



PIONEER
BRAND · SEEDS



Hybrid Guide

2023 – 2024

*Introducing
Optimum GLY®
canola hybrids.*

Maximise yield potential through enhanced weed control.

**View our hybrids
online**

Use your
smartphone to
scan the code



1800 PIONEER
pioneerseeds.com.au

Pioneer® brand seeds are produced and distributed in Australia by GenTech Seeds, a Yates Family Business



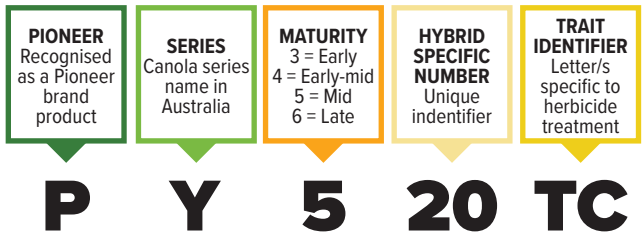
WHAT YOU
SEED
IS WHAT
YOU GET



What's new in 2023

Pioneer canola hybrid naming conventions

All Pioneer brand canola hybrid names will move to a new naming convention from 2023 onwards. New canola hybrid names will begin with the Letter **P** (indicating a Pioneer brand hybrid) followed by a "Series" identifier (Y Series® in Australia); three numbers – the first of which indicates the crop maturity – then a unique number designated to the hybrid; lastly, the name will have letters to signify specific traits such as **TC** (Triazine Tolerant and Clearfield® combination), **C** (Clearfield®) and **G** (Optimum GLY® herbicide tolerance).



Optimum GLY® trait technology a big step forward

The global announcement by Corteva™ Agriscience of the commercial launch of Optimum GLY® trait technology for canola into Australia has been welcomed by GenTech Seeds Pty Ltd, the producer and distributor of Pioneer brand Seeds in Australia.

The advanced herbicide tolerant trait technology will provide Australian canola growers with enhanced weed control and a later window of herbicide application, compared to first-generation glyphosate technologies.

Optimum GLY® canola hybrids have been bred to deliver reliable yield potential and agronomic trait performance, along with providing growers with a greater measure of control over their crop through greater choice and versatility along with effective and responsible weed management solutions.

The introduction of Pioneer Y Series canola hybrids with the Optimum GLY® trait represents a significant step forward for the industry. Optimum GLY® technology will be commercially available in Australia in 2024. The focus this season will be to introduce the Optimum GLY® canola hybrids through field demonstrations, along with preparing for the 2024 sowing season with licensing and communication regarding trait stewardship.

Our hybrids & herbicide types

Optimum GLY®

p 4

NEW in 2024 – Optimum GLY® is a breakthrough 3rd generation glyphosate tolerant canola trait technology designed to optimise sustainable weed control. It delivers excellent yield potential through, improved crop safety, enhanced weed control and a later window of application.

Clearfield® Trait

p 6

Pioneer® brand canola with the Clearfield® trait delivers a holistic trait and herbicide solution to growers. Growers can depend on excellent standability, yield potential and enhanced weed control.

Triazine Tolerant + Clearfield®

p 11

Pioneer® brand canola with Triazine + Clearfield® herbicide tolerance traits provide versatility in weed control and group 2 herbicide residual management. Based on our market leading Y Series® germplasm, specifically bred and tested for Australian canola growers.

Roundup Ready®

p 12

Pioneer® brand canola with the Roundup Ready® trait delivers excellent weed control along with outstanding yield potential, superior agronomic traits and leading disease resistance.



NEW

PY422G



A new era of innovation, performance and weed control for the early-mid maturity canola segment

The first Optimum GLY® herbicide tolerance canola hybrid for Australian canola growers. This early-mid maturity Y Series® hybrid offers a breakthrough of market leading genetics. You can be confident that the outstanding package of market leading performance, agronomics you have come to expect of Pioneer's Y Series® genetics in conjunction with innovative weed management solutions, can deliver more profitable crop rotations to your farm.

Agronomic Profile

Grain Oil Content



Crop Standability



Plant Vigour



Shatter Tolerance



Plant Height



Poor (1) – Excellent (9)

Product type: Y Series® Optimum GLY® herbicide tolerance hybrid.

Herbicide tolerance trait: Tested for tolerance to the registered formulation of Nufarm CRUCIAL & weedMaster DST herbicides for in-crop application in canola.

Maturity: Early-mid season (4)

Phenology Class: Mid-fast (provisional)

Blackleg rating: NA*

GRDC Blackleg group: NA*

* Being assessed in GRDC MGP 2023 screening



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Be the first to grow Pioneer's breakthrough glyphosate-tolerant canola hybrids.

Scan the QR code to view the TUA on corteva.com.au

NEW **PY525G**



Combining market leading versatility with outstanding performance

The first mid-maturity Optimum GLY® herbicide tolerance canola hybrid released into the Australian market, based on the market leading Pioneer® Y Series® germplasm, specifically bred and tested for Australian canola growers.

Agronomic Profile

Grain Oil Content



Crop Standability



Plant Vigour



Shatter Tolerance



Plant Height



Poor (1) – Excellent (9)

Product type: Y Series® Optimum GLY® herbicide tolerance hybrid.

Herbicide tolerance trait: Tested for tolerance to the registered formulation of Nufarm CRUCIAL & weedMaster DST herbicides for in-crop application in canola.

Maturity: Mid season (5)

Phenology Class: Mid (provisional)

Blackleg rating: NA*

GRDC Blackleg group: NA*



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* Being assessed in GRDC MGP 2023 screening

○ Recommended for me

Growers will be required to complete applicable stewardship training and will be required to complete a Technology Use Agreement (TUA) prior to obtaining, planting, or growing seed containing the Optimum GLY® trait.



43Y92CL



Unmatched returns in low to medium rainfall environments assist risk management

The earliest maturity Y Series® hybrid with Clearfield® technology displays exceptional adaptability and yield for maturity. This hybrid demonstrates robust yields under stress, assisting in risk management in low to medium rainfall environments. Exceptional early growth delivers effective weed control results through superior crop competition and early canopy closure.

Agronomic Profile

Grain Oil Content



Crop Standability



Plant Vigour



Shatter Tolerance



Plant Height



Poor (1) – Excellent (9)

Product type: Y Series® Clearfield® hybrid.

Herbicide tolerance trait: Tested for tolerance to imidazolinone herbicides, OnDuty® and Intervix®.

Maturity: Early season (3)

Phenology Class: Mid-fast

GRDC Blackleg group: B

Blackleg rating: R*

* 2023 official GRDC MGP rating with BetaStrike Plus Seed Applied Technologies



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NEW PY421C



New hyper yielding Clearfield[®] hybrid, suited to a wide area of adaptation

A new game changing Y Series[®] hybrid offering unmatched performance and consistency in the early-mid maturity Clearfield[®] segment, demonstrating exceptional adaptability and yield for maturity.

Agronomic Profile

Grain Oil Content



Plant Vigour



Plant Height



Crop Standability



Shatter Tolerance



Poor (1) – Excellent (9)

Product type: Y Series[®] Clearfield[®] hybrid.

Herbicide tolerance trait: Tested for tolerance to imidazolinone herbicides, OnDuty[®] and Intervix[®].

Maturity: Early-mid season (4)

Phenology Class: Mid-fast

GRDC Blackleg group: A, C

Blackleg rating: R*

* 2023 official GRDC MGP rating with BetaStrike Plus Seed Applied Technologies



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44Y94CL



The benchmark hybrid in the early-mid season Clearfield® segment

This Y Series® hybrid offers an impressive package of agronomic traits and performance. Excellent early season growth coupled with outstanding yield and oil potential delivers greater returns per hectare.

Agronomic Profile



Poor (1) – Excellent (9)

Product type: Y Series® Clearfield® hybrid.

Herbicide tolerance trait: Tested for tolerance to imidazolinone herbicides, OnDuty® and Intervix®.

Maturity: Early-mid season (4)

Phenology Class: Mid

GRDC Blackleg group: B, C

Blackleg rating: R*

* 2023 official GRDC MGP rating with BettaStrike Plus Seed Applied Technologies



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45Y93CL



Y Series® Clearfield® Herbicide Tolerance

Our longest maturity Clearfield® hybrid with the flexibility to plant early and take advantage of grazing opportunities. This mid-maturity Y Series® hybrid exhibits extremely high yield potential and maintains the benchmark in this segment. The phenology and mid maturity makes this hybrid a perfect choice for high yielding environments where early sowing is desired.

Agronomic Profile

Grain Oil Content



Plant Vigour



Plant Height



Product type: Y Series® Clearfield® hybrid.

Herbicide tolerance trait: Tested for tolerance to imidazolinone herbicides, OnDuty® and Intervix®.

Maturity: Mid season (5)

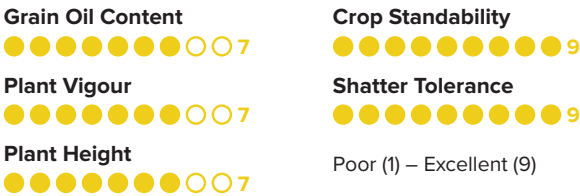
Phenology Class: Mid-slow

GRDC Blackleg group: B, C

Blackleg rating: R*

* 2023 official GRDC MGP rating with BetaStrike Plus Seed Applied Technologies

○ Recommended for me



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45Y95CL



Unmatched yields in higher production environments

Performance is the first thing that comes to mind when we talk about 45Y95CL. This hybrid has quickly become the go to for high yielding environments and early planting opportunities. A must have in your Clearfield® program.

Agronomic Profile

Grain Oil Content



Crop Standability



Plant Vigour



Shatter Tolerance



Plant Height



Poor (1) – Excellent (9)

Product type: Y Series® Clearfield® hybrid.

Herbicide tolerance trait: Tested for tolerance to imidazolinone herbicides, OnDuty® and Intervix®.

Maturity: Mid season (5)

Phenology Class: Mid-slow

GRDC Blackleg group: C

Blackleg rating: R*

* 2023 official GRDC MGP rating with BettaStrike Plus Seed Applied Technologies



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PY520TC

**TRIAZINE
TOLERANT**



Clearfield®
Production System for Canola

Bred from our trusted Y Series® genetic pipeline with the added benefit of Triazine & Clearfield® Technology

PY520TC is Pioneer's first proprietary triazine tolerant canola hybrid based on our market leading Y Series® germplasm. The added benefit of combining the triazine tolerant & Clearfield® herbicide tolerances adds greater flexibility to weed management strategies. PY520TC demonstrates a mid fast phenology when sown prior to the 15th April.

Agronomic Profile

Grain Oil Content



Crop Standability



Plant Vigour



Shatter Tolerance



Plant Height



Poor (1) – Excellent (9)

Product type: Y Series® Triazine Clearfield® combination tolerant hybrid.

Herbicide tolerance trait: Tested for tolerance to triazine herbicides, Simazine and Atrazine & to imidazolinone herbicides, OnDuty® and Intervix®.

Maturity: Mid season (5)

Phenology Class: Mid-fast

GRDC Blackleg group: B, C

Blackleg rating: R*

* 2023 official GRDC MGP rating with BettaStrike Plus Seed Applied Technologies



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44Y27RR



The early-mid Roundup Ready® hybrid benchmark for performance & returns

This elite Y Series® hybrid combines market leading yield potential, outstanding consistency and the economic bonus of excellent oil content to deliver the Y Series® genetic advantage. Coupled with an unmatched agronomic package of medium plant height, excellent standability and harvestability, makes for an easy decision when selecting a early-mid maturity Roundup Ready® hybrid.

Agronomic Profile



Poor (1) – Excellent (9)

Product type: Y Series® Roundup Ready® hybrid.

Herbicide tolerance trait: Tested for tolerance to the registered formulation of Roundup herbicide for in-crop application in canola.

Maturity: Early-mid season (4)

Phenology Class: Mid-fast

GRDC Blackleg group: B

Blackleg rating: R*

* 2023 official GRDC MGP rating with BetaStrike Plus Seed Applied Technologies



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Recommended for me

44Y30RR



Hyper yielding Roundup Ready® hybrid with a large area of adaptation

This hybrid has demonstrated the highest infield performance we have seen at Pioneer, quickly becoming the go to early-mid Glyphosate tolerant hybrid on the market. Demonstrating true early-mid phenology and maturity making it suited for a wide range of environments and conditions.

Agronomic Profile

Grain Oil Content



Plant Vigour



Plant Height



Crop Standability



Shatter Tolerance



Poor (1) – Excellent (9)

Product type: Y Series® Roundup Ready® hybrid.

Herbicide tolerance trait: Tested for tolerance to the registered formulation of Roundup herbicide for in-crop application in canola.

Maturity: Early-mid season (4)

Phenology Class: Mid-fast

GRDC Blackleg group: A, B

Blackleg rating: R*

* 2023 official GRDC MGP rating with BetaStrike Plus Seed Applied Technologies



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○ Recommended for me



45Y28RR



Exciting mid maturity Roundup Ready® hybrid that trumps the performance of current segment leaders

This exciting Y Series® hybrid combines market leading yield potential and oil content to deliver greater income per hectare. Coupled with an unmatched agronomic package of medium plant height, excellent standability and harvestability, makes for an easy decision when selecting a mid maturity Roundup Ready® hybrid.

Agronomic Profile

Grain Oil Content



Crop Standability



Plant Vigour



Shatter Tolerance



Plant Height



Poor (1) – Excellent (9)

Product type: Y Series® Roundup Ready® hybrid.

Herbicide tolerance trait: Tested for tolerance to the registered formulation of Roundup herbicide for in-crop application in canola.

Maturity: Mid season (5)

Phenology Class: Mid

GRDC Blackleg group: B, C

Blackleg rating: R*

* 2023 official GRDC MGP rating with BetaStrike Plus Seed Applied Technologies



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○ Recommended for me



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Y do growers choose Pioneer® canola hybrids?

- ✓ Extensive research,
development and trialling.
- ✓ Reliable performance.
- ✓ Trusted Pioneer® genetics.

That's Y



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WHAT YOU
SEED
IS WHAT
YOU GET



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Your seed is backed by local experience.

With dedicated and highly skilled team members located right throughout Australia you can be sure of accessing the best local knowledge to help you maximise your investment in Pioneer® brand hybrid seed.

-  Territory Sales Managers
-  Farm Service Consultants



Scan the QR Code to

*get in touch
with us today.*

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