Spring 2022 Autumn 2023



# **HYOLA 410 XX**

HADLA HADLA Pacific Seeds

TruFlex® Technology enabling the ultimate in Glyphosate-based Weed Control

# CANOLA

#### **HYBRID AGRONOMIC ATTRIBUTES**

#### **Herbicide Tolerance**

TruFlex® Tolerant Early to Mid Maturing Hybrid



#### **Plant Vigour**

Observed visual ratings from Pacific Seeds Research & Technical Development Trials

8.0 to 8.5

#### **Blackleg Rating**

Official Industry Bare Seed Rating of "MR"



#### **Blackleg Groups**

Official Industry Screened Triple Blackleg Protection Groups:

ABD

#### **Growing Zones**

LRZ-MRZ Low to Medium-High Rainfall Zones



Yield Adaptability

1.0t/ha to 2.5t/ha

#### **Plant Height**

Medium Height with Moderate Lodging Resistance



#### **#Hectolitre Weight**

#Calculated weight rating in Pacific Seeds Trials, normal range = 63 to 67 kg/HL.

#### **Oil Potential**

Very High Grain
Oil % Content



#### 44Y30, 44Y27, InVigor R 4022P, InVigor R 4520P, Emu TF, Hunter TF,

Alternative to:

Hunter TF, DG Bindo TF, DG Lofty TF



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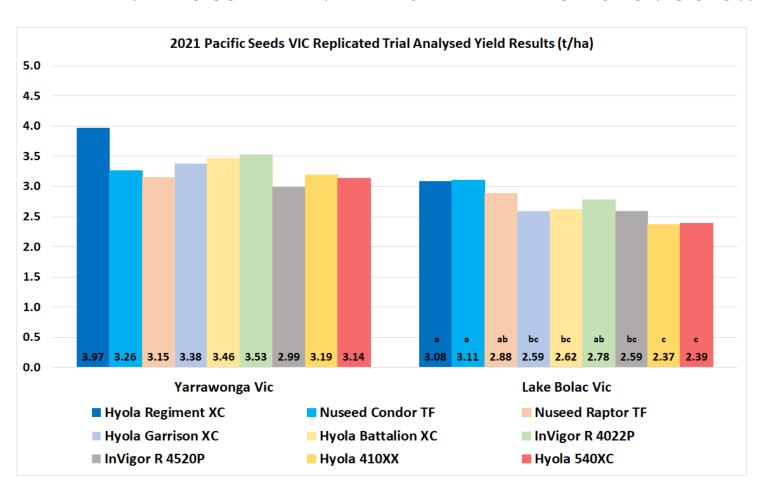




# HYOLA 410 XX



#### DELIVERING COMPETITIVE YIELDS IN LRZ-MRZ ZONES TO VIC GROWERS



Yarrawonga 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



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# HYOLA 410 XX



#### VIC LONG TERM 2017 - 2021 GRDC NVT LRZ - MRZ 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 Early GLY 2017-2021	Year Mean Yield	2017 1.50 t/ha	2018 1.81 t/ha	2019 1.78 t/ha	2020 2.42 t/ha	2021 0.00 t/ha
Variety	# Trials	3	1	3	2	0
InVigor R 4520P	2				105	
InVigor R 4022P	5			116	103	
Pioneer 44Y27 (RR)	9	108	105	105	102	
Hyola 410XX	5			90	99	
InVigor R 3520	9	102	102	108	98	
Hyola Garrison XC	5			92	98	
Nuseed Emu TF	2				96	
Hyola Battalion XC	2				93	
Nuseed Raptor TF	2				92	
DG 408RR	7	106	103	102		

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

Long Term Early GLY NVT 2017 - 2021 Trial Results: Mallee 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.





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# **HYOLA 410 XX**



#### SW VIC SINGLE SITE GRDC NVT TT ANALYSED YIELD RESULTS

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State Region Locality Crop Type Trial ID Variety Name	VIC South West Hamilton Canola CHGA19HAMI3 tonnes/ha	VIC South West Hamilton Canola CHGA20HAMI3 tonnes/ha	VIC South West Hamilton Canola CHGA21HAMI3 tonnes/ha	VIC South West Inverleigh Canola CHGA20INVE3 tonnes/ha	VIC South West Inverleigh Canola CHGA21INVE3 tonnes/ha	VIC South West Lake Bolac Canola CHGA19LAKE3 tonnes/ha	VIC South West Streatham Canola CHGA21STRE3 tonnes/ha
Hyola Regiment CL	-	-	-	-	-	-	-
DG Bindo TF	_		_	_		_	4.87
DG Hotham TF	_	_	_	_	_	_	4.87
DG 408RR	_	-	_	_	_	_	-
Hyola 404RR	_	-	-	_		_	_
Hyola 410XX	2.67	3.06	_	3.09	_	2.70	_
Hyola 540XC	3.06	3.22	_	3.27	_	2.83	_
Hyola Garrison XC	2.93	3.15	4.00	2.99	4.24	2.67	3.80
Hyola Battalion XC	-	-	-	-	-	-	-
InVigor R 3520	-	-	-	-	-	-	-
InVigor R 4022P	2.93	3.50	3.94	4.08	3.92	3.20	4.26
InVigor R 4520P	3.20	3.86	4.17	4.70	4.29	3.27	4.47
InVigor R 5520P	2.38	3.46	4.26	4.02	4.28	2.86	4.43
Nuseed Condor TF	2.72	3.52	4.50	3.81	4.70	3.31	5.05
Nuseed Emu TF	-	-	-	-	-	-	-
Nuseed GT-53	2.93	3.55	-	3.87	-	2.82	-
Nuseed Raptor TF	2.70	-	-	-	-	2.85	-
Pioneer 44Y27 (RR)	-	-	-	-	-	-	-
Pioneer 44Y30 RR	-	3.85	4.44	4.46	3.87	-	4.77
Pioneer 45Y28 RR	-	3.85	4.77	4.11	4.97	-	5.11
VICTORY V5003RR	2.45	3.10	-	3.39	3.84	2.71	4.12
VICTORY V55-04TF	-	-	-	-	4.13	-	4.32
Site Mean (t/ha)	2.84	3.49	4.33	3.87	4.34	2.95	4.59
CV (%)	4.91	5.22	4.33	6.95	4.43	5.87	4.69
Probability	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
LSD (t/ha)	0.19	0.25	0.26	0.38	0.27	0.24	0.32
AnalysisDate	09-Jan-2020	30-Dec-2020	22-Dec-2021	05-Jan-2021	05-Jan-2022	08-Jan-2020	26-Dec-2021
Sowing Date	09-May-2019	16-Apr-2020	14-Apr-2021	21-Apr-2020	19-Apr-2021	01-May-2019	27-Apr-2021

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.

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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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# **HYOLA 410 XX**



#### WIMMERA VIC SINGLE SITE GRDC NVT GLY ANALYSED YIELD RESULTS

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State Region Locality Crop Type	VIC Wimmera Horsham Canola	VIC Wimmera Horsham Canola	VIC Wimmera Kaniva Canola	VIC Wimmera Kaniva Canola	VIC Wimmera Kaniva Canola	VIC Wimmera Minyip 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
Sowing Date	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.

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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 significiant differences between them





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# **HYOLA 410 XX**



#### 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

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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	VIC North Central Chariton Canola CHGA19CHAR3 tonnes/ha	VIC North Central Charlton Canola CHGA20CHAR3 tonnes/ha	VIC North Central Charlton Canola CHGA21CHAR3 tonnes/ha	VIC North Central Diggora Canola CHGA19DIGG3 tonnes/ha	VIC North Central Diggora Canola CHGA20DIGG3 tonnes/ha	VIC North Central Diggora Canola CHGA21DIGG3 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

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.

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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 significiant differences between them





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# **HYOLA 410 XX**



#### NORTH EAST VIC SINGLE SITE GRDC NVT GLY ANALYSED YIELD RESULTS

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State Region Locality Crop Type Trial ID	VIC North East Wunghnu Canola CHGA19WUNG3	VIC North East Wunghnu Canola CHGA20WUNG3	VIC North East Wunghnu Canola CHGA21WUNG3	VIC North East Yarrawonga Canola CHGA19YARR3	VIC North East Yarrawonga Canola CHGA20YARR3	VIC North East Yarrawonga Canola 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

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.

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# **HYOLA 410 XX**



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State	VIC	VIC	VIC	VIC
Region	Mallee	Mallee	Mallee	Mallee
Locality	Birchip	Birchip	Hopetoun	Hopetoun
Crop Type	Canola	Canola	Canola	Canola
Trial ID	CLGA19BIRC3	CLGA20BIRC3	CLGA19HOPE3	CLGA20HOPE3
Variety Name	tonnes/ha	tonnes/ha	tonnes/ha	tonnes/ha
DG 408RR	2.62	-	1.90	-
Hyola 404RR	2.10	-	1.45	-
Hyola 410XX	2.23	2.76	1.68	2.13
Hyola 540XC	-	-	-	-
Hyola Garrison XC	2.46	2.61	1.83	2.13
Hyola Battalion XC	-	2.44	-	1.89
InVigor R 3520	2.57	2.85	2.05	2.15
InVigor R 4022P	2.96	2.80	2.27	2.18
InVigor R 4520P	-	2.88	-	2.24
InVigor R 5520P	-	-	-	-
Nuseed Condor TF	-	-	-	-
Nuseed Emu TF	-	2.60	-	2.10
Nuseed GT-53	-	-	-	-
Nuseed Raptor TF	-	2.37	-	2.04
Pioneer 44Y27 (RR)	2.52	2.81	1.78	2.25
VICTORY V55-04TF	-	-	-	-
Site Mean (t/ha)	2.58	2.69	1.91	2.13
CV (%)	3.90	3.87	4.74	2.92
Probability	<0.001	<0.001	<0.001	<0.001
LSD (t/ha)	0.17	0.18	0.14	0.11
AnalysisDate	21-Nov-2019	17-Nov-2020	21-Nov-2019	17-Nov-2020
Sowing Date	30-Apr-2019	22-Apr-2020	26-Apr-2019	24-Apr-2020



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# CANOLA



# **HYOLA 410XX**

### Delivering Flexible Solution Driven Profits to Canola Growers More Flexibility & Options than Roundup Ready (RR) Hybrids

# THE PACIFIC Seeds

#### THE RATE FARMERS NEED FOR THEIR WEED CHALLENGES

PRODUCT	ACTIVE INGREDIENT	Roundup Ready CANOLA	TruFleX:	TruFlex*
Roundup READY HEBICIDE ""PLANTSHIELD"	690 g/kg glyphosate (granule)	2 apps @ 0.9 kg/ha	2 apps @ 1.3 kg/ha	3 apps @ 0.9 kg/ha
ROUNDUP READY PL MEBICIDE "PLANTSHIELD"	540 g/L glyphosate (liquid)	2 apps @ 1.15 L/ha	2 apps @ 1.67 L/ha	3 apps @ 1.15 L/ha

# TRUFLEX CANOLA EXTENDED SPRAY WINDOW EMERGENCE TO FIRST FLOWER TruFLEX COTYLEDON SIX-LEAF FIRST FLOWER

#### When applying Roundup Ready Herbicides at registered rates

The window of application for Roundup Ready Herbicides extends past the six-leaf stage all the way to first flower.

