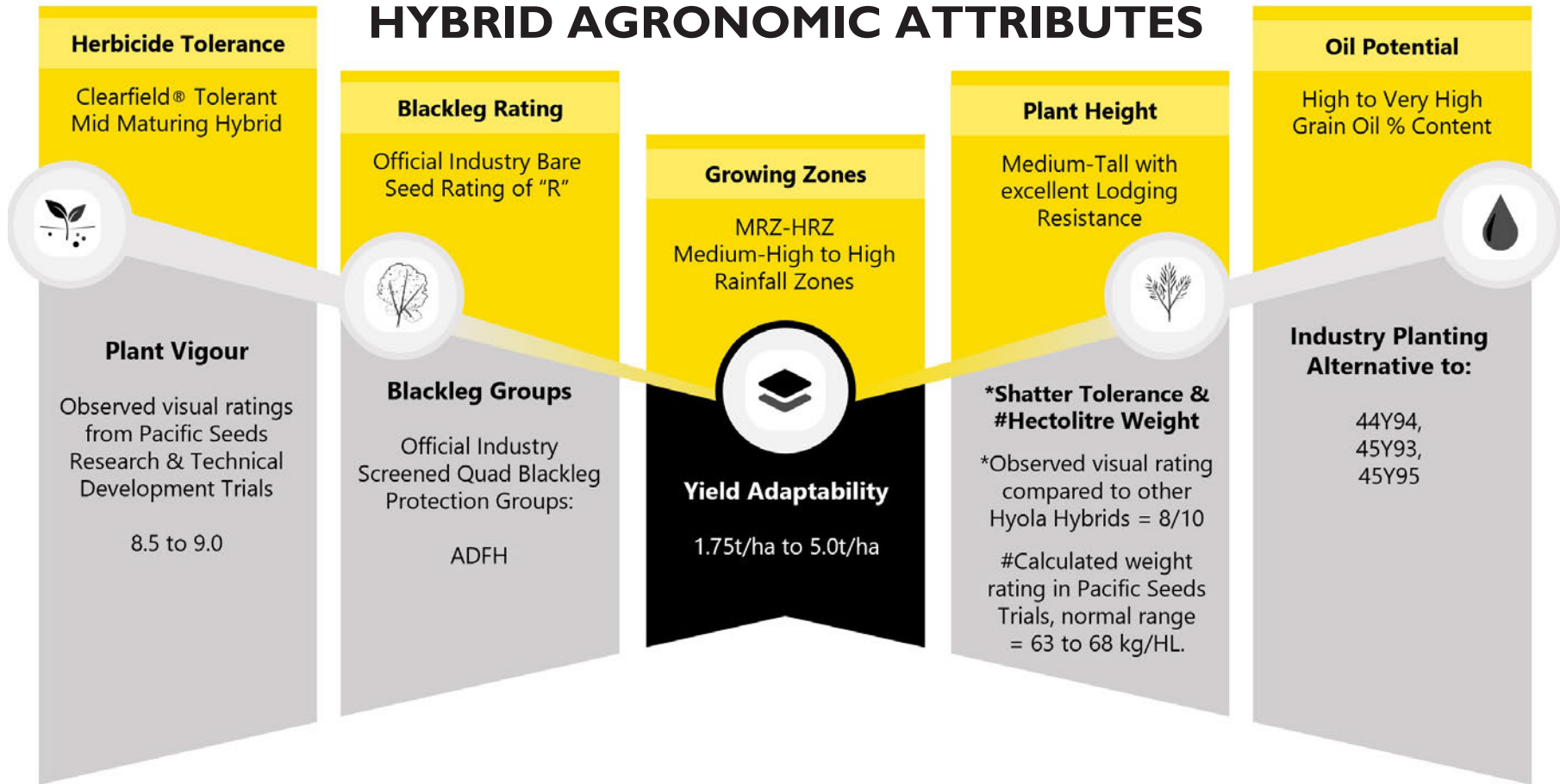
HYOLA SOLSTICE CL

Clearfield® Technology Protecting Growers' Investment with Unique Quad Blackleg Resistance



NEW

HYBRID AGRONOMIC ATTRIBUTES



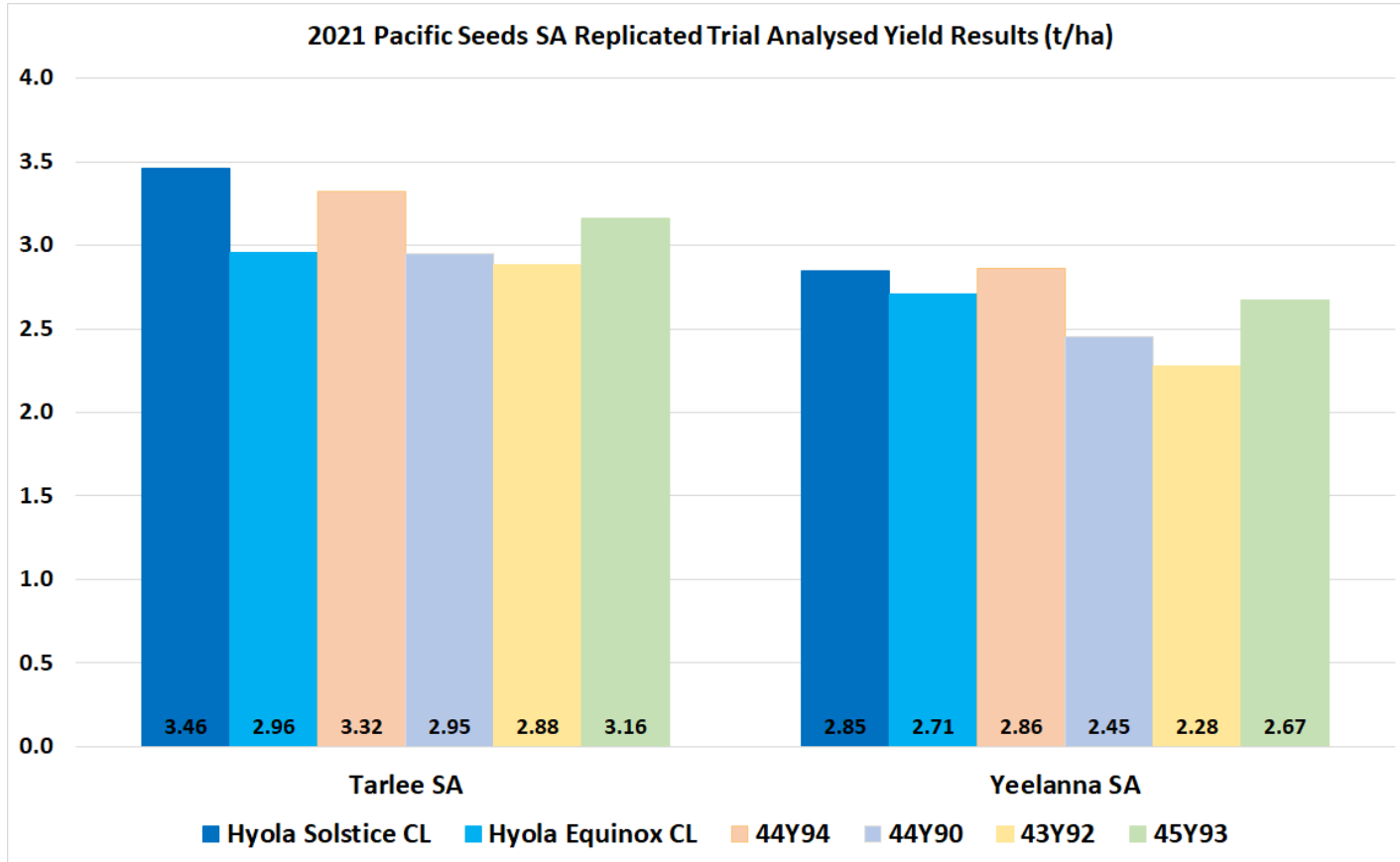


HYOLA SOLSTICE CL



DELIVERING HIGHLY COMPETITIVE YIELD LEVELS TO SA GROWERS

CANOLA



Tarlee SA Analysis Summary
CV: 5.957
LSD: 0.278
Mean: 2.897

Yeelanna SA Analysis Summary
CV: 10.378
LSD: 0.387
Mean: 2.321



HYOLA SOLSTICE CL



**Hyola® Solstice CL - 2021 Tarlee SA Trial
Analysed Grain Yield of 3.46t/ha**



**Hyola® Solstice CL - 2021 Yeelanna SA Trial
Analysed Grain Yield of 2.85t/ha**



HYOLA SOLSTICE CL



SA LONG TERM 2017 - 2021 GRDC NVT MRZ - HRZ CL 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 CL 2017-2021 Variety	Year Mean Yield # Trials	2017 2.79 t/ha 6	2018 1.96 t/ha 3	2019 1.96 t/ha 6	2020 2.21 t/ha 6	2021 2.62 t/ha 7
Pioneer 44Y94 CL	18			112	116	117
Pioneer 45Y95 (CL)	15		111	115		116
Hyola Solstice CL	7					110
Pioneer 45Y93 CL	23	108	105	107	112	109
Pioneer 43Y92 (CL)	12	103	104	108	108	105
Hyola Equinox CL	13				102	104
VICTORY V75-03CL	14		97	92	90	96
Pioneer 44Y90 (CL)	20	106	105	107	110	
Saintly CL	14	102	101	108		
Banker CL	9	102	99			
Pioneer 45Y91 (CL)	16	100	98	99	101	
VICTORY V7002CL	17	94	96	93	90	
Hyola 575CL	15	94	96	93		

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

Long Term Mid CL NVT 2017 - 2021 Trial Results: Lower EP, Mid North, South East, Yorke Peninsula Growing Environments of SA.

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



LOWER EP, MID NORTH & S/E SA SINGLE SITE GRDC NVT CL 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 Region Locality Crop Type Trial ID Variety Name	SA Lower EP Yeelanna Canola CHIA21YEEL5 tonnes/ha	SA Lower EP Mt Hope Canola CHIA21MTHO5 tonnes/ha	SA Yorke P Arthurton Canola CHIA21ARTH5 tonnes/ha
Hyola Solstice CL	2.32	2.16	3.00
Hyola Equinox CL	2.04	2.23	2.95
Pioneer 43Y92 (CL)	-	-	-
Pioneer 44Y94 CL	2.06	2.24	3.22
Pioneer 45Y93 CL	-	-	2.88
Pioneer 45Y95 (CL)	2.06	2.42	2.82
VICTORY V7002CL	-	-	-
VICTORY V75-03CL	-	-	-
Site Mean (t/ha)	1.99	2.07	2.89
CV (%)	7.21	6.15	4.81
Probability	<0.001	<0.001	<0.001
LSD (t/ha)	0.23	0.20	0.23
AnalysisDate	08-Dec-2021	25-Nov-2021	25-Nov-2021
Sowing Date	24-May-2021	24-May-2021	25-May-2021

State Region Locality Crop Type Trial ID Variety Name	SA Mid North Spalding Canola CHIA21SPAL5 tonnes/ha	SA Mid North Riverton Canola CHIA21RIVE5 tonnes/ha	SA Mid North Wasleys Canola CHIA21WASL5 tonnes/ha	SA South East Keith Canola CLIA21KEIT5 tonnes/ha	SA South East Frances Canola CHIA21FRAN5 tonnes/ha
Hyola Solstice CL	3.07	3.29	2.39	1.91	3.69
Hyola Equinox CL	3.02	3.14	2.24	-	3.91
Pioneer 43Y92 (CL)	3.13	3.31	2.45	2.09	-
Pioneer 44Y94 CL	3.40	3.53	2.45	2.11	4.42
Pioneer 45Y93 CL	3.27	3.33	2.73	-	4.12
Pioneer 45Y95 (CL)	3.55	3.67	2.94	-	4.24
VICTORY V7002CL	-	-	-	1.74	-
VICTORY V75-03CL	3.05	-	2.19	-	3.30
Site Mean (t/ha)	3.14	3.34	2.49	2.04	3.78
CV (%)	2.85	3.21	4.55	6.39	7.72
Probability	<0.001	<0.001	<0.001	0.012551964	<0.001
LSD (t/ha)	0.15	0.18	0.18	0.21	0.49
AnalysisDate	08-Dec-2021	08-Dec-2021	08-Dec-2021	25-Nov-2021	08-Dec-2021
Sowing Date	28-May-2021	27-May-2021	27-May-2021	17-May-2021	30-Apr-2021

Single Site Trial Results: 2022 Grains Research and Development Corporation – 2020 & 2021 National Variety CL 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





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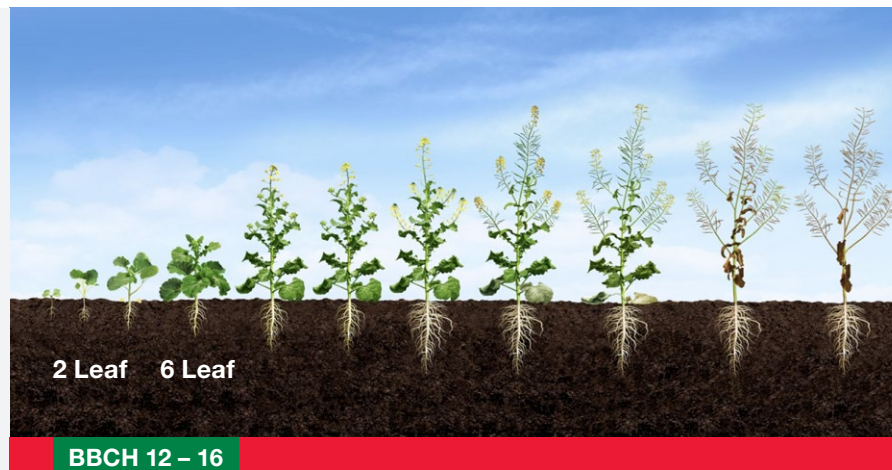


Delivering High Yields and Unique Quad Group Blackleg Resistance

CANOLA

Clearfield Canola

Apply to canola crop at the 2 to 6 leaf stage. Apply to actively growing weeds in the 3-leaf to 2-tiller stage and broadleaf weeds in the 2 to 6 leaf stage. DO NOT apply **Clearfield**® canola after 6 leaf stage.



Resistance Management

To preserve the effectiveness of any herbicide a good resistance management approach is recommended. **Intervix**® herbicide is a Group B herbicide. Other group B (ALS inhibitors) include sulfonylureas, and triazolopyrimidines (sulphonamides). To assist with resistance management, rotate **Clearfield**® winter crops with spring crops to break the cycle of winter annual weeds and allow the use of alternate site of action herbicides. If winter cropping is rotated with a fallow season, control weeds before they set seed and use alternate mode of action herbicides. ALS-inhibiting herbicides should not be used more than 2 out of 4 years.