

# WIN

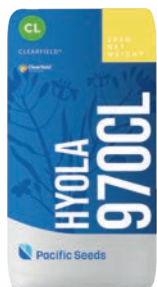
## 1 of 7 Engel 40 Litre Portable Fridge-Freezers.

Simply purchase Hyola 970CL or Hyola Feast CL and upload a copy of your invoice. One entry for every bag purchased.

Offer ends 1st March 2024. T&C's apply.



Scan the QR code to enter the draw.



### Hyola® 970CL

Australia's most trusted and reliable Graze n Grain winter Clearfield® hybrid for mixed cropping enterprises.



### Hyola Feast CL

A slightly earlier maturing Graze n Grain Winter CL canola hybrid from Pacific Seeds.

Hyola 970CL and Hyola Feast CL provide growers with substantial grazing values, combined with significant harvested grain yields. Pacific Seeds Winter canola delivers dual purpose flexibility due to their built-in phenology vernalisation requirement.

## Contact Us

### Territory Managers & Technical Specialists

Ask us about how our products can add value to your business and customers, or talk to us about technical and agronomic advice to maximise performance.

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For current information on Pacific Seeds varieties, contact Toowoomba head office on (07) 4690 2666 or visit us online at [pacificseeds.com.au](http://pacificseeds.com.au)

# Understanding Vernalisation

Vernalisation requirement refers to the need for some plant species, like Winter canola varieties, to undergo a period of prolonged cold temperatures in order to trigger bud development, whilst thermal requirements drive bud elongation, flowering and grain development. This allows Winter canola to be sown in Spring or late Summer through to early Autumn without necessarily running into flower too early\*.

\*Seasonal temperature dependent.

## Winter Canola Hybrid Varieties

AGRONOMIC ATTRIBUTES	 HYOLA 970 CL	 HYOLA FEAST CL
Yield adaptability	3.0 - 7.0 t/ha	2.0 - 6.5 t/ha
Blackleg rating	R	R
Blackleg groups	H	H
Oil potential	Mod - High	Mod - High
Herbicide tolerance	CL winter	CL winter
Maturity	Late	Mid - Late
# Plant vigour	9.0 - 10.0	9.0 - 10.0
^ Plant height	Tall	Tall
Growing zones	HRZ - VHRZ	MRZ - VHRZ
Summary	Hyola 970CL provides growers with substantial grazing values, combined with significant harvested grain yields.	With an earlier maturity, Hyola Feast CL delivers results 5-8 days faster than other winter canola types. Exhibiting a slightly lower vernalisation requirement, Hyola Feast CL provides a larger number of farmers, in a wider range of regions, with access to the graze and grain canola segment.

# Visual ratings from Pacific Seeds replicated Research & Development trials.  
 CL = Clearfield canola. Clearfield® are registered trademarks of Bayer and BASF respectively.

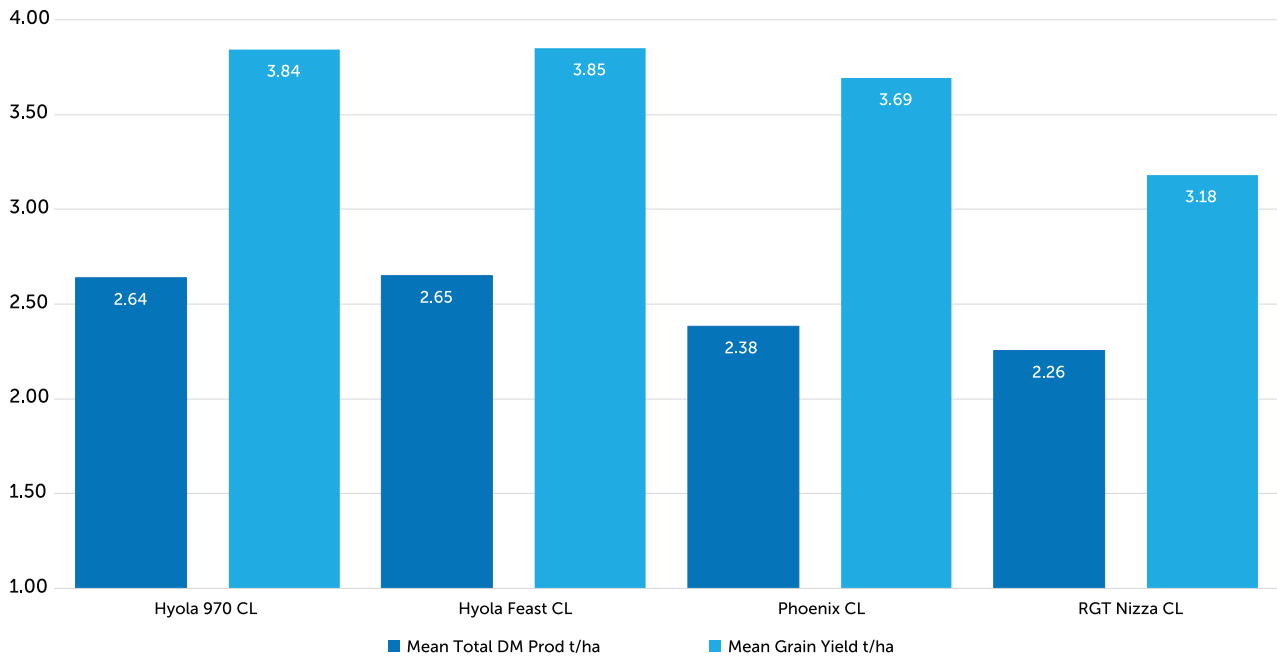
## Yield Adaptability

HYOLA VARIETY	PLANT MATURITY	LRZ ADAPTATION			MRZ ADAPTATION		HRZ ADAPTATION				VHRZ ADAPTATION				
		0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	
HYOLA 970CL	Winter late														
HYOLA FEAST CL	Winter mid														

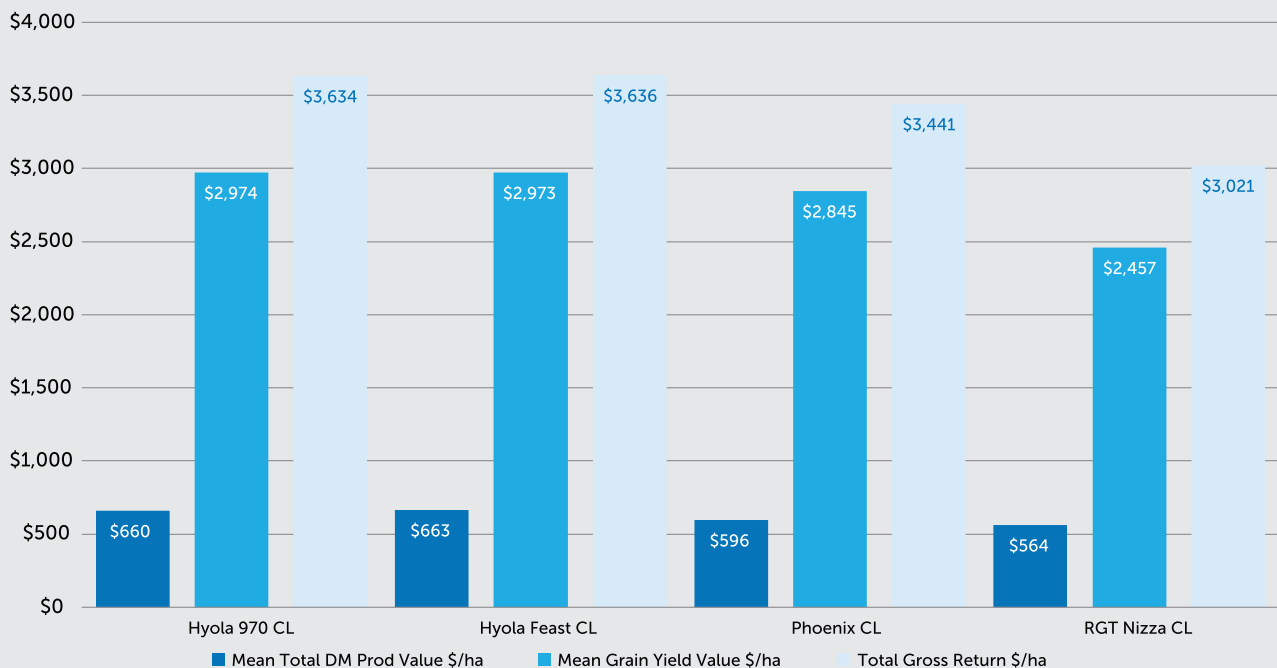
# Multi Year Trial Results

2021-2023 Pacific Seeds replicated Hyola Technical Extension trials evaluating Winter CL hybrids. Dry matter, with leaf & stem combined (DM) expressed in t/ha was measured from 1m<sup>2</sup> cuts taken from all 3 replicates from all 10 trials. Harvested Grain Yield expressed in t/ha.

2021-2023 Hyola Winter CL Performance - 10 Trials - Dry Matter Production & Grain Yield



2021-2023 Hyola Winter CL Performance - 10 Trials - Gross Value Returns \$/ha



## Key assumptions:

- Mean canola non GM commodity Price \$/MT 2021 = \$730, 2022 = \$850, 2023 = \$670
- EPR on RGT Nizza CL = \$12/MT
- Grazing yield 60% (less 40% residual loss)
- 30kg lambs @1.2kg DM/hd/day whilst assuming plants actively growing
- Lamb yield \$/ha @ 100g/day meat @\$5.00/kg
- Planting seed price not included in calculations

# Management

In general, the choice of variety for specific sowing dates, regions and grazing management will be the key to maximising the dual-purpose value of canola. Significant forage for grazing can be produced by sowing Winter Hybrid canola types early, without compromising yield, as has been demonstrated for dual-purpose wheat.

## Hyola 970CL management

AGRONOMY GUIDELINES	SPRING SOWN GRAZE N GRAIN	AUTUMN SOWN GRAZE N GRAIN	AUTUMN SOWN GRAIN ONLY
Sowing dates	3rd week Sept – end of Dec. Don't sow into Jan to early Feb, as excessive heat can affect emerging plant growth.	3rd week Feb – 2nd week April. After mid April best to sow regular Spring hybrids.	2nd week Feb – 2nd week April. After mid April best to sow regular Spring hybrids.
Sowing rates	3kg/ha to 4kg/ha	2.5kg/ha to 3.5kg/ha	2.5kg/ha to 3.5kg/ha
Sowing depth	15-20mm Normal canola sowing depth		
Soil types	Suited to light sands to clay loams to heavy clays		
Herbicide Tolerance	Clearfield Technology		
Rainfall zones	High (500mm+ or irrigation)	Med-high (450mm+)	Med-high (450mm+)
Target plants/m <sup>2</sup>	20 to 50/m <sup>2</sup> Sowing rate depends on potential grazing intensity and factors such as insects, stubble loads, moisture and soil type. Spring sowing plant losses can be as high as 30%.	20 to 40/m <sup>2</sup> Sowing rate depends on potential grazing intensity and factors such as insects, stubble loads, moisture, crop history and soil type.	20 to 30/m <sup>2</sup> Sowing rate depends on factors such as insects, stubble loads, moisture, crop history and soil type.

## Hyola Feast CL management

AGRONOMY	SPRING SOWN GRAZE N GRAIN	AUTUMN SOWN GRAZE N GRAIN	AUTUMN SOWN GRAIN ONLY
Sowing dates	Mid Sept to mid Nov. Don't sow into Summer, as excessive heat can affect emerging plants & growth.	Early Feb to end of April. From early May best to sow regular Spring hybrids.	Early Feb to end of April. From early May best to sow regular Spring hybrids.
Sowing rates	3kg/ha to 4kg/ha	2.5kg/ha to 3.5kg/ha	2.5kg/ha to 3.5kg/ha
Sowing depth	15-20mm Normal canola sowing depth		
Soil types	Suited to light sands to clay loams to heavy clays		
Herbicide Tolerance	Clearfield Technology		
Rainfall zones	High (500mm+ or irrigation)	Med-high (400mm+)	Med-high (400mm+)
Target plants/m <sup>2</sup>	30 to 60/m <sup>2</sup> Sowing rate depends on potential grazing intensity and factors such as insects, stubble loads, moisture and soil type. Spring sowing plant losses can be as high as 30%.	30 to 40/m <sup>2</sup> Sowing rate depends on potential grazing intensity and factors such as insects, stubble loads, moisture and soil type.	25 to 30/m <sup>2</sup> Sowing rate depends on factors such as insects, stubble loads, moisture and soil type.

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