

CANOLA Technical fact sheet

PIONEER® BRAND · SEEDS

PY421C

IMIDAZOLINONE TOLERANT

The package deal - high yielding, adaptable and agronomically sound.

- Early to mid-maturity, fast phenology hybrid.
- **PY421C** provides exceptional yields in the IMI-tolerant market segment when supported by robust crop nutrition.
- Outstanding standability, reliable shatter tolerance and a high oil content.

PY421C continues to demonstrate incredible adaptability, making it the first choice for growers across most IMI canola growing regions.

AGRONOMIC PROFILE

YIELD ADAPTABILITY t/ha

1 2 3 4 5 6

TARGET RAINFALL ZONE

LOW	MED	HIGH

PHYSIOLOGICAL MATURITY

EARLY	EARLY-MID	MID	MID-LATE

PHENOLOGY CLASS <15th April

SLOW	MID	FAST

OIL CONTENT

MODERATE	HIGH	VERY HIGH

PLANT HEIGHT

SHORT	MED	TALL

EARLY GROWTH

7

CROP STANDABILITY

8

SHATTER TOLERANCE

7

Poor (1) - Excellent (9)

2026 GRDC BLACKLEG RATING

VS	S	MS	MR	R

2026 UCI BLACKLEG RATING

S	MS	MRMS	MR	R

GRDC BLACKLEG GROUP

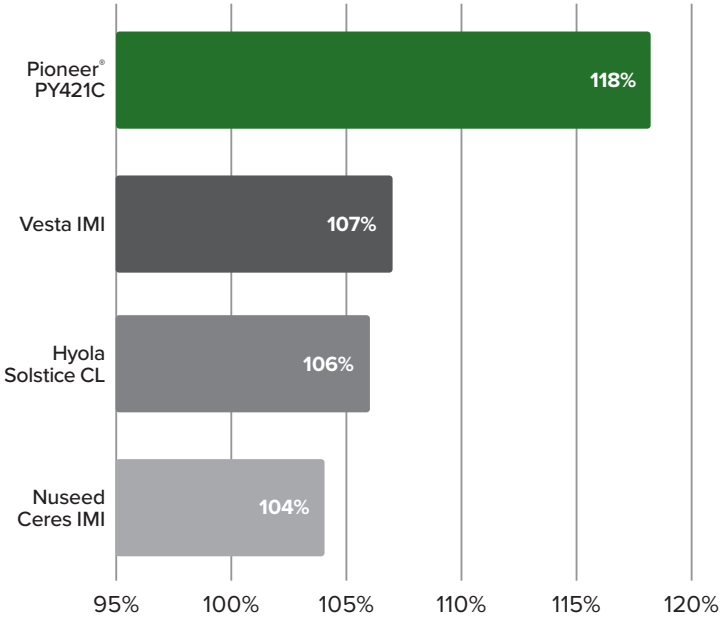
A	B	C	D	F	H

KEY POSITIONING POINTS

- **This hybrid generally demonstrates fast phenology. Phenology becomes faster when in warm environments.**
- **Appears to have little or limited vernalisation requirement.**
- **This hybrid is very adaptable, suits a wide range of environments.**

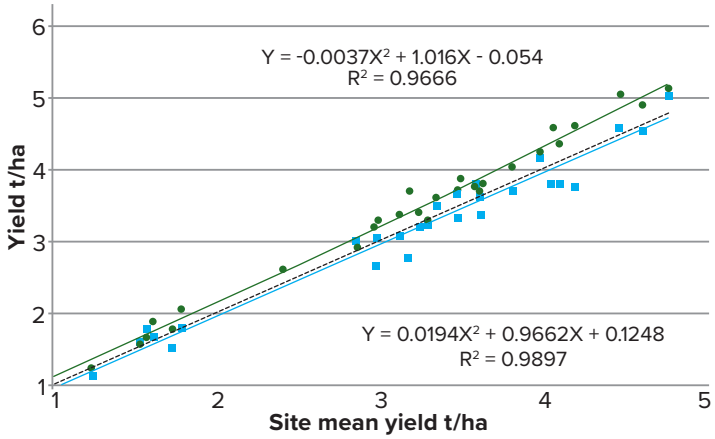
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Nationally proven yield



Source: 2025 NVT long-term yield from All WA, SA, VIC & NSW Med-High Rainfall Imidazolinone

Consistent yield advantage



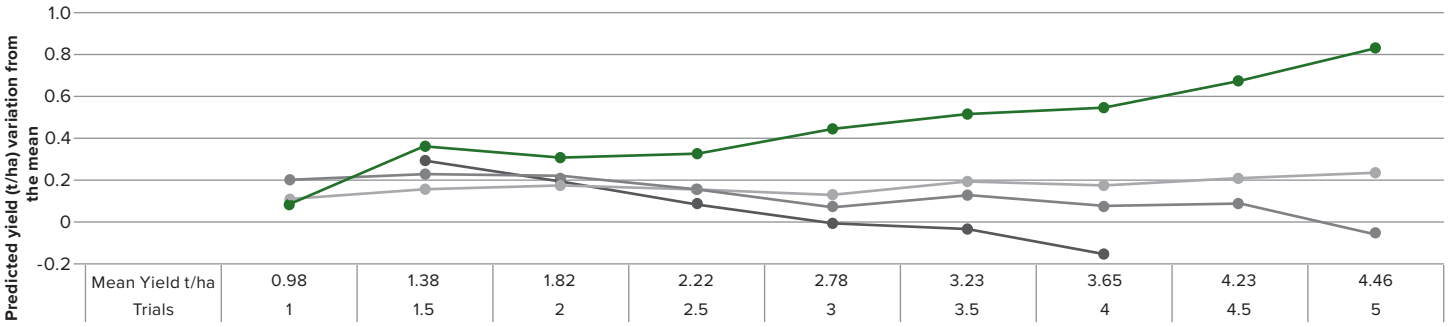
Source: 2024 - 2025 Pioneer STRIKE, 30 Locations across WA, SA, VIC & NSW

PY421C · Hyola Soltice · Poly. PY421C · Poly. Hyola Soltice · Poly. Trial Avg

HYBRID	YIELD T/HA	% WIN	#TRIALS	YIELD ADV.
PY421C	3.33	86.7	30	7.9%
HYOLA SOLTICE	3.06	13.3		

PY421C delivered 18% above benchmark in NVT trials and out-yielded the benchmark by 7.9%, winning 86.7% of 30 STRIKE locations across WA, SA, VIC and NSW in 2024–25

More potential, more yield



Source: NVT long-term predicted yield from All All SA, VIC & NSW Med-High Rainfall imidazolinone

Pioneer® PY421C · Vesta IMI · Hyola Solstice CL · Nuseed Ceres IMI

Recommended sowing window*

		MARCH		APRIL			MAY			JUNE	
		M	L	E	M	L	E	M	L	E	M
PY421C	LOW RF	Suitable	Recommended	Optimum	Optimum	Optimum	Recommended	Suitable			
	MEDIUM RF	Suitable	Recommended	Optimum	Optimum	Optimum	Optimum	Recommended	Suitable		
	HIGH RF	Suitable	Recommended	Recommended	Optimum	Optimum	Optimum	Optimum	Recommended	Suitable	
44Y94CL	LOW RF		Suitable	Recommended	Recommended	Recommended	Recommended	Suitable			
	MEDIUM RF	Suitable	Recommended	Optimum	Optimum	Optimum	Optimum	Recommended	Suitable		
	HIGH RF	Suitable	Recommended	Optimum	Optimum	Optimum	Optimum	Optimum	Recommended	Suitable	
PY433I	LOW RF	Suitable	Recommended	Optimum	Optimum	Optimum	Recommended	Recommended	Suitable		
	MEDIUM RF		Suitable	Recommended	Optimum	Optimum	Optimum	Optimum	Recommended	Suitable	
	HIGH RF			Suitable	Recommended	Optimum	Optimum	Optimum	Recommended	Recommended	Suitable

***Sowing window:** Based on regional trial results and hybrid maturity class — Suitable · Recommended · Optimum

Disclaimer:
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