

TRUFLEX GLYPHOSATE TOLERANT · XX

Hyola™ Badger XX

Top yields in the **Glyphosate LRZ–MRZ**, with higher oil than every named competitor.

Prepared 24 June 2026, for agronomists and consultants



HERBICIDE

XX, TruFlex glyphosate tolerant

STATUS

Commercial launch, Autumn 2027 planting

TARGET SEGMENT

LRZ–MRZ Glyphosate

SEED TREATMENT

Elite only

VARIETY OVERVIEW

Top yields in the Glyphosate LRZ–MRZ, with higher oil than every named competitor.

This briefing carries the agronomist-grade detail behind Hyola Badger XX. Named comparators, disease ratings, agronomic specifics, oil and quality, and segment fit all sit below.

LEAD CLAIMS

- 01** Top yields in Glyphosate LRZ–MRZ.
- 02** Higher oil than every named competitor.
- 03** Stands tall, builds yield to harvest.
- 04** PodShield™: pods that hold longer, paddock to header.

113

GRDC NVT 2025 GLY MET yield index, top of the 12-trial WA LRZ–MRZ AgZone mean, ahead of every named alternative.

+1.5%

Up to 1.5% more oil than every named competitor across the LRZ–MRZ WA AgZone mean (~0.8 to 1.5% range).

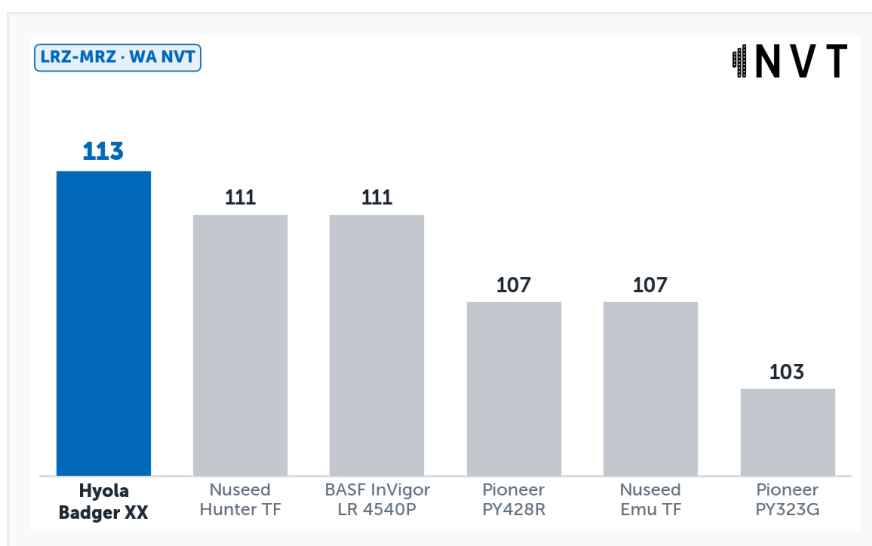
105

Grain-yield index by harvest, drone-tracked against Nuseed Hunter TF = 100. Behind early, ahead by harvest.

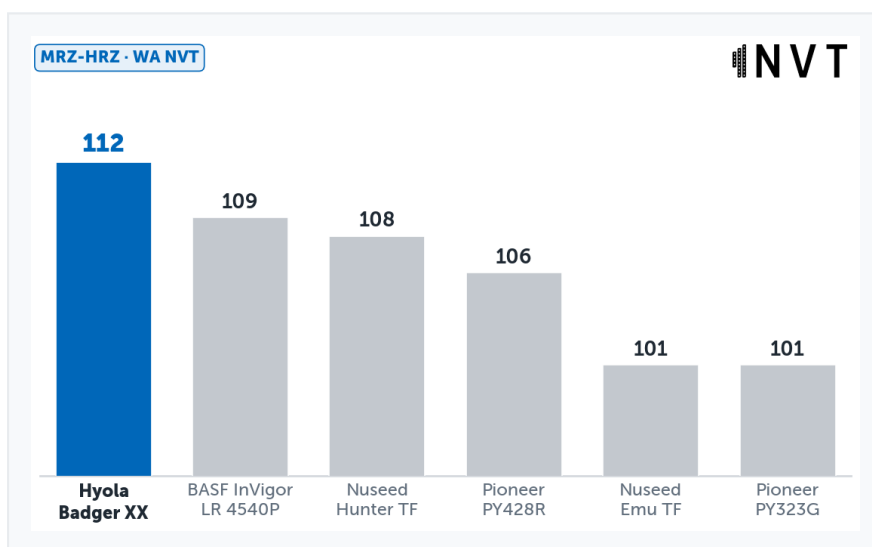
Where it fits

Badger XX is designed for growers in low-to-medium rainfall paddocks running the TruFlex chemistry rotation. In high-biomass HRZ paddocks its moderate lodging resistance under waterlogged conditions means it is best adapted to LRZ–MRZ. Badger XX is available only with Elite seed treatment.

01 Top yields in Glyphosate LRZ–MRZ



Source: GRDC National Variety Trials 2025 GLY MET (LRZ–MRZ, AgZones 1, 2, 4 and 5). NVT Long Term MET analysis. Reproducible at app.nvt.grdc.com.au. Reference to NVT does not imply NVT endorsement.



Source: GRDC National Variety Trials 2025 GLY MET (MRZ–HRZ, AgZones 2, 3, 5 and 6). NVT Long Term MET analysis. Reproducible at app.nvt.grdc.com.au. Reference to NVT does not imply NVT endorsement.

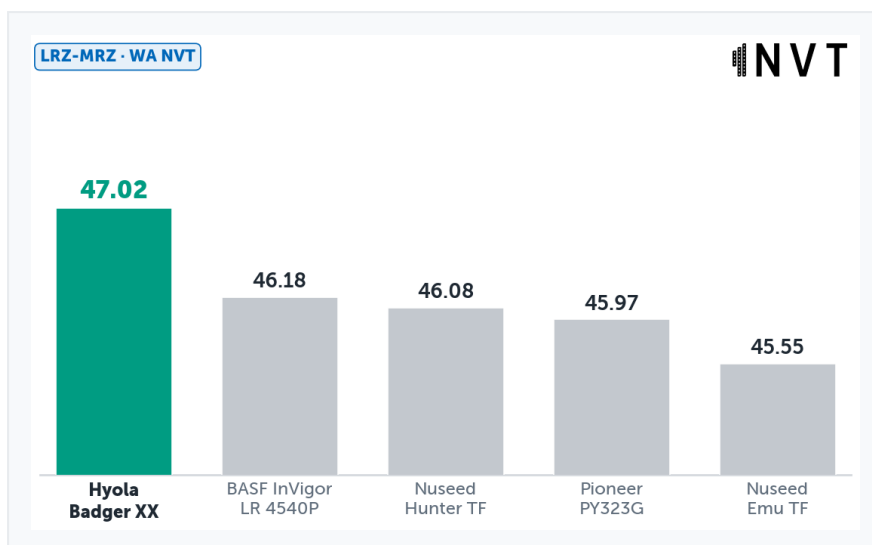
WHERE IT LEADS

Across 12 GRDC NVT GLY MET trials in WA LRZ–MRZ in 2025, Badger XX indexed 113, ahead of Nuseed Hunter TF (111), BASF InVigor LR 4540P (111), Pioneer PY428R (107), Nuseed Emu TF (107) and Pioneer PY323G (103).

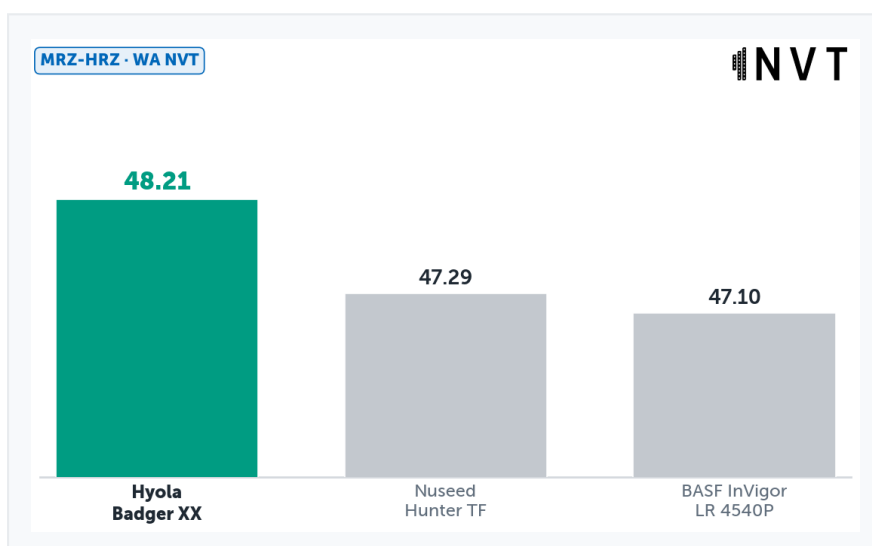
IMPORTANT FLAG

While yield results in HRZ zones are very positive, Badger XX's moderate lodging resistance under waterlogged conditions means it is best adapted to LRZ–MRZ.

02 Higher oil than every named competitor



Source: GRDC National Variety Trials 2025 GLY MET, WA AgZone, 12-trial mean oil at 6% MC (LRZ-MRZ, AgZones 1, 2, 4 and 5). NVT Long Term MET analysis. Reproducible at app.nvt.grdc.com.au. Reference to NVT does not imply NVT endorsement.



Source: GRDC National Variety Trials 2025 GLY MET, WA AgZone, 12-trial mean oil at 6% MC (MRZ-HRZ, AgZones 2, 3, 5 and 6). NVT Long Term MET analysis. Reproducible at app.nvt.grdc.com.au. Reference to NVT does not imply NVT endorsement.

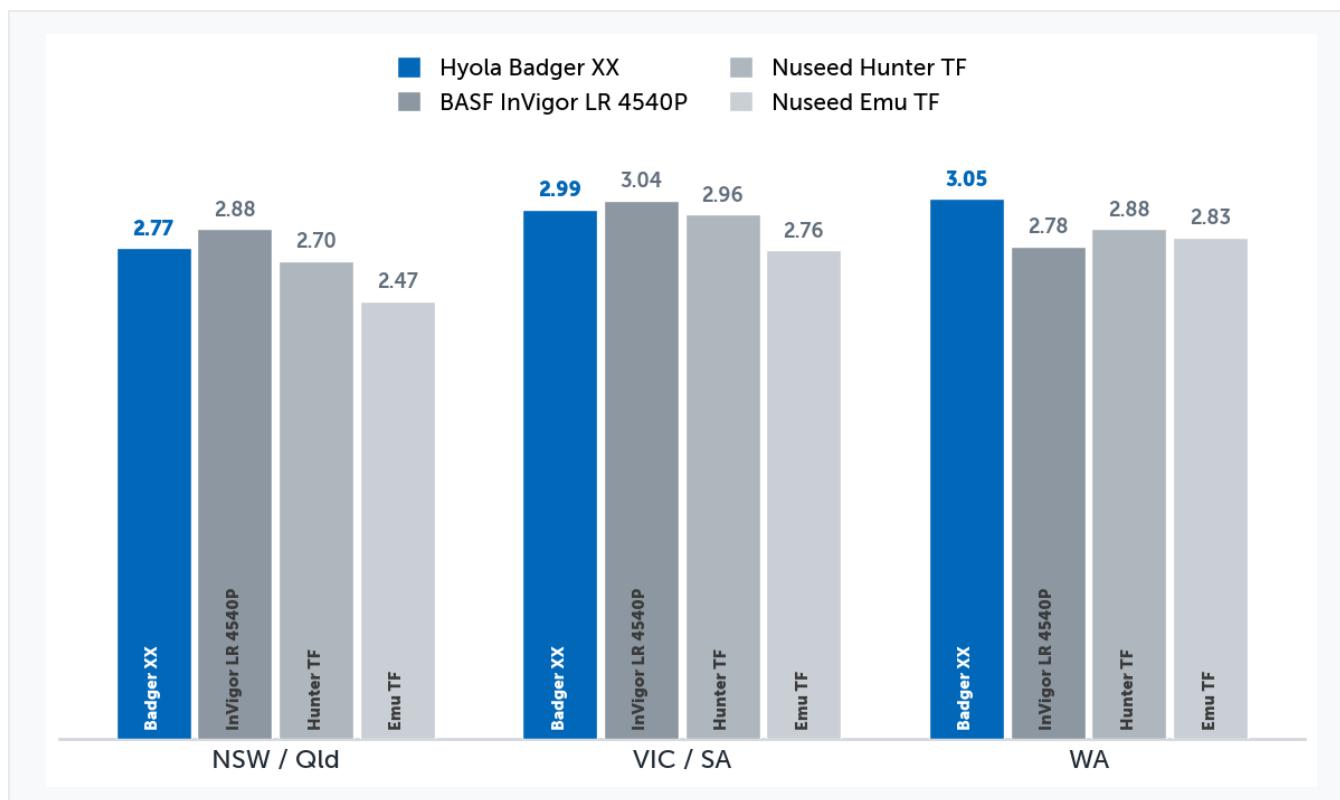
WHERE IT LEADS

Badger XX mean oil sits ~0.8 to 1.5% higher than every named competitor in LRZ-MRZ (AgZones 1, 2, 4 and 5), and ~1% higher than every named competitor in MRZ-HRZ (AgZones 2, 3, 5 and 6).

IMPORTANT FLAG

Comparative claim is segment-specific (Nuseed Hunter TF and BASF InVigor LR 4540P are the named LRZ-MRZ comparators). For some end-use markets (e.g. stockfeed) the oil bonus may not apply.

Regional yield, Innovation Systems Trials



Badger XX is the clear standout in WA in the Pacific Seeds 2024–25 Innovation Systems Trials regional means, ahead of the named comparator set by 0.17 t/ha or more. In VIC/SA and NSW/Qld the variety sits competitive. The WA AgZones are where Badger XX leads decisively. Pioneer PY428R was not included in the 2024–25 Pacific Seeds Innovation Systems Trials set, so does not appear in this chart. Pioneer PY323G was tested in 2024 sites only (15 of the 29 environments), so is excluded for sample-size consistency with the 29-environment mean framing. Refer to the GRDC NVT yield charts above for PY428R and PY323G yield rankings. Source: Pacific Seeds Innovation Systems Trials 2024–25, 29-environment regional means. Compare across more varieties at pacificseeds.com.au/canola-yield-tool.

03 Setting expectations early

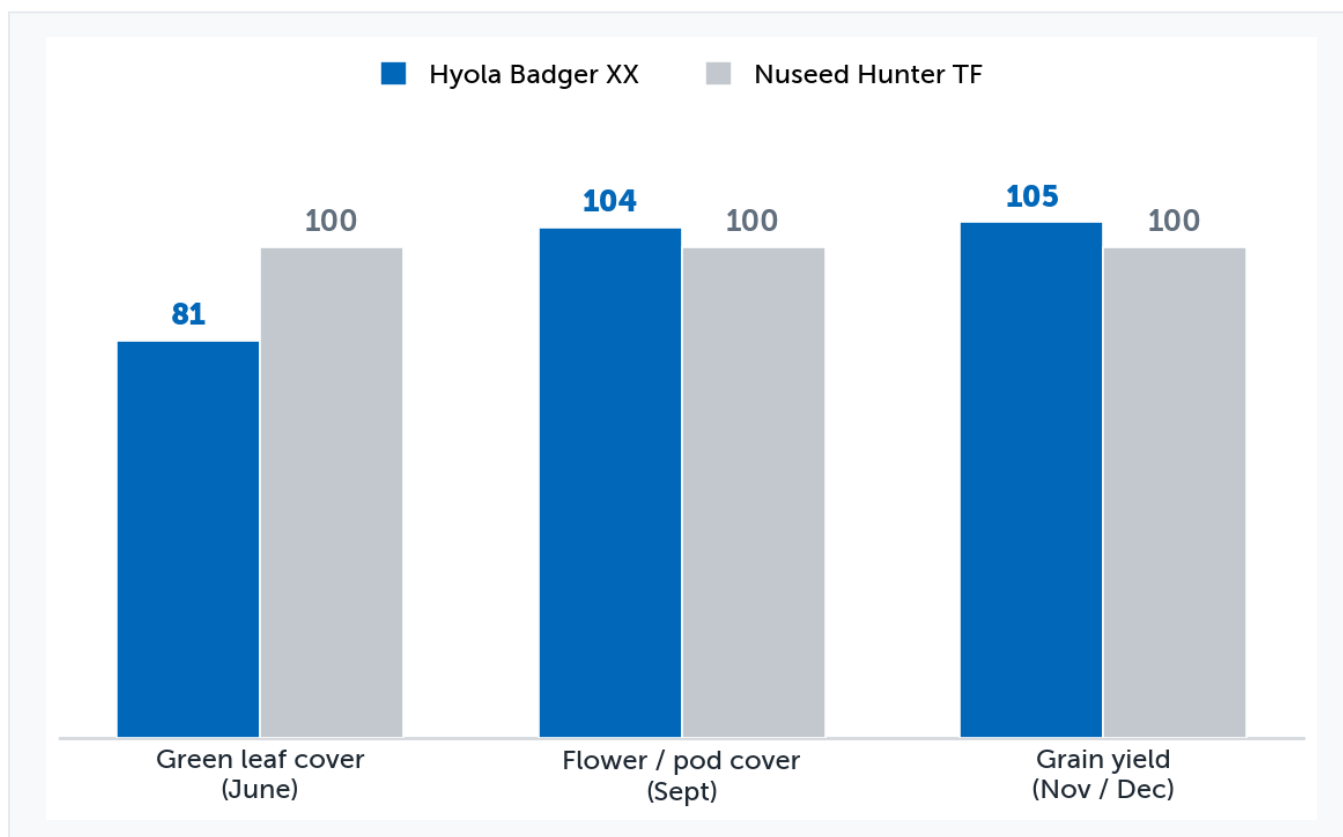
Badger XX is slower to emerge and slower to establish ground cover than Nuseed Hunter TF and other TruFlex hybrids. Expect to see fewer plants up at establishment and a more open early canopy when planting the same target plant population; the photos below demonstrate the visual difference to be expected. The canopy builds through elongation to flowering stages, and by harvest Badger XX finishes ahead of Hunter TF on both yield and oil, validated by drone-tracked phenology across multi-environment trials.

WHAT TO EXPECT IN THE Paddock

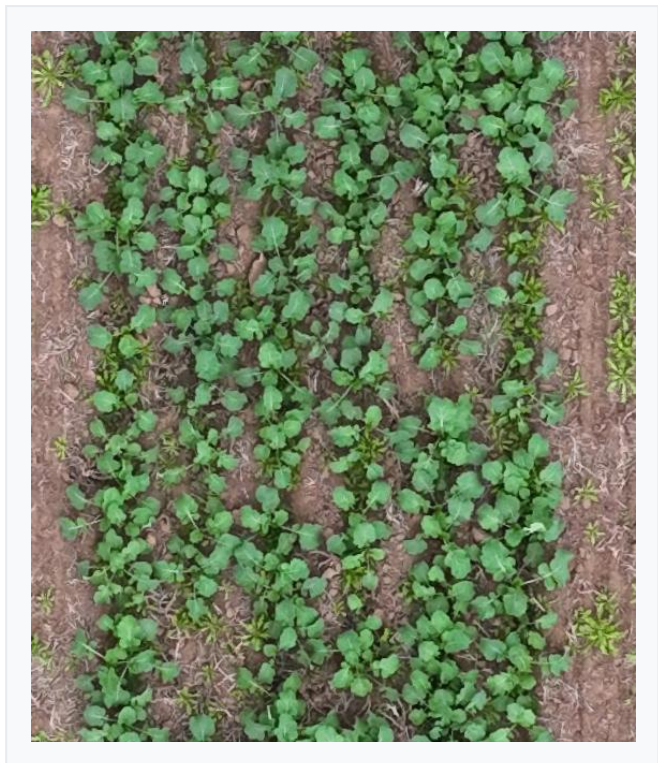
The slower start is to be expected; it is driven by the background genetics, and the same pattern has shown consistently across Pacific Seeds and third-party trials. The yield results at harvest speak for themselves. The message is plain: slow out of the ground, strong at harvest.

Slower early, ahead by harvest

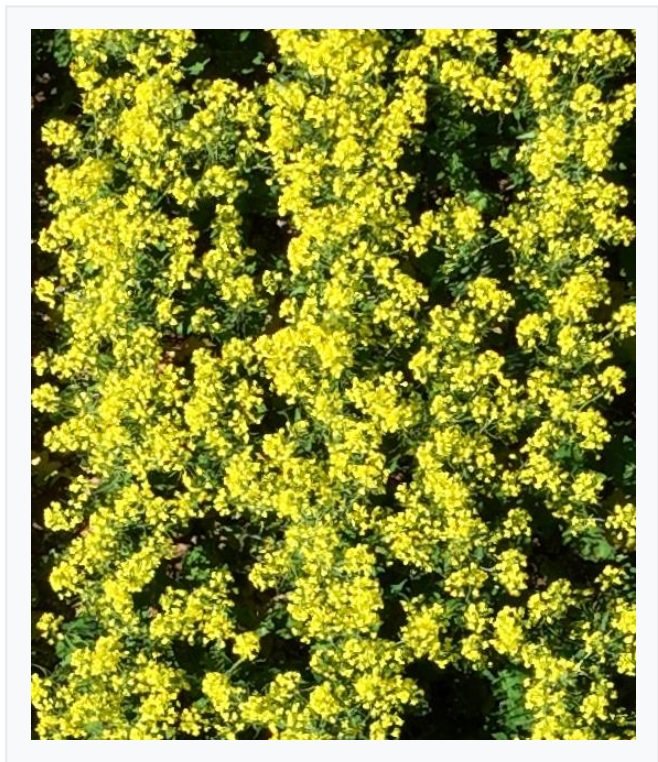
The early gap is real: Badger XX is slower than Nuseed Hunter TF to put on early leaf, and the drone data tracks the whole arc across the season. Indexed to Nuseed Hunter TF = 100, Badger XX sits at 81 for green leaf cover in June, 104 for flower and pod cover in September, and 105 for grain yield in November to December. The physiology behind it: Badger XX partitions less into early leaf and more into branches, flowers and pods, with multi-basal branching, longer racemes and extended pods that build the yield.



Badger XX drone-tracked canopy and yield across crop stages, indexed to Nuseed Hunter TF = 100. The early green-leaf gap is real and expected; flower and pod cover and grain yield both finish ahead of Hunter TF. Source: Pacific Seeds Innovation Systems Trials 2025, drone-tracked phenology (DJI Matrice 4E) across crop stages, replicated across Australia.



Established plants and green leaf canopy cover %. Badger XX (left) and Nuseed Hunter TF (right). The early-canopy gap is visible; the canopy builds through elongation to flowering stages and finishes ahead of Hunter TF on yield and oil by harvest, validated by drone-tracked phenology across multi-environment trials. Pacific Seeds Innovation Systems Trials 2025.



Flowering pod cover, same trial. Badger XX (left) starts behind Nuseed Hunter TF (right) on early canopy, then draws ahead in canopy and pod cover by flowering and runs further ahead by harvest. The early-stage gap closes and reverses; the harvest result is the yield evidence above. Pacific Seeds Innovation Systems Trials 2025.

INTRODUCING A PACIFIC SEEDS TRAIT

PodShield increased harvest flexibility

PodShield holds pods intact for longer when maturity is delayed or winds increase, helping reduce potential shatter loss and end-of-harvest risk. This gives growers more flexibility when direct heading, or if swathing is delayed.

04 PodShield: pods that hold longer, paddock to header

Badger XX carries the PodShield trait. PodShield holds pods intact for longer, even when maturity is delayed or winds increase before harvest. That gives the grower harvest flexibility: direct head, or delay swathing, with less shatter loss and less risk at the end of the harvest. The trait pairs with the medium-tall stature and moderate lodging resistance to carry yield through to the header.

PodShield hybrids are screened by random impact pod testing on a Geno/Grinder, which homogenises randomised field samples and rates them low, moderate or high for shatter tolerance through multi-timed vibration. Testing is replicated across a diverse range of Australian canola environments against a dedicated set of industry controls. Source: Pacific Seeds PodShield trait development programme.

IMPORTANT FLAG

PodShield positioning is an enhanced generic shatter defence; there is currently no industry standard method for quantifying shatter tolerance. For more detail on how Pacific Seeds classifies shatter tolerance, speak to Justin Kudnig or Andrew Heinrich via your Pacific Seeds TM.



Random impact shatter test. Pods from a current hybrid without PodShield (left) break open and shed seed; pods from a PodShield hybrid (right) stay intact and hold their seed. PodShield holds pods together for longer when maturity is delayed or winds increase before harvest. Source: Pacific Seeds PodShield trait development programme, random impact pod testing (Geno/Grinder methodology).



Badger XX at the pod-fill stage. Longer pods hold through the direct-harvest window and reduce shatter risk when maturity is delayed or winds increase. Pacific Seeds Innovation Systems Trials 2025.

Agronomic specifics			BADGER XX
ATTRIBUTE	VALUE	SOURCE	
Yield adaptability	1.0 to 3.5 t/ha; higher yields than Emu TF, PY428R, PY323G, Hunter TF and InVigor LR 4540P in WA	GRDC NVT 2025 GLY MET	
Maturity	Early-Mid (4): 2-3 days earlier than Nuseed Hunter TF, 2-3 days later than Emu TF	Pacific Seeds Innovation Systems Trials 2024-25	
Plant vigour	7.5; slower to emerge and slower to establish ground cover than Nuseed Hunter TF; the canopy builds through to harvest (see Setting expectations early)	Pacific Seeds Innovation Systems Trials 2024-25	
Plant height	Medium-Tall	Pacific Seeds Innovation Systems Trials 2024-25	
Lodging resistance	Moderate (excellent standability in LRZ-MRZ growing zones)	Pacific Seeds Innovation Systems Trials 2024-25	
Growing zones	LRZ-MRZ (1.0 t/ha to 3.5 t/ha across Australia)	GRDC NVT 2025 GLY MET + Pacific Seeds Innovation Systems Trials 2024-25	

Disease ratings				BADGER XX
FORM	RATING	PROVISIONAL	SOURCE	
Saltro	R (P*)	Yes	Pacific Seeds 2025 internal Blackleg screening	
UCI	R (P*) (high levels of UCI resistance)	Yes	Pacific Seeds 2025 internal Blackleg screening	
Bare	R (P*)	Yes	Pacific Seeds 2025 internal Blackleg screening	
Blackleg groups	CH (contains Rlm 7 gene for crop rotation differentiation)	No	Pacific Seeds 2025 genotype panel	
Provisional-rating timeline: (P*) marker removed once 2026 Marcroft Grains Pathology final screening confirms the rating, expected Q1 2027. (P*) is internal Pacific Seeds provisional.				

Source list	
SOURCE	WHAT THIS DOC DRAWS FROM IT
GRDC National Variety Trials 2025 (GLY MET, LRZ-MRZ AgZones 1, 2, 4, 5 and MRZ-HRZ AgZones 2, 3, 5 and 6)	Independent third-party multi-environment yield and oil comparisons against named competitor varieties. Reproducible at app.nvt.grdc.com.au .
Pacific Seeds Innovation Systems Trials 2024-25 multi-environment trials	Per-variety agronomic observations, drone-tracked phenology, multi-environment yield validation. Preliminary marker preserved where applicable.
Pacific Seeds 2025 internal Blackleg screening (provisional)	Saltro, UCI and bare ratings; Blackleg group genotyping.
Pacific Seeds PodShield trait development programme	Geno/Grinder testing methodology, replicated across Australian canola growing regions.

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