



PIONEER
HUNDRED YEARS

2026 HYBRID RANGE
WINTER OSR



CORTEVA
agriscience



A bag weigher used for WOSR Pioneer Accurate Crop Testing System (PACTS®) trials. Combine discharges are weighed using the electronic console, a grain sample is taken for moisture and oil analysis, and the grain is then released from the bag into the trailer.

HYBRIDS

PT303



Protector® Sclerotinia, Verticillium Stem Stripe, TuYV

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PT312



Protector® Sclerotinia, Pod Shatter tolerant, Verticillium Stem Stripe, TuYV, High Oil

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PT315

Pod Shatter resistant, TuYV, High Oil

page 12-13

PT322 **NEW**



Protector® Sclerotinia, Pod Shatter tolerant, Verticillium Stem Stripe, TuYV, Very High Oil, Phoma LmS

page 14-16

LumiGEN

Premium seed treatment options

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KEY CONTACT DETAILS

Your Pioneer local contacts

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For further information about Pioneer Oilseed Rape hybrids, please visit:

www.corteva.com/uk/pioneer/oilseed-rape

Pioneer hybrids detailed within contain OGU-INRA Technology from INRA, France.

AHDB data referenced can be found in full at www.ahdb.org.uk

Winter Oilseed Rape comparative agronomic descriptions 2026

	Traits and characteristics summary	Trial Information	Oil content (%)	Lodging resistance	Stem stiffness	Autumn vigour	Height (cm)	Light Leaf Spot	Stem Canker	Protector® Sclerotinia tolerance	Verticillium Stem Stripe resistance	Turnip Yellows Virus (TuYV) resistance	Pod Shatter resistance	Earliness of flowering	Earliness of maturity	Commercial launch year	Trail data source
PT303	Protector® Sclerotinia, Verticillium Stem Stripe, TuYV	AHDB UK Recommended, 2024	45.7	8	8	6.0	157	7	6	✓	PR**	✓	-	5	5	2021	1/2/3/4
PT312	Protector® Sclerotinia, Verticillium Stem Stripe, Pod Shatter tolerant, TuYV, High Oil	UK National Listed 2023	47.6	9	8	6.0	165	5	7	✓	PR**	✓	✓:T*	4	7	2023	2/3/4
PT315	Pod Shatter, TuYV, High Oil	UK National Listed 2023	46.8	9	8	6.9	169	6	6	-	-	✓	✓:R*	6	7	2023	2/3/4
PT322	Protector® Sclerotinia, TuYV, Phoma Lms, High oil	UK National Listed 2025	47.9	7	7	6.0	150	7	8	✓	PR**	✓	✓:T*	6	6	2025	2/3/4

TuYV = Turnip Yellows Virus resistance; Lms = Phoma genetic resistance type * R = Pod Shatter Resistant; T = Pod Shatter Tolerant

**PR = Partially Resistant, (Source: ADAS) Data source key: 1 = AHDB Database; 2 = Official UK Trial Results; 3 = ADAS; 4 = Pioneer Research



PT303, the hybrid with built-in tolerance to Sclerotinia and Verticillium Stem Stripe.

- Protector Sclerotinia tolerance
- Verticillium Stem Stripe partial resistance.
- Turnip Yellows Virus (TuYV) resistance.
- Strong autumn vigour and spring regrowth.
- Light Leaf Spot 7, Stem Canker 6.
- Resistance to late season stem-based disease.
- Later flowering – earlier maturing combination.
- Large stature with good lodging resistance and stem stiffness.

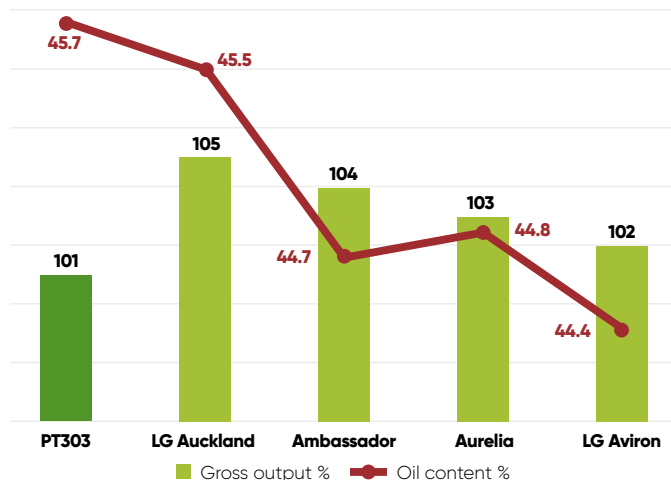


"In my opinion, PT303's disease package offers today's growers real peace of mind"

Beckie Blakemore Northern England and Scotland representative

Top level gross output

Gross output and oil content of PT303 versus selected varieties from the AHDB UK Recommended List 2024



Sclerotinia tolerance

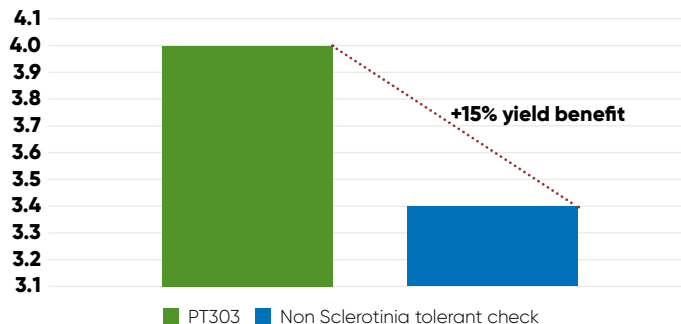
PT303 – the first hybrid to be marketed in the UK with a claim for tolerance to Sclerotinia. This yield sapping disease can reduce yields in commercial situations by up to 30%.

Significant yield loss can occur where flowering fungicide applications are missed or delayed – or just in years when Sclerotinia pressure is very high. PT303 Protector Sclerotinia can provide extra support for your crop when this unpredictable and highly damaging disease strikes.

PT303 Protector Sclerotinia yielded over 15% more than the non Sclerotinia tolerant check over 6 untreated trials*. At £450/t ex farm a 0.6t increase = £270 potential advantage per Ha.

*Pioneer research trials

Seed yield (t/ha)





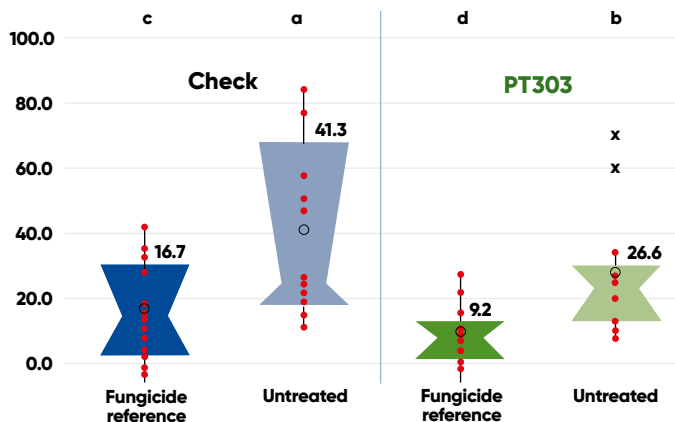
Non-tolerant comparator



Protector Sclerotinia

Impact of incidence of Sclerotinia infection, 2019-2021

% incidence in 13 trials



Incidence = frequency of stems infected by Sclerotinia sclerotiorum.

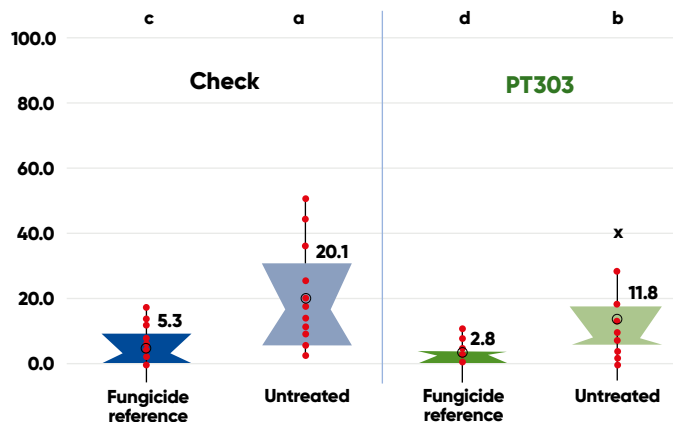
Sclerotinia Protector significantly reduced the number of infected stems.

Average reduction of 36%.

The variability of infestation of PT303 was significantly less than the check.

Severity of Sclerotinia impact, 2019-2021

% severity in 13 trials



Severity = intensity (extent) of Sclerotinia lesions.

Sclerotinia Protector significantly lowered the severity on plant stems.

Average reduction of 42%.

The reduction of the variability of lesions was very marked, even in untreated plots.

The efficacy of the fungicide treatments applied was also improved.

Verticillium Stem Stripe tolerance

ADAS tests at a UK location with a recent history of Verticillium have shown PT303 has partial resistance to Verticillium Stem Stripe. When combined with its tolerance to Sclerotinia this gives PT303 a unique potential to reduce the severity of yield robbing stem-based disease at harvest.

ADAS results at this location confirmed the ability of PT303 to quickly establish high levels of ground cover and grow rapidly in both the autumn and spring, even in a Verticillium infected site.

Verticillium stem stripe pre-harvest assessment

Variety	Verticillium incidence % of plants affected	Verticillium index (0-100 index)	Premature ripening %
PT303	62	28.0	31.2
PT312	69	33.6	32.6
PT315	81	50.8	57.7
Quartz	86	72.2	74.1
Campus	76	44.2	47.4
Flamingo	68	38.2	42.5

Source: ADAS 2024



ADAS Verticillium Stem Stripe results

Variety	Ground cover (% of area) Score 18/09/2023	Vigour score 18/09/23 (0–10 Index*)	Vigour score 25/10/2023 (0–10 Index)	Verticillium Stem Stripe trial rating
PT303	60.0	6.5	8.3	Partially resistant
PT312	62.5	6.0	8.1	Partially resistant
PT315	62.5	6.0	8.0	Moderately resistant
Quartz	60.0	5.8	7.6	Susceptible
Campus	50.0	5.0	6.8	Moderately susceptible
Flamingo	26.2	2.8	5.8	Partially resistant

*0 = lowest, 10 = highest

Stem health

PT303 stem health at maturity reduces premature senescence and its damaging effect on yield.



PT303



Leading competitor

Light Leaf Spot and Stem Canker

PT303 has broad agronomic strengths. It provides a resistance score of 7 Light Leaf spot and 6 for Stem Canker.

Phoma resistance is derived from both Rlm 7 and broad-based genetic resistance ensuring it is appropriate for high pressure situations.

Turnip Yellow Virus (TuYV) resistance

PT303 has TuYV resistance as confirmed by GEVES testing in France.

PT312 demonstrated high gross output yield with a very high oil content. It combines Protector Sclerotinia tolerance with partial resistance to Verticillium Stem Stripe and Turnip Yellows Virus resistance.

- Gross output of 109% in NIAB trials.
- Very high oil content of 47.6% in National List trials.
- Protector Sclerotinia tolerance.
- Partial Verticillium Stem Stripe resistance.
- Turnip Yellows Virus (TuYV) resistance.
- Stem Canker 7, Light Leaf Spot 5.
- Large stature hybrid that has scored 9 for lodging and 8 for stem stiffness.
- Pod Shatter tolerant.



"PT312 combines top-level performance with a great agronomic package."

Jonathan Bellamy Central England and North Wales representative

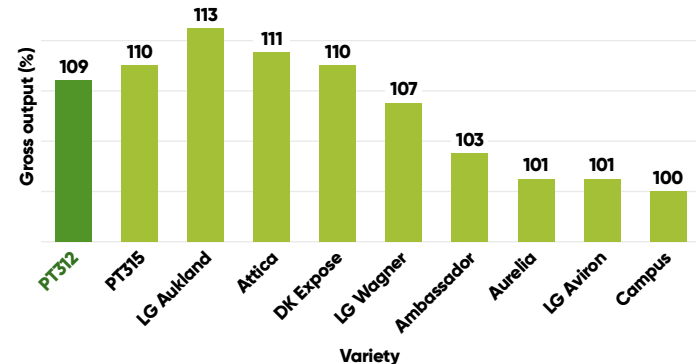
Top level gross output and agronomics

PT312 has given a very high gross output yield of 109% in NIAB trials.

This top-level yield performance comes with a unique agronomic package including Turnip Yellows Virus resistance and Sclerotinia tolerance.

PT312 scores 7 for Stem Canker resistance and 5 for Light Leaf Spot.

2023 NIAB WOSR variety trials - top gross output varieties, 5 locations



High oil

PT312 gave the highest oil content of any variety when tested in UK Official Trials. This level of oil content is likely to generate significant oil bonus payments. An illustration of the type of oil bonus payments that may be achieved can be seen in the table below.

PT312 potential oil bonus payment based on UK National List Trial results

Variety	Seed yield %*	Seed yield t/ha	Oil content %	Oil bonus payment £ per tonne	Oil bonus payment £ per ha
PT312	101	5.28	47.6	£51.30	£270.98
Campus	100	5.23	46.0	£40.50	£211.82
DK Expansion	101	5.28	46.0	£40.50	£213.93
Aurelia	104	5.44	45.4	£36.45	£198.26
Aspire	97	5.07	45.6	£37.80	£191.76

* 100% control seed yield, t/ha

Figures based on a crop value of £450/tonne and an oil bonus payment of 1.5% for every % above 40%

PT315 demonstrated a very high gross output yield with a very high oil content. It combines Pod Shatter resistance with Turnip Yellow Virus resistance.

- High gross output of 110% in NIAB trials.
- Very high oil content of 46.8% in UK Official Trials.
- Pod Shatter resistance.
- Turnip Yellow Virus (TuYV) resistance.
- High rating of 6.9 for early autumn vigour.
- Light Leaf Spot 6, Stem Canker 6.
- Phoma resistance based on RlmE and horizontal quantitative genetic resistance.
- Large stature hybrid that has scored 9 for lodging and 8 for stem stiffness.



"PT315 is a top-level, all round high scoring variety making it a good, very reliable choice."

Hefin Llwyd South West Promoter

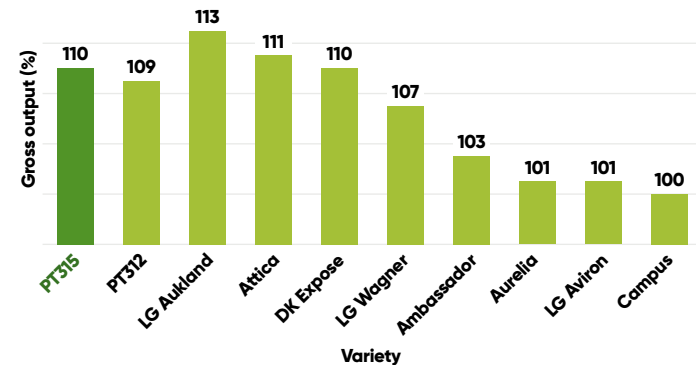
Top level gross output and agronomics

PT315 has given a very high gross output yield of 110% of the control yield in NIAB trials.

This top-level yield performance comes with a unique agronomic package including Pod Shatter resistance, Turnip Yellow Virus resistance and the highest autumn vigour score of any hybrid in the Pioneer range.

PT315 scores 6 for both Light Leaf Spot and Phoma resistance. The Phoma resistance is based on the RlmE resistance gene combined with broad horizontal quantitative resistance.

2022/23 NIAB WOSR variety trials – top gross output varieties (%), 5 locations



High oil

PT315 has given one of the highest oil contents of any variety when it was tested in UK Official Trials. This level of oil content is likely to generate significant oil bonus payments. An illustration of the type of oil bonus payments that may be achieved can be seen in the table below.

PT315 potential oil bonus payment based on UK National List Trials results

Variety	Seed yield %*	Seed yield t/ha	Oil content %	Oil bonus payment £ per tonne	Oil bonus payment £ per ha
PT315	105	5.49	46.8	£45.90	£252.06
Campus	100	5.23	46.0	£40.50	£211.82
DK Expansion	101	5.28	46.0	£40.50	£213.93
Aurelia	104	5.44	45.4	£36.45	£198.26
Aspire	97	5.07	45.6	£37.80	£191.76

* 100% control seed yield, t/ha

Figures based on a crop value of £450/tonne and an oil bonus payment of 1.5% for every % above 40%



NEW PT322

PT322 has a high gross output yield with a very high oil content. It combines Protector® Sclerotinia tolerance with Turnip Yellow Virus resistance and is Pod Shatter tolerant. PT322 scores an 8 for Stem Canker resistance due to its combination of broad background genetic resistance and specific LmS genetic resistance.

- High gross output of 98% in UK Official Trials.
- Top level oil content of 47.9%.
- Protector Sclerotinia tolerance.
- Turnip Yellow Virus (TuYV) resistance.
- Light Leaf Spot 7, Stem Canker 8
- Stem Canker resistance based on LmS and broad-based genetic resistance.



"Brand new for '26, PT322 is very high on yield, oil content and stem canker resistance."

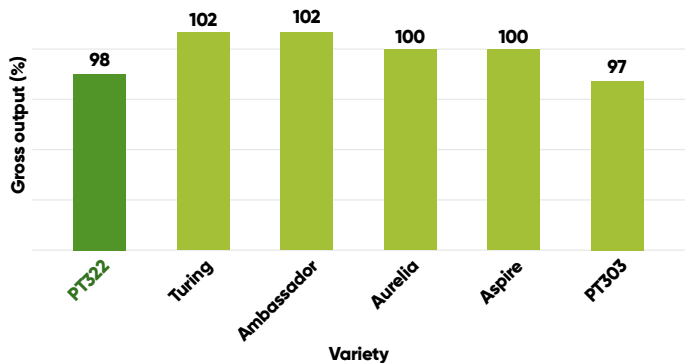
Pieter Botha South East Promoter

Top level gross output and agronomics

PT322 has given a high gross output yield of 98% of the control yield in UK Official Trials.

This top-level yield performance comes with a unique agronomic package including Protector Sclerotinia tolerance and Turnip Yellows Virus resistance. PT322 has scored an 8 for Stem Canker resistance and a 7 for Light Leaf spot resistance. It has given an exceptionally high oil content of 47.9%.

2022/24 UK Official Trial Results East/West Region



High oil

PT322 gave the highest oil content of any variety in 2023 and 2024 UK National List Trials. This level of oil content is likely to generate significant oil bonus payments. An illustration of the type of oil bonus payments that may be achieved can be seen in the table below.

PT322 potential oil bonus payment based on UK National List Trial results

Variety	Seed yield %*	Seed yield t/ha	Oil content %	Oil bonus payment £ per tonne	Oil bonus payment £ per ha
PT322	94	4.31	47.9	£53.33	£230.06
Turing	103	4.73	45.0	£33.75	£159.52
Ambassador	102	4.69	45.2	£35.10	£164.46
Aurelia	100	4.58	45.6	£37.80	£173.12
Aspire	99	5.53	46.0	£40.50	£183.45
PT303	97	4.45	46.3	£42.53	£189.31

* 100% control seed yield, t/ha

Figures based on a crop value of £450/tonne and an oil bonus payment of 1.5% for every % above 40%

LumiGEN™ is an industry-leading seed treatment portfolio brand that helps farmers establish healthy, uniform crops and maximise productivity. Pioneer Winter Oilseed Rape is available treated with two different LumiGEN options, namely LumiGEN Premium and LumiGEN Premium Powered by Lumiposa.

LumiGEN™

Lumiposa®

SEED APPLIED INSECTICIDE





"Lumigen seed treatments are proven to maximise crop productivity."

Chris Pashby North West Promoter

LumiGEN Premium

LumiGEN Premium is comprised of:

Scenic Gold™

Scenic Gold is a combination of Fluopicolide (200g/L) and Fluoxtrobin (150g/L). Scenic Gold's label claims include control of Phoma, Alternaria, Downy mildew and Damping-off (Rhizoctonia). Scenic Gold sets a new standard compared to existing solutions.

Lumidapt™ Optima

Lumidapt is a patented formulation technology. At a molecular level Lumidapt is a complex of humic and fulvic acid like compounds and bonded nutrients. Bonded nutrients are supplied in two forms – a natural form and a form chelated with EDTA (ethylene diamine tetra acetic acid). EDTA is a chelated agent that helps plants access micronutrients. Lumidapt Optima is the latest Lumidapt product.

LumiGEN Premium Insecticide Powered by Lumiposa

LumiGEN Premium Insecticide Powered by Lumiposa is comprised of Scenic Gold, Lumidapt Optima.

Lumiposa

Lumiposa™ is a seed applied insecticide for winter oilseed rape that delivers enhanced crop establishment. It reduces early season insect feeding damage and improves plant vigour thereby protecting yield. Lumiposa has activity against early-season insect pests, including cabbage root fly (*Delia radicum*). Lumiposa has no cross-resistance to other classes of insecticides.

LumiGEN TREATMENT NAME	LumiGEN COMPONENT PRODUCTS
LumiGEN PREMIUM	Scenic Gold + Lumidapt Optima
LumiGEN PREMIUM INSECTICIDE Powered by Lumiposa*	Scenic Gold + Lumidapt + Lumiposa

NOTE: All hybrid and seed treatment combinations are offered subject to availability. Some treatments may be substituted with different, but similar, component products.

For all enquiries about Pioneer Winter Oilseed Rape contact your local Corteva Representative. Their experience and local advice is available to help you maximise your success.

Seed and Silage Inoculants Sales Manager, UK and Ireland

Andy Stainthorpe
UK and Ireland

Mobile: 07801 183234
Email: andy.stainthorpe@corteva.com



Specialists

Beckie Blakemore
Northern England
and Scotland

Mobile: 07917 520707
Email: rebecca.blakemore@corteva.com



Jonathan Bellamy
Central England
and North Wales

Mobile: 07801 183233
Email: jonathan.bellamy@corteva.com



Promoters

Hefin Llwyd
South West Promoter

Mobile: 07350 371807
Territory: Somerset, Devon
and Cornwall



Chris Pashby
North West Promoter

Mobile: 07737 612318
Territory: Cheshire,
Derbyshire, Nottinghamshire
and Staffordshire



Pieter Botha
South East Promoter

Mobile: 07915 127965
Territory: Berkshire, East Sussex,
Hampshire, Isle of Wight, Kent,
Oxfordshire, Surrey, West Sussex
and Wiltshire



Tom Carey
West Midlands
Promoter

Mobile: 07432 154981
Territory: Gloucestershire,
Herefordshire, Leicestershire,
Shropshire, Warwickshire and
Worcestershire



1926 - 2026



PIONEER[®]
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**CELEBRATING
100 YEARS**



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For further information, visit www.corteva.com/uk/pioneer or call 0800 689 8899.

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