

## Winter oilseed rape varieties grown in RL trials in 2022 but not added to the AHDB Recommended List

Variety type	Control varieties					Other varieties							Average LSD (5%)
	Aurelia	Temptation	DK Expansion	Campus	Aspire	KWS Granos	LG Ancona	Hannell	DK Expose	Darkness	Devil	Marvin	
	Hybrid	Hybrid	Hybrid	Conv	Conv	Hybrid	Hybrid	Hybrid	Hybrid	Hybrid	Hybrid	Conv	
<b>Gross output, yield adjusted for oil content (% control)</b>													
United Kingdom (5.2 t/ha)	105	99	99	99	98	104	103	102	101	101	100	99	4.6
East/West region (5.1 t/ha)	105	100	99	99	98	105	104	102	101	102	101	99	5.1
North region (5.8 t/ha)	104	96	100	102	99	[101]	[98]	[99]	99	[94]	[93]	101	5.3
<b>Seed yield (% control)</b>													
United Kingdom (4.8 t/ha)	105	99	99	99	98	104	103	102	101	101	100	99	4.3
East/West region (4.8 t/ha)	105	99	99	99	98	104	103	102	101	102	101	99	4.8
North region (5.4 t/ha)	105	95	100	102	99	[100]	[98]	[99]	100	[95]	[93]	101	5.0
<b>Agronomic features</b>													
Resistance to lodging (1–9)	8	8	8	8	8	[8]	[8]	[8]	[8]	[8]	[8]	[8]	0.3
Stem stiffness (1–9)	8	7	8	8	9	8	8	8	8	8	8	9	0.6
Shortness of stem (1–9)	6	6	5	6	7	6	5	5	5	6	6	7	0.3
Plant height (cm)	145	145	154	147	136	152	155	156	155	147	148	141	3.5
Earliness of flowering (1–9)	7	6	6	6	7	7	7	6	5	7	7	7	0.4
Earliness of maturity (1–9)	5	5	5	5	5	6	5	5	5	6	6	5	0.4
Pod shatter resistance	R	-	R	-	-	R	R	R	R	-	-	-	-
<b>Seed quality (at 9% moisture)</b>													
Oil content, fungicide-treated (%)	44.9	45.8	45.3	45.2	45.2	45.5	45.5	45.2	44.8	44.5	45.2	44.9	0.3
Glucosinolate (µmoles/g)	10.2	12.0	10.1	10.6	9.9	12.6	15.1	15.1	12.7	13.5	11.5	11.4	-
<b>Disease resistance</b>													
Light leaf spot (1–9)	7	6	6	6	7	7	7	7	7	7	7	7	0.5
Stem canker (1–9)	6	5	6	6	6	5	8	8	7	6	7	5	0.9
TuYV	R	R	-	-	R	R	R	R	R	R	R	-	-
<b>Breeder/UK contact</b>													
Breeder	LimEur	DSV	MonTec	KWSMR	LimEur	KWSSAA	LimEur	KWSMR	MonTec	DSV	DSV	CBI	-
UK contact	Lim	DSV	Bay	KWS	Lim	KWS	Lim	KWS	Bay	DSV	DSV	FrontAg	-

This table should be read in conjunction with the AHDB RL of winter oilseed rape varieties for 2023/24.

On the 1–9 scales, high figures indicate that a variety shows the character to a high degree (e.g. high resistance).

The target (spring) plant population is 40 plants/m<sup>2</sup> for RL trials. Maximum seed rate is 70 seeds/m<sup>2</sup> and may be lower if conditions permit.

Glucosinolate contents are taken from the National List trials data.

Conv = Conventional open-pollinated variety

TuYV = *Turnip yellows virus*

[ ] = Limited data

R = Believed to be resistant to the trait (TuYV or pod shatter), but this has not been verified in RL tests

LSD = Least significant difference

Average LSD (5%): Varieties that are more than one LSD apart are significantly different at the 95% confidence level

Bay = Bayer CropScience ([cropscience.bayer.co.uk](https://www.cropscience.bayer.co.uk))

CBI = Cluser Breeding International GmbH

DSV = DSV UK Ltd ([dsv-uk.co.uk](https://www.dsv-uk.co.uk))

FrontAg = Frontier Agriculture Ltd ([frontierag.co.uk](https://www.frontierag.co.uk))

KWSSAA = KWS UK ([kws-uk.com](https://www.kws-uk.com))

KWSMR = KWS Momont Recherche ([kws-uk.com](https://www.kws-uk.com))

KWS = KWS UK ([kws-uk.com](https://www.kws-uk.com))

Lim = Limagrain UK ([lgseeds.co.uk](https://www.lgseeds.co.uk))

LimEur = Limagrain Europe SA ([lgseeds.co.uk](https://www.lgseeds.co.uk))

MonTec = Monsanto Technology LLC ([cropscience.bayer.co.uk](https://www.cropscience.bayer.co.uk))