

AHDB Recommended List

Winter oilseed rape 2020/21

Yield, quality, agronomy and disease resistance

		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%)	Described varieties						
		Acacia	Ambassador	Aurelia	Atemis	Aspire	Aardvark	Ballad	DK Expansion	Temptation	Architect	Nikita	V 316 OL ~	PT279CL &	Dazzler	Darling	PT275	Windbozz	George	Elgar	Nizza CL &	Blazen	DK Exsteel	Elevation	Barbados	Anastasia	Kielder	Broadway	Butterfly	Crome \$		Crocodile \$	Crozier \$	PX131	Resort †			
Variety type		Conv	RH	RH	RH	Conv	Conv	Conv	RH	RH	RH	Conv	RH	RH	RH	RH	RH	Conv	RH	Conv	Conv	Conv	Conv	Conv	Conv	Conv	Conv	RH	RH	RH					RH SD	RH		
Scope of recommendation		UK	UK	UK	UK	UK	UK	UK	UK	(Sp)	(Sp)	UK	Sp	Sp	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	UK	UK			
		NEW	NEW	NEW	NEW		NEW				*	*C	C		NEW	NEW		*		*C	NEW	NEW		*		*	*	*			NEW	NEW	NEW	NEW	NEW			
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	97	94			
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	97	94			
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	98	93			
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	96	93			
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	95	93			
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	96	93			
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	-	-			
Agronomic 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]	[8]	0.2	[8]	[8]		
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	9	8			
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	6	7	6	6	6	6	0.2	9	6				
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	6	5	6	7	7	6	7	6	8	0.3	6	7			
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	4	5	5	5	4	5	5	6	0.4	4	5				
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	46.7	45.8			
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	-	9.4	14.0			
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	7	6			
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	6	6			
TuYV		-	R	R	R	R	-	-	-	R	R	-	-	-	R	R	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			

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

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 in trial 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.

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Winter oilseed rape 2020/21

Supplementary data



Variety type	Conv	RH	RH	RH	Conv	Conv	Conv	RH	RH	RH	Conv	RH	RH	RH	RH	RH	Conv	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	(Sp)	(Sp)	UK	Sp	Sp	E/W	E/W	E/W	E/W	E/W	E/W	E/W	Sp	Sp	Conv	Conv	Conv	Conv	Conv	Conv	UK Sp	E/W Sp	E/W Sp																																
	NEW	NEW	NEW	NEW		NEW				*	*C			NEW	NEW		*	*C	NEW	NEW		*	*	*	*	*	*		NEW	NEW																																	
Breeder/UK contact																																																															
Breeder	LimEur	LimEur	LimEur	LimEur	LimEur	LimEur	KWSMR	MonTec	DSV	LimEur	LimEur	MonTec	PionOS	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	Cor	RAGT	Syn	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	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	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	104	99	102	102	101	95	104	103	99	101	100	96	93	98	104	100	101	-																															
Agronomy																																																															
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	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	P2	*	P2	*	P1	P1	P2	*	-	*	*	*	P2	P1	P1																																	

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* = Variety no longer in trial in region
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~ = 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.

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

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 (www.lspb.eu)
Lim = Limagrain UK (www.lgseeds.co.uk)
LimEur = Limagrain Europe SA (www.lgseeds.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)
Syn = Syngenta UK Ltd (www.syngenta.co.uk)