

Combining extra yield potential with PodGuard® flexibility

One of only two PodGuard and InVigor® varieties released so far, InVigor R 5520P is a new RR hybrid with very high yield potential in medium and high rainfall zones. Trial results have been very positive, and our expectation is that, like IH51RR, InVigor R 5520P will perform even better in the paddock for growers who take full advantage of its outstanding harvest timing flexibility.

- The first Australian InVigor branded variety with Bayer's unique pod shatter reduction trait technology.
- Minimised shattering provides a PodGuard Paddock Advantage, even without extreme weather events, with an average yield benefit measured at 11% in 2015.
- Mid maturity with an extended harvest window.
- Windrow or direct-head later, achieving maximum pod fill.



What's behind the name?



With later maturity than IH51RR and even higher yield potential, InVigor R 5520P is now the preferred PodGuard variety in medium to high rainfall areas.

Variety description

Herbicide tolerance:	Roundup Ready hybrid variety
Blackleg grouping:	AC
Blackleg rating:	R (treated with Jockey® Stayer®)
Alternative to: Other RR hybrids TT varieties	45Y25, GT53, Hyola® 600RR Mako, Gem, Bonito
Flowering maturity:	Mid
Vigour:	High
Yield range:	2–4 t/ha
Oil:	High
Plant height:	Medium
Lodging resistance:	Good
PodGuard:	Yes

Seed size (indicative only)

Seeds per kg:	200,000 [†]
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[†]Based on preliminary seed productions.

Suggested growing areas for InVigor R 5520P



Seed treatments

Jockey Stayer Vital early-season blackleg suppression.

PONCHO PLUS Systemic broad-spectrum control of wireworm, cutworm, aphids, redlegged earth mites and blue oat mites, and suppression of lucerne fleas.

THE PODGUARD[®] PADDOCK ADVANTAGE



Canola without the compromises

Without the added security and flexibility of PodGuard, growing and – especially – harvesting canola involves compromises at every stage. Windrowing and harvest timings are largely dictated by the risk of yield loss through pod shatter. But of course, harvesting before canola reaches its peak causes yield loss in itself.

PodGuard changes the whole equation. With such a low risk and incidence of shattering, growers have the freedom to:



Wait until up to 90% colour change to windrow



Plant extra canola with more time to harvest



Direct-head rather than windrow



Worry less about the threat of extreme weather



Allow time for the whole paddock to mature



Rely on the pods being very secure



Harvest more valuable crops first



Enjoy the PodGuard Paddock Advantage

PODGUARD GAVE 11%* MORE IN 2015

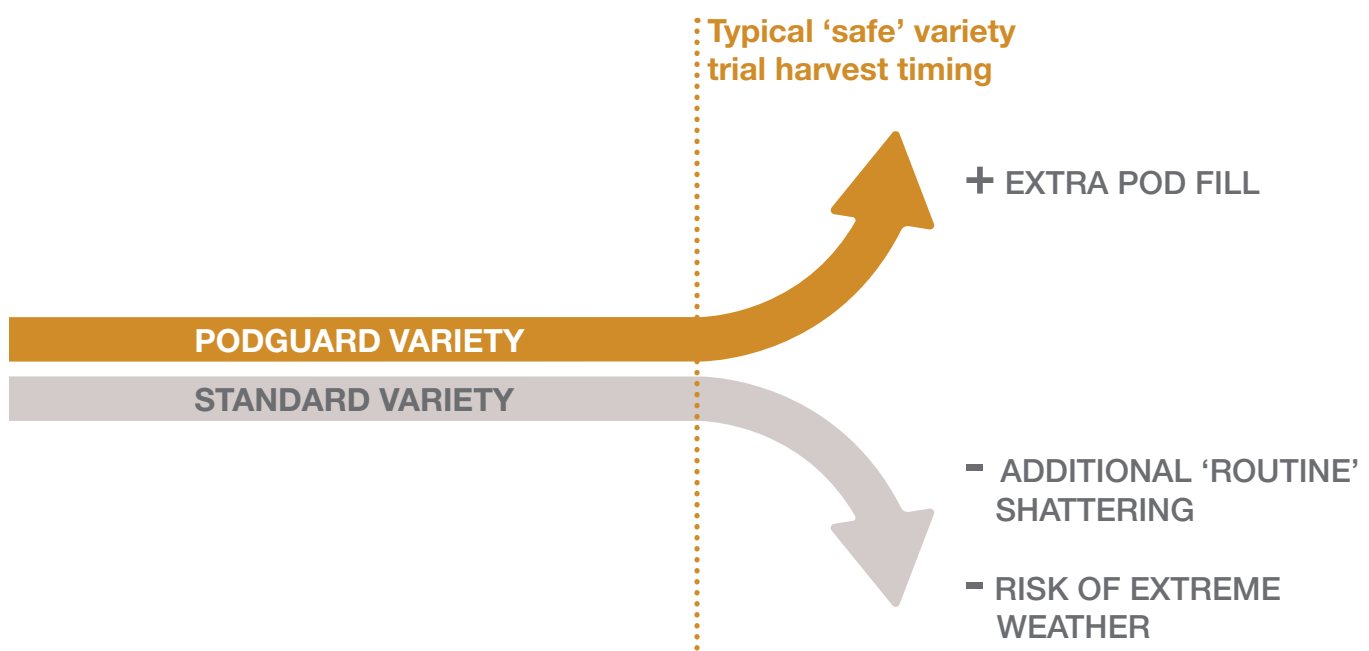
Some level of 'routine' pod shattering occurs in nearly all canola crops and – because it's such a regular occurrence – goes almost unnoticed. It happens:

- When ripe pods over-mature while you harvest other crops.
- When part of a paddock matures more quickly than the rest.
- During the windrowing process.
- During harvesting, whether direct-heading or picking up windrows.

Variety trials are normally desiccated and harvested at 'safe' timings that suit shattering varieties but are typically too early to show the full advantages of PodGuard.

In 2015 Bayer collected data from growers that showed an average difference between NVT results and the commercial crop yields of PodGuard varieties of +11%.

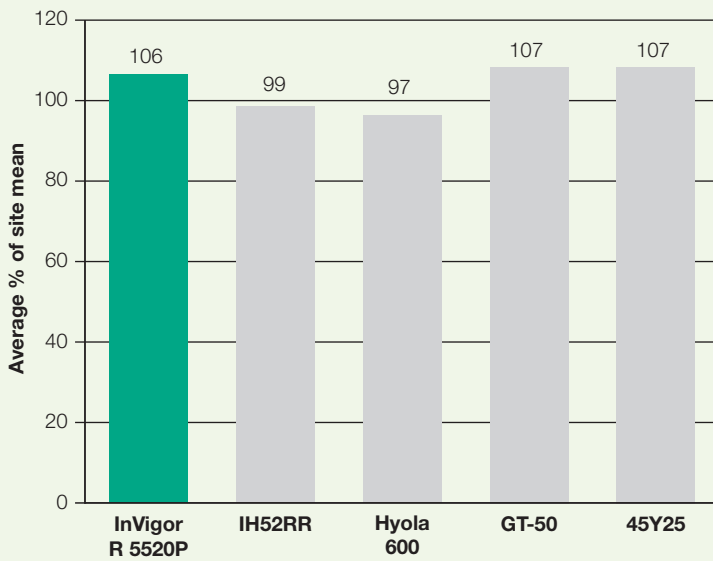
The PodGuard paddock advantage in 'extra time'



* When 26 paddock demonstration results were compared with all the NVT results involving IH51RR and its key competitors across Australia in 2015, IH51RR did an average of 11% better in growers' paddocks. The PodGuard trait has been shown time and again to improve varietal yields in the paddock compared to small-plot variety trials.

Very strong yields under normal conditions...

Average of all 11 common 2015 NVTs Australia-wide

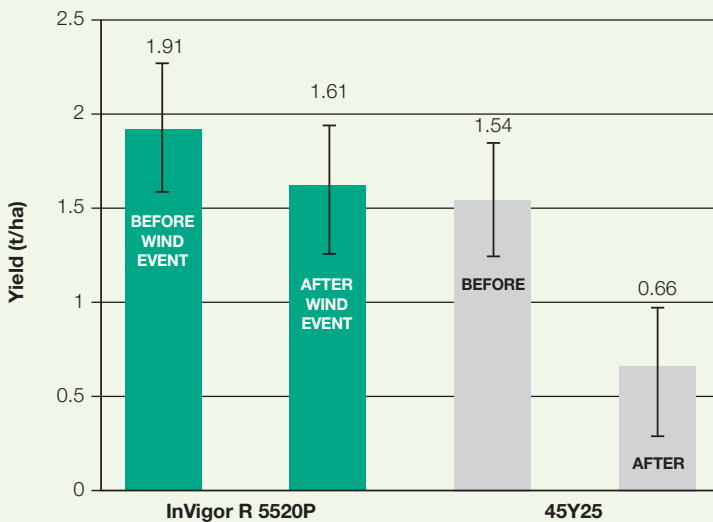


Trial IDs: CMRA15NEUA3, CMRA15WUNG3, CMRA15LOCK2, CMRA15PARK2, CMRA15YARR3, CMRA15HAMI3, CMRA15COOT2, CMRA15GREN2, CMRA15GERO2, CMRA15KOJO6, CMRA15ST.S6.



...with an unbeatable advantage when things turn nasty

This graph shows the drop in yield when InVigor R 5520P and 45Y25 were harvested before and after a shattering event, demonstrating that PodGuard varieties are in a league of their own for shattering tolerance. Even after being hit by 100 km/h winds, InVigor R 5520P delivered a higher yield than 45Y25 had provided before it.



2015 SFS trial at Lake Bolac when both varieties were direct-headed both before and after a 100 km/h wind event.

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