

Trial 1 Winter Canola Screening Trial (FAR WAK C22-01 (W))

Objective: To examine the suitability of elite commercial and unreleased winter canola cultivars for Hyper-yielding regions.

Key points:

- Winter canola yielded less than spring canola at the same site. On average, winter canola produced 2.08 t/ha compared to spring canola of 3.5-3.9 t/ha.
- Captain CL was the highest yielding variety with a yield of 2.3 t/ha.
- Oil content ranged from 44.5 to 47.5% with Captain CL also ranked high for oil concentration.

Table 1. Yield and Oil (%) of the Nutrition trial (t/ha) in winter canola screening trial.

Variety	Yield (t/ha)	Oil (%)
Captain CL	2.39 a	47.3 ab
Hyola 970CL	2.24 ab	46.3 bc
RGT Nizza CL	2.15 ab	47.5 a
Hyola Feast CL	2.09 ab	45.9 c
CL222168	2.06 ab	45.7 c
RGT Clavier CL	2.00 ab	45.5 cd
Phoenix CL	1.99 ab	45.8 c
CL222170	1.79 b	44.5 d
Mean	2.08	46.1
LSD 0.05	0.47	1.14
P Val	0.05	0.05

Table 2. Trial management details.

Sowing date:	20 April 2022	
Variety:	As listed in the entry	
Target plant density:	40 plant/m ²	
Sowing Fertiliser:	80 kg/ha MAP + 50 kg Urea/ha (31 kg N/ha, 17 kg P/ha, 12 kg S/ha)	
Nitrogen:	6 Leaf	83 kg N/ha + 13 kg S/ha (Urea + SOA)
	Bud Visible	67 kg N/ha (Flexi-N)
Fungicide:	20% Bloom	Aviator Xpro 0.80L/ha