

AHDB Recommended List

Winter oilseed rape 2020/21

Yield, quality, agronomy and disease resistance



Variety type Scope of recommendation	Recommended for the UK (both East/West and North regions)														Recommended for the East/West region only						Recommended for the North region only						Recommended for use on clubroot infected land only			Average LSD (5%)						
	Acacia Conv	RH	Ambassador RH	Aurelia RH	Artemis RH	Aspire Conv	Aurore Conv	Ballad Conv	DK Expansion RH	Templation RH (Sp)	Architect RH	Nikita Conv	V 316 CL RH	PT279CL & Sp	Dazzler RH	Darling RH	PT275 RH	Windazz RH	George RH	Elgar Conv	Nizza CL & RH	Blazen Conv	DK Esteel RH	Elevation Conv	Barbados Conv	Anastasia Conv	Kielder Conv	Broadway Conv	Butterfly Conv		Crome \$ RH	Crocodile \$ RH	Crozier \$ RH			
	UK	UK	UK	UK	UK	UK	UK	UK	UK	(Sp)	UK	Sp	Sp	EW	E/W	E/W	E/W	E/W	E/W	E/W	Sp	N	N	N	N	N	N	N	N	N	N	N				
	NEW	NEW	NEW	NEW	NEW	NEW	NEW	NEW	NEW	*	*C	C		NEW	NEW	*	*	*C	NEW	NEW	NEW	NEW	N	N	N	N	N	N	N	N	N					
Gross output, yield adjusted for oil content (% treated control)																																				
United Kingdom (5.1 t/ha)	109	108	108	107	106	105	105	103	103	101	100	98	96	103	103	102	102	102	100	96	103	101	98	99	98	96	94	99	102	104	102	4.5				
East/West region (5.0 t/ha)	110	108	107	107	106	105	105	103	103	101	99	98	96	104	103	103	103	102	101	96	102	101	97	98	97	95	93	99	102	105	102	4.8				
North region (5.7 t/ha)	108	[104]	108	[106]	105	106	102	104	98	97	102	97	92	[101]	[102]	98	99	101	98	[90]	[105]	103	102	102	101	99	98	98	104	[95]	[97]	6.0				
Seed yield (% treated control)																																				
United Kingdom (4.7 t/ha)	109	108	108	106	105	105	104	103	102	101	99	98	96	102	103	102	104	102	101	97	104	101	98	99	99	96	94	99	101	105	103	4.1				
East/West region (4.7 t/ha)	109	109	108	106	105	105	104	103	102	102	99	99	96	103	103	103	104	102	101	97	103	101	97	99	98	95	93	99	100	106	103	4.5				
North region (5.2 t/ha)	107	[105]	109	[106]	105	105	102	104	97	98	102	97	93	[100]	[101]	98	101	100	98	[91]	[107]	103	102	103	102	99	98	98	103	[96]	[97]	5.7				
Untreated gross output, yield adjusted for oil content (% untreated control) †																																				
United Kingdom (5.3 t/ha)	-	-	-	-	105	-	101	100	106	101	101	98	95	-	-	101	101	98	100	-	-	103	100	98	99	96	95	100	103	-	-	7.1				
Untreated seed yield (% untreated control) †																																				
United Kingdom (5.0 t/ha)	-	-	-	-	105	-	101	101	105	101	101	98	95	-	-	101	102	98	101	-	-	103	99	99	101	95	95	100	102	-	-	6.9				
Agonomic features																																				
Resistance to lodging (1-9)	[8]	[8]	[8]	[8]	8	[8]	8	8	8	8	8	8	8	[8]	[8]	8	8	8	8	[8]	[8]	8	8	8	8	8	8	8	8	[8]	[8]	0.2				
Stem stiffness (1-9)	9	8	8	8	9	8	8	8	7	8	8	8	8	9	8	8	8	8	8	8	9	8	8	8	8	9	8	8	8	8	8	0.4				
Shortness of stem (1-9)	7	6	6	5	7	6	7	5	6	6	7	6	6	6	6	6	7	7	6	6	6	5	7	6	7	6	6	7	6	6	6	0.2				
Earliness of flowering (1-9)	6	7	7	6	7	8	7	6	6	6	7	6	6	8	7	5	8	7	6	7	6	6	5	6	6	7	7	6	7	6	8	0.3				
Earliness of maturity (1-9)	5	6	5	6	5	5	4	5	5	6	5	5	6	6	5	5	5	5	6	5	5	5	5	4	5	5	5	4	5	5	6	0.4				
Seed quality (at 9% moisture)																																				
Oil content, fungicide-treated (%)	45.7	45.3	45.2	45.7	45.7	45.7	45.8	45.5	46.0	45.0	45.7	45.3	44.9	46.2	46.0	45.5	44.5	45.4	45.1	45.0	44.8	45.5	45.6	45.0	44.6	45.9	45.2	45.4	46.4	45.0	44.8	0.3				
Glucosinolate (µmoles/g of seed)	8.1	10.9	10.2	12.3	9.9	10.0	10.8	10.1	12.0	14.4	8.6	12.3	10.9	11.1	12.2	8.4	9.6	9.6	9.6	14.9	10.7	11.9	10.6	11.1	11.1	13.3	8.2	10.2	10.8	12.8	12.2	-				
Disease resistance																																				
Light leaf spot (1-9)	6	7	8	6	7	7	6	6	6	5	7	6	6	6	6	6	5	6	7	4	6	7	6	8	7	7	7	7	6	6	6	0.8				
Stem canker (1-9)	5	8	8	7	6	6	5	7	5	5	4	5	5	8	8	5	5	9	6	6	7	8	5	7	5	3	4	6	4	4	9	0.9				
TuYV	-	R	R	R	R	-	-	-	R	R	-	-	-	R	R	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				

Described varieties

PX131	Resort †
RH SD	RH
UK	UK
NEW	NEW
97	94
97	94
98	93
96	93
95	93
96	93
46.7	45.8
9.4	14.0
7	6
6	6
-	-

Varieties no longer listed in the UK (both East/West and North regions): Alizze, Campus and Mentor.
 Varieties no longer listed in the East/West region: Aquila, Ergo, Flamingo and Wembley.
 HEAR (High Erucic Acid) and semi-dwarf varieties are described. Data are provided for information only and do not constitute a recommendation.
 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.

UK = Recommended for both the East/West and North regions
 EW = Recommended for the East/West region
 N = Recommended for the North region
 Sp = Specific recommendation
 (Sp) = Resistance to Turnip Yellow Virus is no longer a specialist category. Architect and Templation have a specific recommendation for this trait.
 Conv = Conventional open-pollinated variety
 RH = Restored hybrid
 SD = Semi-dwarf
 C = Yield control (for current table). For this table Campus and Alizze were also control varieties but are no longer listed.

* = Variety no longer under test in RL trials in region
 \$ = Specific recommendation for growing on land infected with common strains of clubroot. These varieties should only be used in-line with current AHDB clubroot management guidelines, to reduce the risk of resistance breakdown.
 & = Herbicide tolerant variety. PT279CL and Nizza CL have a specific recommendation for tolerance to specific imidazolinone herbicides (a Clearfield® variety).
 - = HOLL (High Oleic, Low Linolenic) variety
 † = HEAR (High Erucic Acid) variety
 ‡ = Untreated yield data available for 2017, 2018 and 2019 only. Untreated trials are treated for sclerotinia at flowering.
 [] = Limited data
 R = Believed to be resistant to Turnip Yellow Virus (TuYV) but this has not been verified in Recommended List tests.

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

AHDB Recommended List

Winter oilseed rape 2020/21

Supplementary data



Variety type	Recommended for the UK (both East/West and North regions)														Recommended for the East/West region only						Recommended for the North region only						Recommended for use on clubroot infected land only			Average LSD (5%)				
	Conv	RH	RH	RH	Conv	Conv	Conv	RH	RH	(Sp)	(Sp)	Conv	RH	RH	RH	RH	RH	RH	RH	Conv	RH	Conv	RH	Conv	Conv	Conv	Conv	Conv	Conv		RH	RH	RH	
Scope of recommendation	UK	UK	UK	UK	UK	UK	UK	UK	UK	UK	UK	UK	UK	UK	E/W	E/W	E/W	E/W	E/W	E/W	Sp	N	N	N	N	N	N	N	N	UK Sp	E/W Sp	E/W Sp		
Breeder/UK contact	NEW	NEW	NEW	NEW	NEW	NEW	NEW	NEW	NEW	NEW	NEW	NEW	NEW	NEW	NEW	NEW	NEW	NEW	NEW	NEW	NEW	NEW	NEW	NEW	NEW	NEW	NEW	NEW	NEW	NEW	NEW	NEW		
Breeder	LimEur	LimEur	LimEur	LimEur	LimEur	LimEur	KWSMR	MonTec	DSV	LimEur	LimEur	MonTec	PionOS	DSV	DSV	DSV	PionOS	R2n	SyP	Els	R2n	KWSMR	MonTec	Pick	KWSMR	Lim	Pars	Pick	KWSMR	NPZ	Lemb	Lemb		
UK contact	Lim	Lim	Lim	Lim	Lim	Lim	KWS	Bay	DSV	Lim	Lim	Bay	Cor	DSV	DSV	DSV	Cor	RAGT	Els	Els	RAGT	KWS	Bay	DLF	KWS	Lim	Els	DLF	KWS	LSPB	DSV	LSPB		
Annual treated gross output, yield adjusted for oil content (% control) - UK																																		
2016 (5.1 t/ha)	-	-	-	-	103	-	104	105	98	95	102	99	93	-	-	-	99	99	99	98	-	-	102	99	[99]	[99]	98	98	96	101	-	-	-	
2017 (5.7 t/ha)	109	107	108	106	106	107	104	102	100	99	102	97	94	102	102	103	101	102	103	99	93	106	102	102	102	99	100	97	99	104	100	100	-	
2018 (5.5 t/ha)	108	105	107	105	105	105	101	101	102	100	101	97	95	100	100	101	101	101	101	99	93	104	101	101	100	99	95	95	99	103	99	97	-	
2019 (5.2 t/ha)	110	108	109	108	107	105	104	105	102	103	99	97	94	105	105	104	99	102	102	101	95	104	103	99	101	100	96	93	98	104	100	101	-	
Agromony																																		
Plant height (cm)	150	161	155	167	147	154	150	165	154	161	148	157	156	155	160	156	150	151	154	153	152	165	151	154	149	159	152	149	154	153	152	2.7		
Status in RL system																																		
Year first listed	20	20	20	20	19	20	19	19	19	18	16	15	19	20	20	20	19	16	19	16	20	20	19	18	16	13	18	18	18	19	20	20		
RL status	P1	P1	P1	P1	P2	P1	P2	P2	P2	*	*	-	P2	P1	P1	P1	P2	*	P2	*	P1	P1	P2	*	-	*	*	*	P2	P1	P1			

UK = Recommended for both the East/West and North regions
 E/W = Recommended for the East/West region
 N = Recommended for the North region
 Sp = Specific recommendation
 (Sp) = Resistance to Turnip Yellow Virus is no longer a specialist category. Architect and Temptation have a specific recommendation for this trait.
 Conv = Conventional open-pollinated variety
 RH = Restored hybrid
 SD = Semi-dwarf

C = Yield control (for current table). For this table Campus and Alizze were also control varieties but are no longer listed.
 * = Variety no longer under test in RL trials in region
 \$ = Specific recommendation for growing on land infected with common strains of clubroot.
 & = Herbicide tolerant variety. PT279CL and Nizza CL have a specific recommendation for tolerance to specific imidazolinone herbicides (a Clearfield® variety).
 - = HOLL (High Oleic, Low Linolenic) variety
 † = HEAR (High Erucic Acid) variety
 [] = Limited data
 P1 = First year of recommendation
 P2 = Second year of recommendation

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 (www.bayercropscience.co.uk)
 Cor = Corteva Agriscience™ (www.corteva.co.uk/pioneer)
 DLF = DLF Seeds Ltd (www.dlf.co.uk)
 DSV = DSV UK (www.dsv-uk.co.uk)
 Els = Elsoms Seeds (www.elsoms.com)
 KWS = KWS UK (www.kws-uk.com)
 KWSMR = KWS Momont Recherche (www.kws-uk.com)

Lemb = Lembke, Germany
 Lim = Limagrain UK (www.limagrain.co.uk)
 LimEur = Limagrain Europe SA (www.limagrain.co.uk)
 LSPB = LS Plant Breeding (www.lspb.eu)
 MonTec = Monsanto Technology LLC (www.monsanto.com)
 NPZ = NPZ-Lembke, Germany (www.npz.de)
 Pars = Parsons Seeds Ltd

Pick = Mike Pickford
 PionOS = Pioneer Overseas Corporation (www.corteva.co.uk/pioneer)
 R2n = RAGT, France (www.ragt.co.uk)
 RAGT = RAGT Seeds (www.ragt.co.uk)
 SyP = Syngenta Participations AG (www.syngenta.co.uk)

Described varieties	
PX131	Resort †
RH SD	RH
UK	UK
NEW	NEW
PionOS	Lemb
Cor	LSPB
-	-
98	95
100	94
95	93
122	155
20	20
P1	P1