

HYOLA 410XX



Australia's first TruFlex® technology canola hybrid released to farmers



CANOLA

HYBRID ATTRIBUTES

New technology that replaces the older RR Technology with increased flexibility and higher efficacy

Includes extended glyphosate technology for wider application windows right through to first flower

Higher rates of glyphosate registered than RR technology for enhanced weed control timing options

Reliable 4 series hybrid with excellent competitive yield results in GRDC NVTs

Specifically adapted to the 1.0t/ha to 3.5t/ha growing regions

High blackleg rating of R-MR with Tri-Gene groups ABD

Good lodging resistance, even flowering and manageable height for direct harvesting operations

Yield adaptability	0.75 - 3.0t/ha
Blackleg rating	R-MR
Blackleg groups	ABD
Oil potential	Very high
Herbicide tolerance	XX - TruFlex®
Maturity	Early - Mid
Plant vigour	8
Plant height	Medium - High
#Lodging resistance	8
*Shatter tolerance	8
^Hectolitre weight	8
Growing regions	NSW, Vic, WA, SA ⁺
Irrigation/dryland	Both
Alternative to	Xseed Raptor, InVigor 4022P, 44Y27, GT53, 43Y29, InVigor R3520, 43Y23, DG408RR

+ means only if approved for commercial release in 2021 by SA government regulations.

(P) Indicates provisional rating and blackleg groups from Pacific Seeds blackleg nurseries and R gene screening
Indicates observed visual rating from Pacific Seeds R&D internal replicated research trial evaluations

*Indicates observed visual rating from Pacific Seeds R&D replicated research trial evaluations comparing Hyola products ^ Indicates calculated weight rating from Pacific Seeds R&D internal replicated research trial evaluations

Scale: 1 = poor - 9 = best

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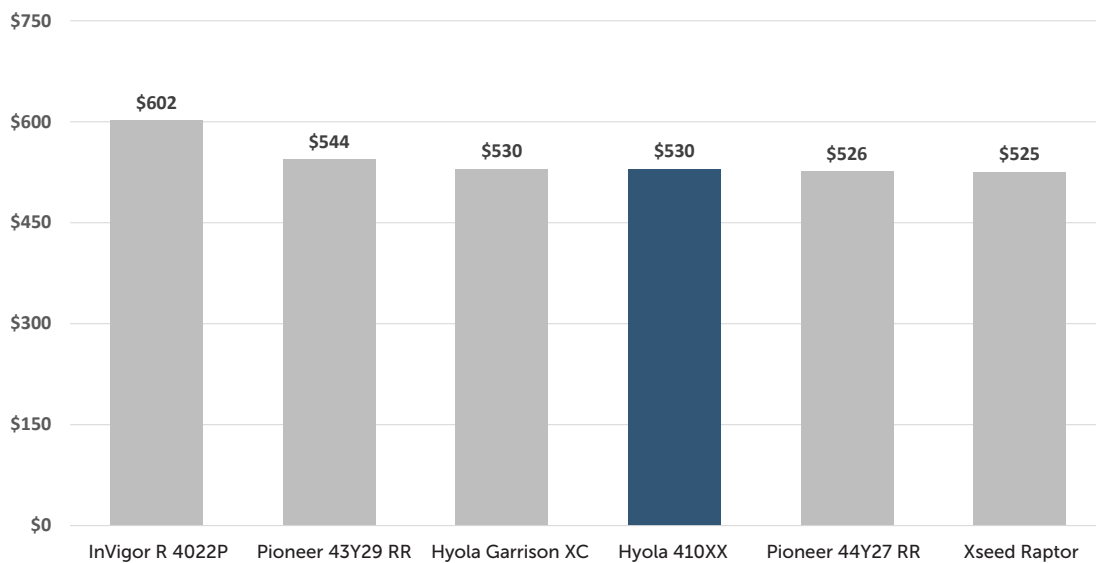
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2019 GRDC NVT GM TRIALS - HYOLA 410XX PERFORMANCE - MEAN ANALYSED YIELD (T/HA) - LOW TO HIGH YIELD ENVIRONMENTS



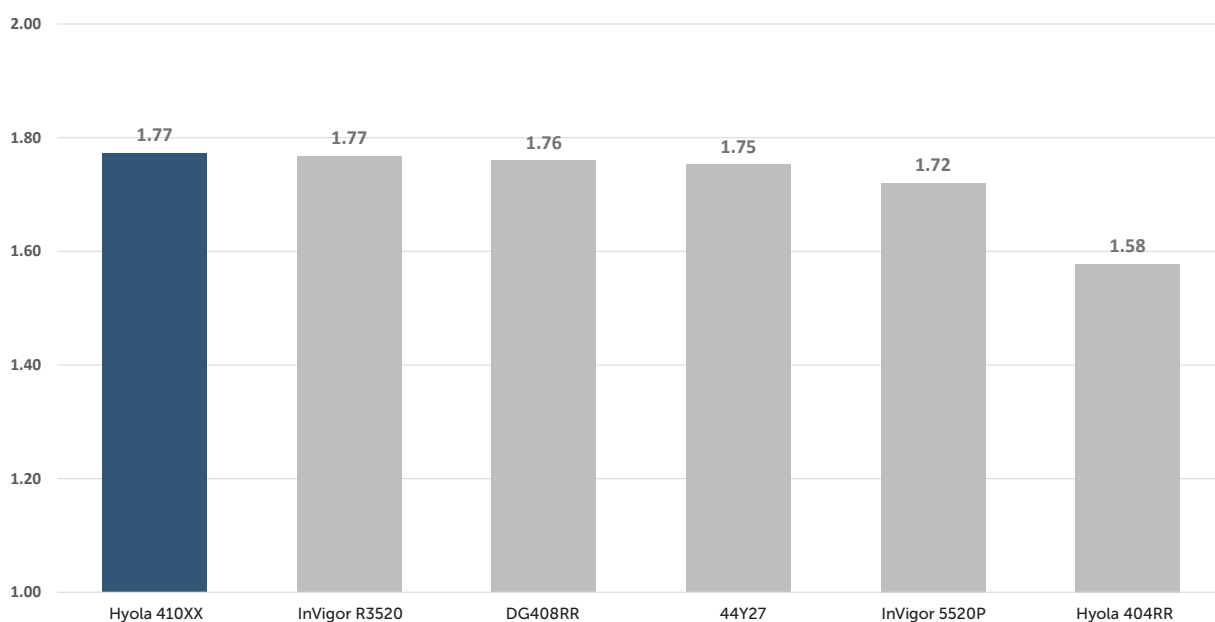
2019 GRDC NVT Mid and Early GM Trials over 24 locations using published analysed mean yields (t/ha) where all TruFlex® varieties are common.

2019 GRDC NVT GM TRIALS - HYOLA 410XX HANDLES THE TOUGH DRY ENVIRONMENTS



2019 GRDC NVT Mid & Early GM Trials over 7 locations where all varieties are common where site mean yields are all less than 1.21t/ha. Trial Site locations included Wunghnu Vic, Diggora Vic, Merredin WA, Buntine WA, Cunderdin WA, Yuna WA, Calingiri WA. Gross returns \$/ha based on Analysed Mean Yield (t/ha) * \$550/MT including Oil% bonuses or deductions.

HYOLA 410XX PROVIDES GROWERS WITH COMPETITIVE YIELDS ACROSS AUSTRALIA

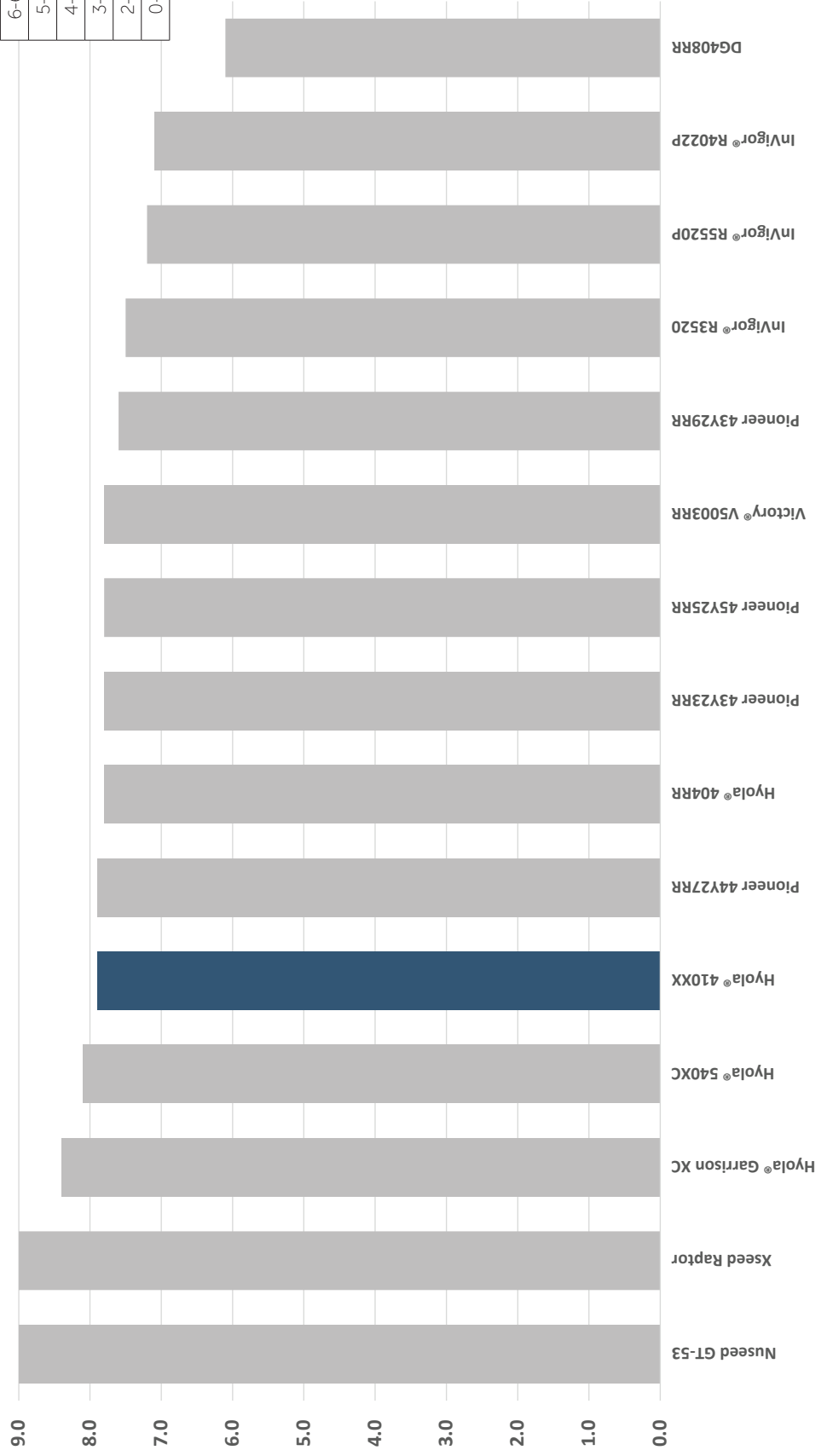


Source: 2019 Pacific Seeds Replicated Research Trial Results across Australia

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HYOLA 410XX EXHIBITS A HIGH RATING OF "R-MR" FOR BLACKLEG RESISTANCE

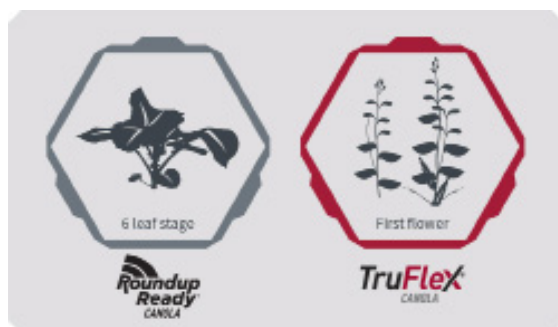
Value	Rating
8->	R
7.5-7.9	R-MR
6.5-7.49	MR
6-6.49	MR-MS
5-5.9	MS
4-4.9	MS-S
3-3.9	S
2-2.9	S-VS
0-1.9	VS



2020 Official GRDC Autumn Blackleg Ratings (bare seed comparison based on analysed values)

HYOLA XX - BENEFITS OF TRUFLEX TECHNOLOGY

EXTENDED SPRAY WINDOW EMERGENCE TO FIRST FLOWER



The window of application for Roundup Ready herbicide with PLANTSHIELD® by Monsanto will extend past the six-leaf stage all the way to first flower.

One of the smartest routes to high yield potential is through effective weed control. Here's how TruFlex® canola with Roundup Ready® Technology can help make it happen:

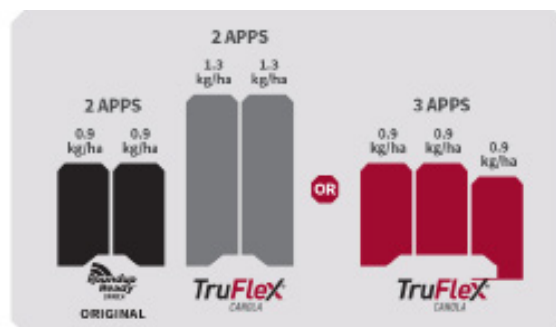
WEED CONTROL GROWERS CAN RELY ON

TruFlex® canola with Roundup Ready® Technology and Roundup Ready® Herbicide with PLANTSHIELD® by Monsanto were designed to work with each other. This combination provides you with the tools you need to effectively control weeds in your canola fields.

FLEXIBILITY IN SPRAY RATES AND TIMING

TruFlex canola gives you increased weed control flexibility. The window of application for Roundup Ready Herbicide with PLANTSHIELD® by Monsanto will extend past the six-leaf stage to first flower. From emergence to first flower either apply three applications at the current rate of 0.9 kg/ha or apply two higher rates of 1.3 kg/ha.

THE RATE FARMERS NEED FOR THEIR WEED CHALLENGES*



* Of Roundup Ready® herbicide with PLANTSHIELD® by Monsanto.

* Either apply three applications at 0.9 kg/ha or apply two applications of 1.3 kg/ha of Roundup Ready Herbicide with PLANTSHIELD® by Monsanto.

SUPERIOR YIELD POTENTIAL

New advances in trait technology will help enable better weed control and crop safety compared to Roundup Ready® canola. It's a combination that could give you the opportunity to see a lot more yield potential at harvest time.

TruFlex®
CANOLA with Roundup Ready®
Technology