

CAPTAIN CL AGFseeds

*for Big Yields
and Big Biomass
Leading the Way!*

MATURITY

POD SHATTER RESISTANCE

BLACKLEG RATING

UCI BLACKLEG RATING

BLACKLEG GROUP

TUYV RESISTANCE

Captain has proven it's potential for market leading yields in grain and biomass for grazing. With high oil percentages, a strong disease package and an AH blackleg group resistance, Captain can help you lead the way with Winter Canola.

OVERVIEW

Higher Yielding

Table 1: Yield CL varieties expressed as t/Ha (Sources AGF Seeds, FAR,)

Variety	AGF Smeaton 2024		AGF Smeaton 2023			AGF Smeaton, Vic		FAR Millicent 2023, SA		FAR Gnarwarre 2023, Vic		FAR Millicent 2022, SA	
	Graze and Grain	Grain Only	Ungrazed	Grazed TOS 1	Grazed TOS 2	2022	2021	Ungrazed	Grazed	Ungrazed	Grazed	Ungrazed	Grazed
Captain CL	4.13	3.63	3.6	4.3	3.38	6.55	6.53	5.7	5.7	4.19	3.93	4.57	4.84
Phoenix CL	3.17	2.9	3.13	3.28	2.97	5.31	5.49	4.51	4.52	3.65	3.47	4.18	3.92
Hyola 970 CL	4.11	3.33	2.57	3.65	2.59	5.63	5.64	4.71	4.16	4.11	3.41	3.81	4.23

Higher Oil

Table 2: Oil percentage (Sources AGF Seeds, FAR, SFS)

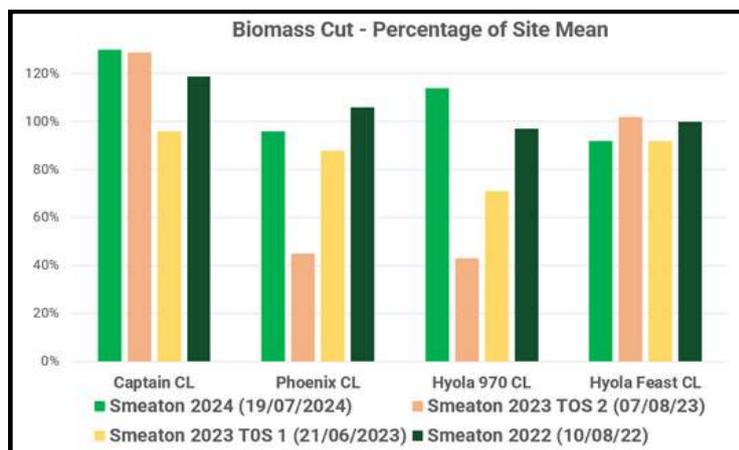
Variety	AGF Smeaton, VIC 2024	FAR Millicent 2023, SA		FAR Gnarwaree 2023, Vic		FAR Millicent 2022, SA		FAR Wallanbeen 2022, NSW		FAR Gnarwarre 2022, Vic	SFS Streatham Vic	
	Grazed	Ungrazed	Grazed	Ungrazed	Grazed	Ungrazed	Grazed	Ungrazed	Grazed	Ungrazed	2021	2022
Captain CL	42.0	44.6	43.2	43.2	43.2	44.4	43.6	45.7	45.6	41.8	46.6	47.7
Phoenix CL	39.3	43.2	41.7	42.2	41.7	43.6	43.5	45.6	46.5	41	45.3	47.5
Hyola 970 CL	39.0	41.3	39.9	41.1	39.9	42.6	41.5	45.2	45.4	39.9		

Higher Biomass

Captain CL continues to shine in trials and in the field for biomass. Early sowing can lead to exceptional feed for stock and fill autumn and winter feed gaps. Captain CL can be sown as early as late October and can provide multiple grazings throughout the season, provide ground cover, and reduce weed competition.

Table 3: Biomass cut as percentage of the site mean. (Brackets indicate cut date).

Sources AGF Seeds



Disease

Captain CL has a strong disease package and is rated resistant to blackleg for both crown canker and for upper canopy infections. Winter canola also allows crops to be sown earlier in the season which can greatly reduce the risk of crown canker as stated in GDRC's Blackleg Management Guide, 'Early sown crops that also germinate early, grow quickly avoiding seedling infection and therefore will also avoid crown canker (plant growth prior to winter may avoid blackleg infection).'

Captain CL also has genetic Turnip Yellow Virus (TuYv) resistance traits which are more important than ever with observations of the virus on the rise in southern NSW and northern Victoria. Transmitted by aphids, mainly the green peach aphid, experiments conducted by DPIRD have shown TuYv can lead to seed yield losses of 10-50% and negative seed quality impacts such as oil content decreases or increases in erucic acid and glucosinolate. Once plants are infected with the virus there is no cure, so varieties with improved resistances, such as Captain CL, are one of the best tools available to manage against TuYv. Screening work is currently underway in Australia to determine resistance ratings.

Earlier Flowering

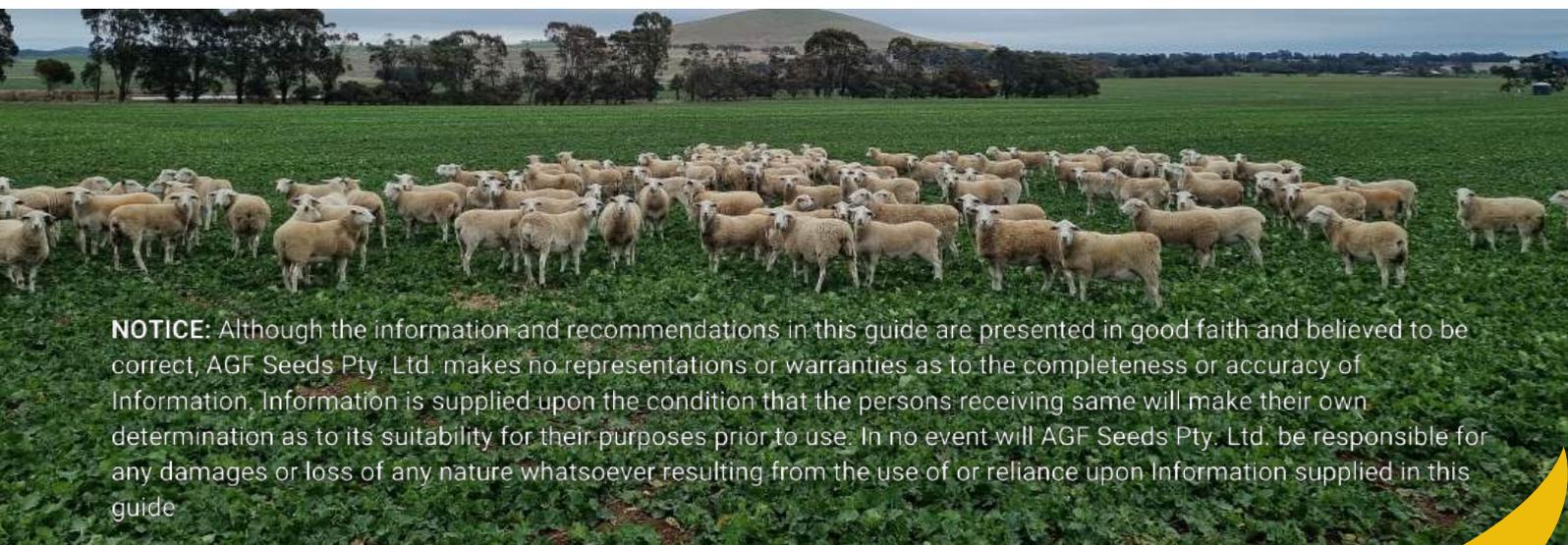
In AGF winter canola trials, Captain CL has demonstrated consistent quicker maturity in comparison to Hyola 970 CL.

Table 4: Start of flowering date of eight winter cultivars sown on 6 April at Wallendbeen, 2022. Source FAR Australia. **Images:** Photos from 26th September 2022 comparing flowering, Smeaton

Captain CL	30-Sep
Hyola Feast CL	30-Sep
Phoenix CL	2-Oct
RGT Nizza CL	2-Oct
Hyola 970 CL	4-Oct
RGT Clavier CL	5-Oct



Below: Sheep grazing on Captain CL



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