

Winter oilseed rape varieties grown in RL trials in 2021 but not added to the AHDB Recommended List

Variety type	Control varieties					Other varieties											Average LSD (5%)
	Temptation	Campus	Aspire	DK Expansion	Elgar	Heliott	PT301	Haya	LG Areti	PT299	Duplo	DK Extremus	Manvin	DK Expat	DK Imove CL &		
	Hybrid	Conv	Conv	Hybrid	Conv	Hybrid	Hybrid	Hybrid	Hybrid	Hybrid	Hybrid	Hybrid	Conv	Hybrid	Hybrid		
Gross output, yield adjusted for oil content (% control)																	
United Kingdom (5.1 t/ha)	102	101	100	100	97	105	104	103	103	101	101	101	101	100	92	4.9	
East/West region (5.0 t/ha)	102	100	100	100	97	105	104	104	103	102	102	101	101	101	92	5.5	
North region (5.8 t/ha)	97	103	100	102	98	103	[98]	[98]	[97]	[97]	[96]	[98]	102	[97]	91	5.5	
Seed yield (% control)																	
United Kingdom (4.7 t/ha)	101	101	100	100	98	105	103	102	103	99	100	101	101	101	93	4.5	
East/West region (4.6 t/ha)	101	100	100	100	98	105	103	102	104	100	100	101	101	102	93	5.0	
North region (5.3 t/ha)	97	103	100	102	98	103	[98]	[97]	[98]	[95]	[95]	[99]	103	[98]	92	5.3	
Agronomic features																	
Resistance to lodging (1–9)	8	8	8	8	8	[8]	[8]	[8]	[8]	[8]	[8]	[8]	[8]	[8]	[8]	0.3	
Stem stiffness (1–9)	8	8	9	8	9	8	7	8	8	8	8	8	9	7	7	0.7	
Shortness of stem (1–9)	6	6	7	5	6	5	6	6	6	6	6	6	7	6	6	0.3	
Plant height (cm)	150	152	140	159	147	164	147	157	154	152	156	152	145	152	148	3.5	
Earliness of flowering (1–9)	6	6	7	6	6	6	7	7	7	7	7	7	7	7	7	0.4	
Earliness of maturity (1–9)	5	5	4	5	6	5	6	6	6	5	5	6	5	6	7	0.4	
Pod shatter resistance	-	-	-	R	-	-	R	-	R	-	R	R	-	R	R	-	
Seed quality (at 9% moisture)																	
Oil content, fungicide-treated (%)	46.0	45.3	45.5	45.4	44.9	45.2	45.9	46.2	44.9	46.9	46.6	45.4	45.1	44.6	44.1	0.3	
Glucosinolate (µmoles/g)	12.0	10.6	9.9	10.1	9.6	11.8	10.1	11.9	13.2	8.2	12.1	11.6	11.4	12.9	15.2	-	
Disease resistance																	
Light leaf spot (1–9)	6	6	7	6	7	7	7	6	6	7	6	7	7	7	7	0.6	
Stem canker (1–9)	5	6	5	7	6	5	5	8	7	8	9	8	5	7	7	0.9	
TuYV	R	-	R	-	-	-	-	-	R	-	R	-	-	-	-	-	
Breeder/UK contact																	
Breeder	DSV	KWSMR	LimEur	MonTec	Els	KWSMR	PionOS	KWSMR	LimEur	PionOS	DSV	MonTec	CBI	MonTec	MonTec	-	
UK contact	DSV	KWS	Lim	Bay	Els	KWS	Cor	KWS	Lim	Cor	DSV	Bay	FrontAg	Bay	Bay	-	

This table should be read in conjunction with the AHDB Recommended List of winter oilseed rape varieties for 2022/23.

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/m² for RL trials. Maximum seed rate is 70 seeds/m² and may be lower if conditions permit.

Glucosinolate contents are taken from the National List trials data.

Conv = Conventional open-pollinated variety

[] = Limited data

TuYV = *Turnip yellows virus*

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

Recommended List tests

& = Herbicide-tolerant variety. This variety has a tolerance to specific imidazolinone herbicides (a Clearfield® variety)

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 (bayercropscience.co.uk)

CBI = Cluser Breeding International GmbH

Cor = Corteva Agriscience™ (corteva.co.uk/pioneer)

DSV = DSV UK (dsv-uk.co.uk)

Els = Elsoms Seeds (elsoms.com)

FrontAg = Frontier Agriculture Ltd (frontierag.co.uk)

KWSMR = KWS Momont Recherche (kws-uk.com)

KWS = KWS UK (kws-uk.com)

Lim = Limagrain UK (lgseeds.co.uk)

LimEur = Limagrain Europe SA (lgseeds.co.uk)

MonTec = Monsanto Technology LLC (monsanto.com)

PionOS = Pioneer Overseas Corporation (corteva.co.uk/pioneer)