

HYOLA EQUINOX CL

CANOLA



Australia's new Mid maturing Spring CL canola hybrid from Pacific Seeds

HYBRID ATTRIBUTES

Hyola Equinox CL exhibits a mid 5 series flowering and windrowing maturity with a wide adaptation across different growing zones.

Harvested Grain yields across 2020 GRDC NVT replicated trials in Australia have shown to be comparable to 43Y92 and 44Y90 hybrids in some growing environments.

Private independent Industry reseller replicated trials in 2020 have also shown Hyola Equinox CL yields to be competitive with 45Y93, 44Y90 and 43Y92.

Pacific Seeds internal company replicated canola trial results across 2019 - 2020 have shown Hyola Equinox CL yields to be competitive with 45Y93, 44Y90 and 43Y92.

Observed visual early plant vegetative vigor is similar to 43Y92 and slightly less than 44Y90.

Grain Oil% content of Hyola Equinox CL on average within 2020 NVT and internal trialling environments across Australia ranges between 0.5% to 1.5% higher than 45Y93, 44Y90 and 43Y92 depending on specific sites.

Very high blackleg rating of R with Triple major gene resistance groups ADF.

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Yield adaptability	1.5 - 3.5t/ha
Growing Zones	MRZ - HRZ
Blackleg Rating/Groups	R - ADF
Oil potential	High
Herbicide tolerance	CL
Maturity	Mid
Plant vigour	8.0
Plant height	Med - High
#Lodging resistance	8.0
*Shatter tolerance	8.0
^Hectolitre weight	8.0
Growing regions	NSW, SA, Vic, WA, Tas
Irrigation/dryland	Both
Alternative to	43Y92 44Y90 45Y93 44Y94 Saintly CL

(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 observed visual rating from Pacific Seeds R&D internal replicated trial evaluations comparing Hyola products
^ Indicates calculated weight rating from Pacific Seeds R&D internal replicated research trial evaluations

Scale: 1 = poor - 9 = best



2020 Independent Industry Reseller Replicated Canola Trial Results

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Co-operator	Nutrien Ag	2020	Nutrien Ag	2020	Elders	2020	Delta Ag	2020	Delta Ag	2020	Delta Ag	2020	Delta Ag	2020
Trial	Cummins	cv=11.5	Wangary	cv=9.71	Brocklesby	cv=5.60	Temora	cv=4.84	Trundle	cv=4.88	Yerong Crk	cv=6.66	Young	cv=7.03
State	SA	Stats	SA	Stats	NSW	Stats	NSW	Stats	NSW	Stats	NSW	Stats	NSW	Stats
Variety	Yield	Sig	Yield	Sig	Yield	Sig	Yield	Sig	Yield	Sig	Yield	Sig	Yield	Sig
Hyola Equinox CL	4.63	<i>a</i>	3.65	<i>a</i>	4.20	<i>abc</i>	3.32	<i>ab</i>	3.22	<i>a</i>	3.25	<i>a</i>	3.60	<i>efg</i>
43Y92	3.71	<i>c</i>	3.55	<i>ab</i>	-	-	3.06	<i>bcd</i>	3.05	<i>ab</i>	2.75	<i>b</i>	-	-
44Y90	3.91	<i>bc</i>	3.19	<i>b</i>	3.96	<i>b-g</i>	3.51	<i>a</i>	3.22	<i>a</i>	2.82	<i>b</i>	4.21	<i>a</i>
45Y93	4.32	<i>ab</i>	3.58	<i>a</i>	-	-	3.29	<i>ab</i>	-	-	2.93	<i>ab</i>	4.07	<i>ab</i>
Saintly CL	3.86	<i>bc</i>	3.35	<i>ab</i>	-	-	3.09	<i>bcd</i>	3.01	<i>ab</i>	2.94	<i>a</i>	3.97	<i>a-d</i>
45Y91	-	-	-	-	-	-	3.22	<i>bc</i>	2.78	<i>b</i>	2.71	<i>b</i>	4.03	<i>abc</i>
lsd	0.52		0.39		0.33		0.27		0.26		0.34		0.38	

*Source: Pacific Seeds would like to acknowledge the following rural businesses for providing permission to publish their 2020 replicated canola trial results. Cummins Ag Services (Nutrien Ag Solutions) SA, Elders Australia (NSW), Delta Agribusiness (NSW).



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2016-2020 GRDC NVT NSW Long Term Analysed Mid IMI (CL) Results expressed across Yield Groups

GRDC NVT 2016-2020 Variety	Yield Group Mean Yield # Trials	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0
		0.25 t/ha 1	0.72 t/ha 13	1.39 t/ha 7	1.69 t/ha 4	2.24 t/ha 5	2.76 t/ha 9	3.34 t/ha 5	3.81 t/ha 1
Pioneer 44Y94 CL	15	147	132	122	122		115	113	113
Pioneer 45Y93 CL	22	112	106	108	112	112	115	113	110
Pioneer 44Y90 (CL)	44	117	111	109	111	110	110	108	107
Hyola Equinox CL	10						103	105	106
Pioneer 43Y92 (CL)	35		118	112	111	108	105	103	
Saintly CL	36	124	116	112	110	108	106	101	
VICTORY V75-03CL	22	82	88	91	90	92	93	96	96
VICTORY V7002CL	32	77	85	89	88	90	91	93	93
Hyola 575CL	38	74	83	87	86	88	89	91	

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



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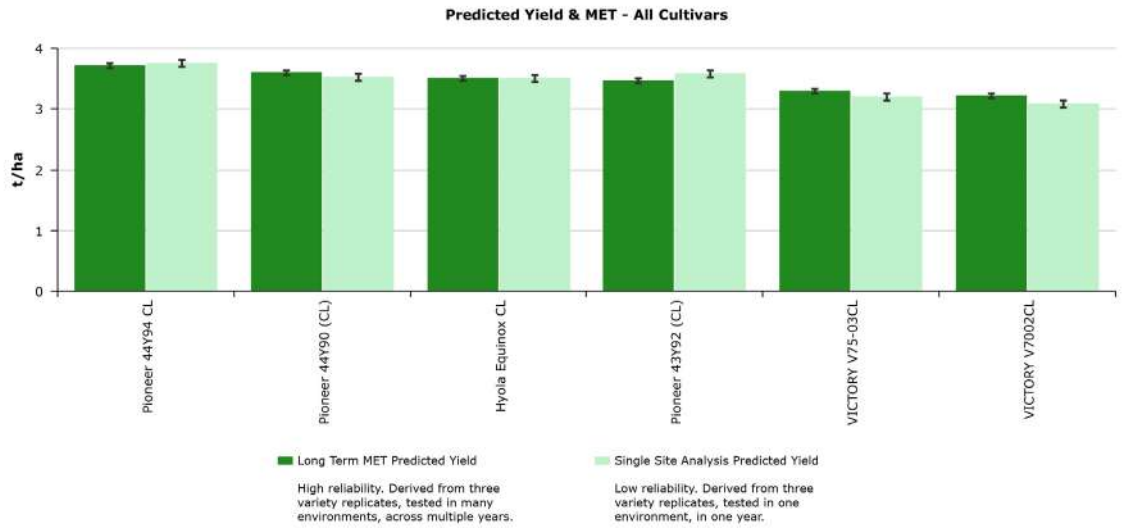
2016-2020 GRDC NVT SA Long Term Analysed Mid IMI (CL) Results expressed across Yield Groups

GRDC NVT 2016-2020 Variety	Yield Group Mean Yield # Trials	1.5	2.0	2.5	3.0	3.5
		1.27 t/ha 3	1.65 t/ha 4	2.24 t/ha 4	2.78 t/ha 10	3.34 t/ha 3
Pioneer 44Y94 CL	11	118	116	116	116	
Pioneer 43Y92 (CL)	15	112		110	107	103
Hyola Equinox CL	6	108	103	103	105	101
Pioneer 44Y90 (CL)	23	106	108	108	108	108
Pioneer 45Y93 CL	16	104	108	108	111	113
VICTORY V75-03CL	10	92	91	91	93	95
VICTORY V7002CL	15	91	91	91	91	93
Hyola 575CL	19	90	90	90	90	92

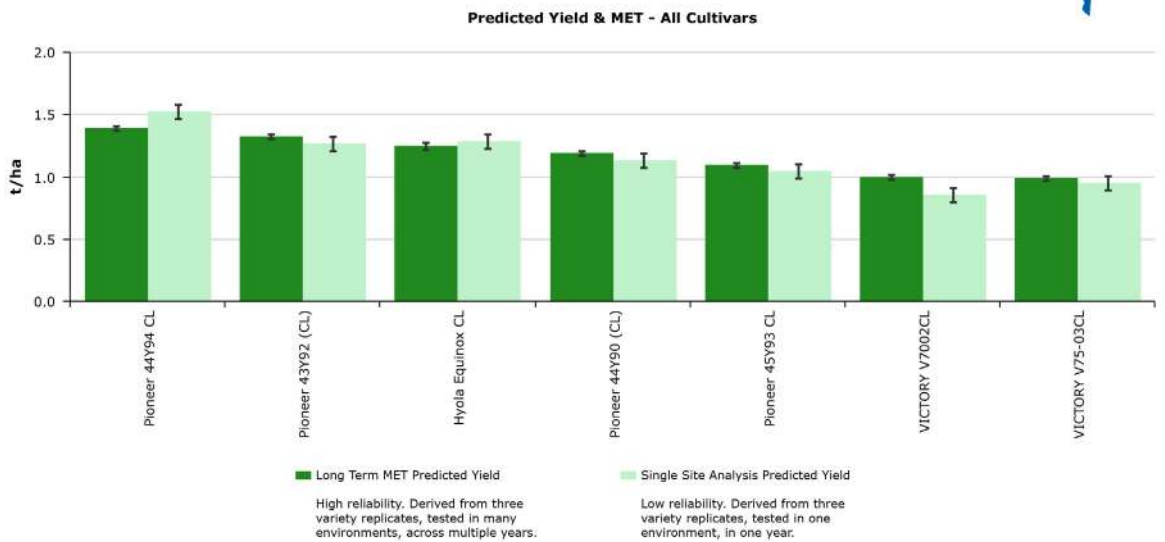
2016-2020 Long Term GRDC NVT SA (Mid IMI) Long Term Analysis by Yield Group for regions: Lower EP, Mid North, South East, Yorke Peninsula

2020 GRDC NVT NSW & SA MID IMI (CL) FEATURED TRIAL RESULTS

Lockhart NSW - Canola - Mid Imidazolinone, 2020
Long Term MET Predicted Yield and Single Site Analysis



Arthurton SA - Canola - Mid Imidazolinone, 2020
Long Term MET Predicted Yield and Single Site Analysis



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2016-2020 GRDC NVT VIC Long Term Analysed Mid IMI (CL) Results expressed across Yield Groups

GRDC NVT 2016-2020 Variety	Yield Group		1.0	1.5	2.0	2.5	3.0	3.5	4.0
	Mean Yield	# Trials	0.84 t/ha	1.41 t/ha	1.93 t/ha	2.28 t/ha	2.74 t/ha	3.20 t/ha	3.68 t/ha
Pioneer 44Y94 CL	15	15	118	116	111	112	114	113	110
Pioneer 45Y93 CL	26	26	113	109	112	111	115	110	112
Pioneer 44Y90 (CL)	30	30	111	109	109	108	109	107	107
Hyola Equinox CL	9	9					102	105	102
Pioneer 43Y92 (CL)	21	21	112	111	107	105	105	105	103
VICTORY V75-03CL	19	19	86	89	91	94	93	95	95
VICTORY V7002CL	21	21	89	90	92	93	92	93	94
Hyola 575CL	31	31	88	90	91	91	90	91	92

2016-2020 Long Term GRDC NVT VIC (Mid IMI) Long Term Analysis by Yield Group for regions: North Central, North East, South West, Wimmera

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2016-2020 GRDC NVT WA Long Term Analysed Mid IMI (CL) Results expressed across Yield Groups

GRDC NVT 2016-2020 Variety	Yield Group		1.5	2.0	2.5	3.0	3.5	4.0
	Mean Yield	# Trials	1.40 t/ha 2	1.62 t/ha 6	2.30 t/ha 5	2.79 t/ha 4	3.27 t/ha 6	3.55 t/ha 1
Pioneer 44Y94 CL		7		118		114	115	113
Hyola Equinox CL		3				107	105	106
Pioneer 45Y93 CL		15	104	111	114	108	114	105
Pioneer 44Y90 (CL)		22	105	109	109	106	109	105
Pioneer 43Y92 (CL)		10	107	107	106	105	104	
VICTORY V75-03CL		8	95	93		96	94	95
VICTORY V7002CL		10	94	91	91	93	92	93
Hyola 575CL		21	93	89	89	91	90	

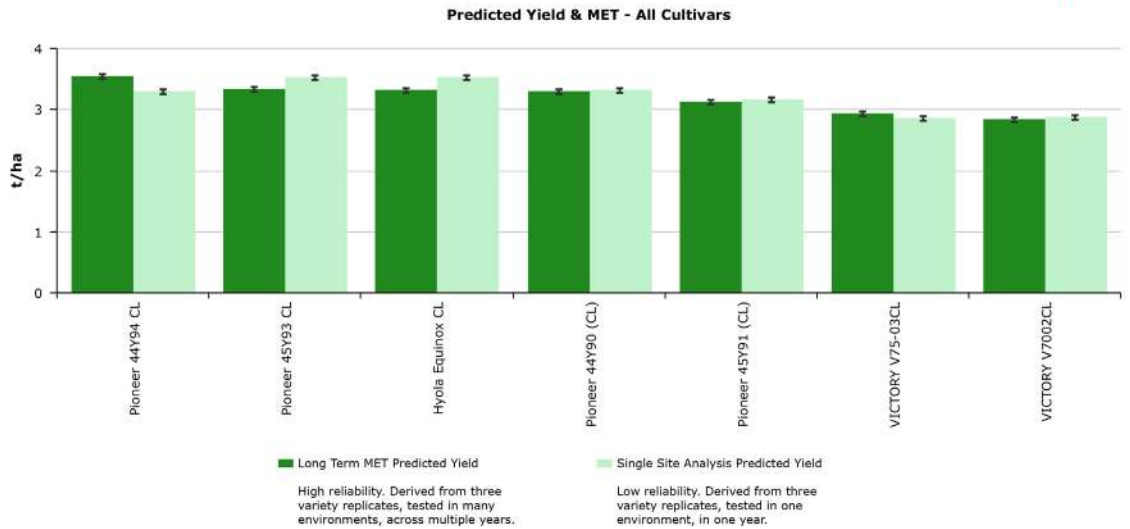
2016-2020 Long Term GRDC NVT WA (Mid IMI) Long Term Analysis by Yield Group for regions: AgZone 2, AgZone 3, AgZone 6



2020 GRDC NVT VIC & WA MID IMI (CL) FEATURED TRIAL RESULTS

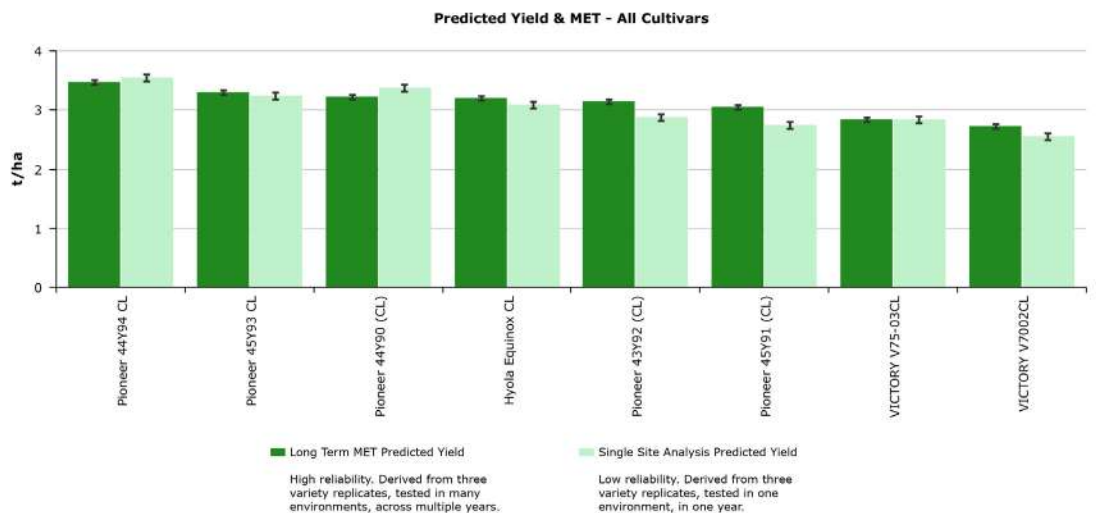
Yarrowonga VIC - Canola - Mid Imidazolinone, 2020

Long Term MET Predicted Yield and Single Site Analysis



Gibson WA - Canola - Mid Imidazolinone, 2020

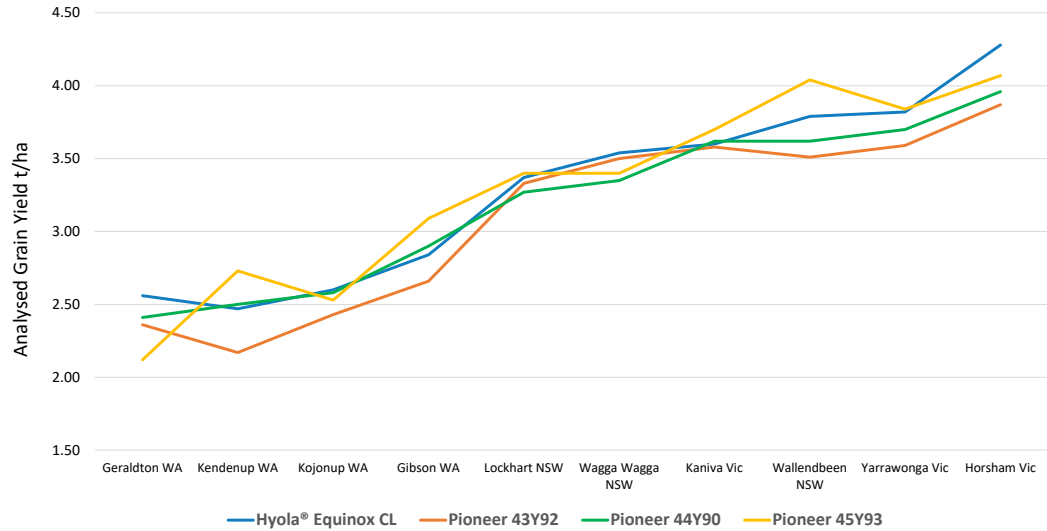
Long Term MET Predicted Yield and Single Site Analysis





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2020 Pacific Seeds Internal Company Replicated Canola Trial Results



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