



Winter Oilseed Rape

Oilseed rape is an important crop in Irish agriculture, playing a vital role in crop rotations, with approximately 8,500 ha grown annually.

As a break crop, oilseed rape offers high gross margins and solid agronomic benefits. It improves soil structure and health, reduces pest and disease pressure in subsequent cereal crops and contributes to the overall biodiversity of the farm. It also presents the opportunity for greater control of grass weeds.

Today's varieties present pod shatter resistance, Turnip Yellow Virus resistance and Sclerotinia tolerance, as well as the availability of clubroot resistant varieties.

These advancements are crucial in maintaining high yields and quality, under challenging environmental conditions. The success of oilseed rape in the DAFM and Drummonds trials indicate a strong adaptability and potential for high yields under Irish conditions.

Winter Oilseed Rape Varieties 2025

Traits & Characteristics		Trial Information	Lodging resistance	Stem stiffness	Autumn vigour	Height (cm)	Light leaf spot resistance	Stem canker resistance	Verticillium stem stripe	Earliness of flowering	Earliness of maturity
PT315	Pod shatter resistance, TuYV, Rlm7	UK National List Trials 2020-2022	9	8	7	169	6	6	(-)	6	7
PT312	Protector Sclerotinia, pod shatter tolerance, TuYV	UK National List Trials 2020-2022	9	8	6	165	5	7	(-)	4	7

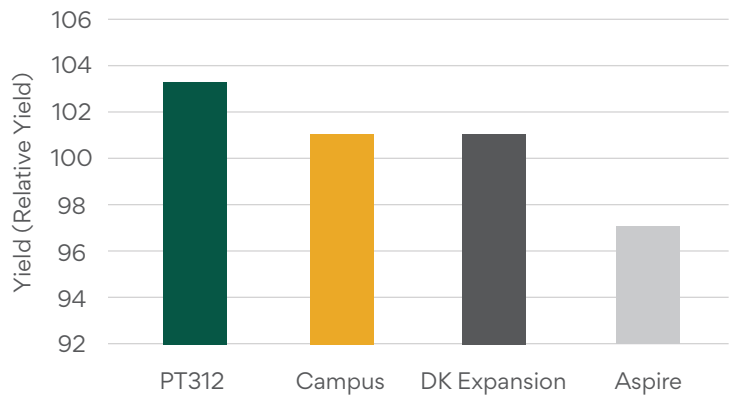


Winter Oilseed Rape Varieties

PT312

Everything you need in an Oilseed Rape variety

PT312 Performance in UK NL Trials



Source: Corteva

Breeder: 
PIONEER

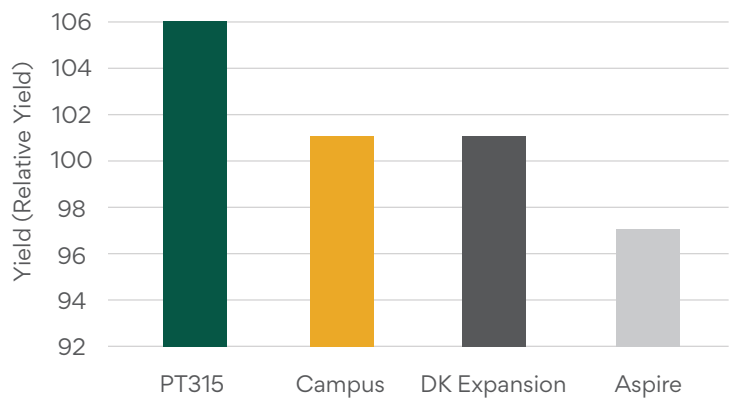
Key Points

- ✓ A new hybrid variety for 2025 containing all of the key traits for maximum yield potential in Oilseed rape.
- ✓ Strong vigour in autumn and rapid growth in spring.
- ✓ Contains pod-shatter resistance, sclerotinia tolerance and Turnip Yellows Virus Resistance.
- ✓ Strong resistance to phoma.

PT315

The first Pioneer pod shatter resistant hybrid to be launched in Ireland

PT315 Performance in UK NL Trials



Source: Corteva

Breeder: 
PIONEER

Key Points

- ✓ Maximise seed yield potential for 2025.
- ✓ Ground covers of over 70% achievable in autumn – reducing pigeon grazing.
- ✓ Contains Pod shatter resistance.
- ✓ Turnip Yellows Virus (TuYV) resistance and multigenic phoma resistance genes.
- ✓ Scored 9 for lodging and 8 for stem stiffness in UK trials.



DK EXPECTATION

RISK REDUCER



DK Expectation combines TuYV resistance with all-round agronomic strength to minimise commercial production risk.

Well-established on the Recommended List, its relatively early flowering and medium maturity makes for one of the longest pod-fill periods available.

VITAL STATISTICS

GROSS OUTPUT	5.66 t/ha
OIL CONTENT	45.2%
RESISTANCE TO LODGING	8
STEM STIFFNESS	7
HEIGHT	5
EARLINESS AT REGROWTH	MID
EARLINESS OF FLOWERING	8
EARLINESS OF MATURITY	6
STEM CANKER RESISTANCE	7
LIGHT LEAF SPOT RESISTANCE	7
TuYV RESISTANCE	R
POD SHATTER RESISTANCE	R

AHDB RL 2023/24 & DEKALB earliness at regrowth data

MAIN ATTRIBUTES

- Solid 4.90t/ha-plus average yields from all sowing dates in 14-site field-scale 2022 grower trials, with notably little difference between them.
- Noticeably lower levels of 2023 TuYV infection than other leading varieties with the resistance trait in breeders trials.
- Vigorous establishment and rapid autumn development, offering wide sowing date flexibility and the best tolerance of early pest damage.
- Good light leaf spot, stem canker and verticillium resistance with strong standing power for the greatest management flexibility.
- Rapid spring regrowth and early flowering for strong compensation from winter damage and long pod-fill.
- Original Dekalb pod shatter resistance, maximising combining flexibility while minimising losses in the run-up to and at harvest.



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#dekalbdifference

DK EXCENTRIC *TOP PERFORMER*



DK Excentric is the top-performing new UK variety from the DEKALB breeding programme.

DK Excentric has a combination of performance and agronomy with rapid autumn development, strong foliar disease resistance and strong standing power. Its excellent all-round stress tolerance package includes good resistance to light leaf spot, TuYV and *verticillium*, as well as being pod shatter resistant.

VITAL STATISTICS

2 YEAR AVG. GROSS OUTPUT	5.11 t/ha
2 YEAR AVG. OIL CONTENT	45.4%
RESISTANCE TO LODGING	9
STEM STIFFNESS	8
HEIGHT	6
STEM CANKER RESISTANCE	7
LIGHT LEAF SPOT RESISTANCE	6
TuYV RESISTANCE	R
POD SHATTER RESISTANCE	R

DEKALB Replicated Trials data from 2022 & 2023 harvests—across 8 sites managed by NIAB, OAT & Scottish Agronomy.

KEY TRAITS



VIGOROUS ESTABLISHMENT

Robust initial root and shoot growth for the most reliable and even establishment.



TuYV RESISTANCE

Effective resistance to Turnip Yellowing Virus for extra insurance against aphid-borne infections and greatest spraying economy and flexibility.



RAPID AUTUMN DEVELOPMENT

Faster-than-average development for the most rapid growth away from flea beetles and other autumn challenges.



POD SHATTER RESISTANCE

Pioneering genetic resistance to pod shattering for the least seed shedding up to and at harvest and the greatest flexibility in harvest timing.



DOUBLE PHOMA RESISTANCE

RLM7 supported by polygenic resistance for the most durable phoma/stem canker protection and greatest spraying economy and flexibility.



HIGH OIL

Higher-than-average oil content to maximise gross output for added market returns.



STRONG STANDING POWER

A combination of lodging resistance and stem stiffness giving the greatest canopy stability.



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#seedtosucceed

Winter Oil Seed Rape Seeding Rates

- Target plant population: 30–50 plants/m² for optimal yield.
- Thousand Grain Weight (TGW):
 - ◇ Always check TGW, as it varies between seed batches.
 - ◇ Use it to calculate accurate seeding rates.
- Sowing date matters:
 - ◇ Mid-August sowing usually gives higher germination rates.
 - ◇ Early September sowing requires higher seed rates to compensate for lower germination.
- Adjust seeding rate based on sowing method:
- Hybrid varieties:
 - ◇ Typical rate: 2.0–3.5 kg/ha, depending on TGW.



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