

Winter oilseed rape 2024/25



	LG Armada	LG Academic	LG Adeline ¹	Turing	Dolphin	LG Auckland	Attica	Murray	Vegas	Ambassador	LG Wagner	Aurelia	LG Aviron	LG Adonis	PT303	Dart	Tennison	PI Pinnacle	Tom	Annika	Acacia	Aspire	Amarone	Matrix CL	Beatrice CL	Miraculix CL	LG Constructor CL	Crocodile	Crome	Resort	PX131	Average LSD (5%)		
	Hybrid																Conventional open-pollinated						Herbicide tolerant				Clubroot resistant		Described					
Variety type	Hybrid	Hybrid	Hybrid	Hybrid	Hybrid	Hybrid	Hybrid	Hybrid	Hybrid	Hybrid	Hybrid	Hybrid	Hybrid	Hybrid	Hybrid	Hybrid	Hybrid	Conv	Conv	Conv	Conv	Conv	Conv	Hybrid	Hybrid	Hybrid	Hybrid	Hybrid	Hybrid	Hybrid	Hybrid	Hybrid		
Scope of recommendation	UK	UK	UK	UK	E/W	E/W	UK	E/W	UK	E/W	N	UK	UK	E/W	UK	E/W	E/W	UK	UK	E/W	UK	N	N	UK Sp	N Sp	N Sp	UK Sp	E/W Sp	UK Sp	UK HEAR	UK SD			
Variety status	NEW	NEW	NEW		NEW					C		C	*	*	*	*	*	NEW								NEW								
Gross output, yield adjusted for oil content (% treated control)																																		
United Kingdom (5.1 t/ha)	107	106	106	106	105	105	105	105	104	104	103	103	102	101	101	99	96	102	102	99	98	96	95	96	96	96	95	92	98	96	88	88	4.2	
East/West region (5.0 t/ha)	106	106	106	106	106	105	105	105	104	104	102	103	102	101	101	100	97	103	101	99	98	96	94	97	96	95	93	99	96	88	88	4.8		
North region (6.0 t/ha)	107	107	108	105	[102]	103	104	102	102	101	108	102	103	100	100	92	93	101	102	98	99	98	100	94	92	96	89	95	96	87	92	4.7		
Seed yield (% treated control)																																		
United Kingdom (4.8 t/ha)	106	106	106	107	103	104	105	105	104	104	103	103	103	100	100	99	96	104	101	99	98	96	96	96	94	94	93	99	95	88	87	4.0		
East/West region (4.7 t/ha)	106	106	106	107	103	105	105	106	104	104	102	103	103	100	100	100	97	104	101	99	98	95	95	96	95	94	94	99	95	88	87	4.5		
North region (5.5 t/ha)	107	107	109	107	[100]	102	104	103	102	102	108	103	104	99	100	92	94	102	102	98	99	98	100	94	92	96	90	96	95	86	91	4.6		
Untreated yield (% untreated control) – UK																																		
Gross output (5.3 t/ha)	-	-	-	103	-	105	102	105	106	103	[106]	104	105	102	100	96	94	-	103	96	98	96	99	95	95	-	87	98	94	87	86	6.4		
Seed yield (4.9 t/ha)	-	-	-	104	-	104	102	105	105	103	[106]	104	107	101	100	96	94	-	102	96	99	96	100	94	94	-	88	99	93	87	85	6.1		
Disease resistance																																		
Light leaf spot (1–9)	7	7	7	7	6	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	6	7	7	6	5	5	5	6	6	6	5	6	0.6	
Stem canker (1–9)	6	6	6	4	7	5	5	8	9	6	5	5	6	6	6	5	7	4	5	5	5	5	4	7	6	7	4	3	3	4	5	1.0		
Verticillium	-	-	-	1	[MR]	[1]	[S]	[MR]	[1]	S	[S]	[1]	[S]	[MR]	-	[1]	[MR]	[1]	[1]	[MR]	[1]	[1]	[S]	[1]	[1]	1	[1]	[S]	[1]	[MR]	[1]	[MR]	-	
TuYV	R	R	R	-	R	R	R	-	-	R	R	R	R	R	R	R	R	-	-	R	-	R	R	R	R	R	R	-	-	-	-	-	-	
Agronomic features																																		
Resistance to lodging (1–9)	[8.0]	[7.9]	[8.0]	[7.9]	[8.0]	[7.8]	[7.9]	[8.0]	[7.9]	[8.0]	[8.0]	[7.9]	[7.8]	[7.9]	[7.9]	[7.9]	[7.8]	[8.0]	[7.9]	[8.0]	[8.0]	[7.9]	[8.0]	[7.7]	[7.9]	[7.9]	[7.9]	[7.9]	[7.9]	[7.9]	[8.0]	[8.0]	0.1	
Stem stiffness (1–9)	8	8	8	8	9	7	8	9	8	8	8	7	7	8	[8]	8	8	9	9	9	8	8	8	7	8	8	8	[8]	8	8	8	8	0.6	
Shortness of stem (1–9)	5	5	6	6	6	6	6	6	6	6	6	6	6	6	5	6	6	6	6	6	7	7	7	5	6	5	6	6	6	6	9	0.3		
Plant height (cm)	152	152	150	142	143	148	148	148	148	143	146	142	143	147	140	157	143	143	148	140	142	138	134	136	151	145	151	142	141	139	143	110	3.2	
Earliness of flowering (1–9)	5	7	7	8	7	7	7	7	7	7	7	7	8	7	5	7	6	5	7	6	6	6	7	7	6	7	7	6	7	7	6	0.4		
Earliness of maturity (1–9)	5	5	5	5	4	5	5	5	6	5	5	6	5	5	5	5	5	5	5	4	5	5	5	6	5	6	6	6	5	5	5	0.4		
Pod shatter resistance	R	R	R	-	-	R	R	-	-	R	R	R	R	-	-	-	-	-	-	-	-	-	-	R	R	R	R	-	-	-	-	-		
Seed quality (at 9% moisture)																																		
Oil content, fungicide-treated (%)	45.5	45.2	44.9	44.4	46.6	45.5	45.3	44.5	45.4	44.7	45.0	44.8	44.4	46.1	45.7	45.2	44.8	44.4	45.2	44.9	44.9	45.2	44.7	45.6	45.8	45.6	44.1	44.8	45.8	45.5	46.0	0.3		
Glucosinolate (µmol/g)	12.6	14.1	14.7	10.4	13.0	12.2	12.0	11.1	11.0	10.9	11.7	10.2	11.2	9.7	8.0	10.0	11.1	13.0	11.6	11.6	8.1	9.9	11.9	14.2	15.3	15.2	15.8	12.8	10.8	14.0	9.4	-		
Annual treated gross output, yield adjusted for oil content (% control) – UK																																		
2020 (5.6 t/ha)	-	-	-	105	-	103	106	102	102	103	106	103	104	100	101	97	96	-	[102]	97	98	95	97	96	[94]	-	93	96	96	86	90	-		
2021 (5.2 t/ha)	107	106	109	107	103	104	105	105	104	102	104	103	101	102	102	96	95	103	102	99	100	97	98	94	93	96	90	98	97	90	91	-		
2022 (5.8 t/ha)	107	107	106	106	104	104	104	103	103	102	105	102	103	101	100	97	95	102	101	100	99	97	98	96	96	96	93	99	95	88	90	-		
2023 (5.4 t/ha)	107	107	107	105	105	105	104	104	103	102	105	102	102	101	-	94	93	101	103	97	98	99	97	95	95	93	95	97	87	90	-			
Treatment benefit at co-located sites (% treated control, 5.5 t/ha) – UK																																		
Treated gross output	-	-	-	105	-	106	103	100	102	102	[108]	103	104	100	99	95	95	-	102	99	98	96	99	97	98	-	89	96	94	86	88	5.9		
Untreated gross output	-	-	-	99	-	101	98	100	102	99	[102]	100	101	98	96	92	90	-	98	92	94	92	95	91	91	-	84	94	90	84	83	6.2		
Breeder/UK contact																																		
Breeder	LimEur	LimEur	LimEur	NPZ	DSV	LimEur	LimEur	NPZ	NPZ	LimEur	LimEur	LimEur	LimEur	LimEur	PionOS	DSV	SyP	Pick	CBI	LimEur	LimEur	LimEur	LimEur	DSV	DSV	DSV	LimEur	DSV	NPZ	Lemb	PionOS			
UK contact	Lim	Lim	Lim	LSPB	DSV	Lim	Lim	LSPB	LSPB	Lim	Lim	Lim	Lim	Lim	Cor	DSV	Els	GSD	FrontAg	Lim	Lim	Lim	Lim	DSV	DSV	DSV	Lim	DSV	LSPB	LSPB	Cor			
Status in RL system																																		
Year first listed	24	24	24	23	24	22	23	23	23	20	23	20	21	22	22	22	22	24	23	22	20	19	22	22	23	24	22	20	19	20	20			
RL status	P1	P1	P1	P2	P1	-	P2	P2	P2	-	P2	-	*	*	*	*	P1	P2	-	-	-	-	-	-	P2	P1	*	-	-	-	-			

Varieties no longer listed: Crossfit, DK Expectation, DK Imprint CL, Flemming, LG Antigua, PT279CL, Respect and V 316 OL.

For this table, DK Expansion was also a control variety but is no longer listed.

High Erucic Acid (HEAR) and semi-dwarf (SD) varieties are described. Data is provided for information only and does not constitute a recommendation.

¹ LG Adeline will be added to the GB and NI Variety Lists (VL) in January 2024, provided no representations are received.

Yield figures for regions where the variety is not recommended are provided for information only and are indicated in italics.

Herbicide-tolerant varieties have a specific recommendation for tolerance to specific imidazolinone herbicides (a Clearfield® variety).

Clubroot-resistant varieties have a specific recommendation for growing on land infected with common strains of clubroot. They are believed to be resistant to common strains of clubroot, but this has not been verified in RL tests. These varieties should only be used in line with AHDB clubroot management guidelines, to reduce the risk of resistance breakdown.

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 GB and NI Variety Lists trial data.

Untreated trials are treated for sclerotinia at flowering.

Treatment benefit at co-located sites is calculated from a subset of trial locations where both treated and untreated trials are present. Data is presented as a percentage of the treated control varieties at these sites only.

UK = Recommended for the UK
 E/W = Recommended for the East/West region
 N = Recommended for the North region
 Sp = Specific recommendation
 Conv = Conventional open-pollinated variety
 C = Yield control
 * = Variety no longer under test in RL trials

TuYV = Turnip yellows virus
 [] = Limited data
 P1 = First year of listing
 P2 = Second year of listing

R = Believed to be resistant to the trait, but this has not been verified in RL tests
 MR = Moderately resistant
 I = Intermediate
 S = Susceptible

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

CBI = Cluser Breeding International GmbH
 Cor = Corteva Agriscience™ (corteva.co.uk/pioneer)
 DSV = DSV UK Ltd (dsv-uk.co.uk)
 Els = Elsoms Seeds Ltd (elsoms.com)
 FrontAg = Frontier Agriculture Ltd (frontierag.co.uk)

GSD = Grainseed (grainseed.co.uk)
 Lemb = Lembke, Germany
 Lim = Limagrain UK (lgseeds.co.uk)
 LimEur = Limagrain Europe SA (lgseeds.co.uk)
 LSPB = LS Plant Breeding (lspb.eu)

NPZ = NPZ-Lembke, Germany (npz.de)
 Pick = Mike Pickford
 PionOS = Pioneer Overseas Corporation (corteva.co.uk/pioneer)
 SyP = Syngenta Participations AG (syngenta.co.uk)