AHDB Recommended List (Table 13)

Winter oilseed rape 2017/18 (East/West region)

YIELD, QUALITY, AGRONOMY AND DISEASE RESISTANCE

	Elgar	Flamingo	Nikita	V316-OL ~	Windozz	Aquila	Alizze	Wembley	Campus	Picto	Angus	Arazzo	SY Harnas	Popular	Fencer	Harper	Trinity	Mentor $	DK Secret #	Amalie ¥	Troy #	Average LSD (5%)	Ergo †
		NEW	NEW			NEW			*	*		*	*	*	*	*	C*		NEW		*		Described Variety
																							NEW
Variety type	Conv	Conv	Conv	RH	RH	RH	RH	RH	Conv	Conv	RH	RH	RH	RH	RH	RH	Conv	RH	RH	Conv	RH		RH
Scope of recommendation	E/W	E/W	UK	UK	E/W	E/W	UK	E/W	UK	E/W	E/W	E/W	UK	E/W	E/W	E/W	E/W	Sp	UK	Sp	UK		Described
Gross output, yield adjusted for oil content (% control)																							
East/West region (5.4 t/ha)	110	109	108	108	108	108	108	107	106	106	105	105	104	104	103	101	101	101	100	98	94	4.8	97
North region (5.3 t/ha)	[103]	109	109	109	[104]	[107]	109	[105]	109	[103]	[98]	[100]	108	[104]	[104]	[107]	[100]	100	97	96	95	8.1	[95]
United Kingdom (5.4 t/ha)	109	109	109	108	108	108	108	107	107	105	104	104	105	104	103	102	101	101	100	98	94	4.5	96
Seed yield (% control)																							
East/West region (5.0 t/ha)	110	107	107	108	109	108	107	107	106	107	106	107	106	103	102	102	101	100	101	99	96	4.5	96
North region (4.9 t/ha)	[104]	107	108	108	[105]	[107]	108	[105]	109	[104]	[98]	[102]	110	[103]	[103]	[106]	[101]	99	99	96	96	7.6	[94]
United Kingdom (5.0 t/ha)	109	107	107	108	109	108	107	107	107	107	105	107	106	103	102	102	101	100	101	99	96	4.2	96
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	0.2	8
Stem stiffness(1-9)	8	8	8	8	8	8	8	8	8	8	8	8	7	8	8	8	8	8	8	8	8	0.5	9
Shortness of stem (1-9)	6	6	7	6	7	6	6	7	6	6	6	6	7	7	6	6	7	7	9	7	8	0.2	6
Earliness of flowering (1-9)	7	6	7	7	8	7	8	8	6	6	8	8	7	6	7	8	6	6	7	6	6	0.4	6
Earliness of maturity (1-9)	6	4	5	5	6	5	5	6	5	5	6	6	5	5	5	6	5	5	6	5	5	0.4	5
Seed quality (at 9% moisture)																							
Oil content, fungicide-treated (%)	45.4	46.4	46.3	46.0	44.8	45.7	46.0	45.3	45.7	44.4	45.1	43.8	44.5	46.0	46.2	45.3	45.4	46.2	44.5	44.9	44.6	0.3	45.7
Glucosinolate (µmoles/g of seed)	10.5	12.0	9.5	12.9	10.6	12.0	13.0	12.3	11.2	11.6	13.4	12.0	12.3	10.4	9.0	10.0	10.0	10.2	10.7	13.7	12.0	-	12.3
Disease resistance																							
Light leaf spot (1-9)	7	7	7	6	5	6	7	7	6	6	6	6	6	6	5	6	6	6	7	6	6	0.7	5
Stem canker (1-9)	6	4	4	5	5	8	5	5	6	5	8	4	5	4	8	8	6	3	8	6	4	1.2	4

Varieties no longer listed in the East/West region: Avatar, Charger, DK Cabernet, Incentive, Marathon, PR46W21, PT211, Quartz and Rivalda

C = yield control (for current table). For this table, PR46W21, DK Cabernet and PT211 were also yield controls but are no longer listed.

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

The target (spring) plant population is 40 plants/m^2 for RL trials. Maximum seed rate is 70 seeds/m^2 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

Sp = specific recommendation

Conv = conventional open-pollinated variety

RH = restored hybrid

* = variety no longer in trial in region

[ ] = limited data

~ HOLL (high oleic, low linolenic) variety

† HEAR (High Erucic Acid) variety

¥ = Amalie has a specific recommendation for its resistance to Turnip Yellows Virus (TuYV)

$ Mentor is recommended for growing on land infected with common strains of clubroot; Mentor may, however, be infected by some strains and infections that have been reported in some fields.

Semi-dwarf varieties believed to carry the *Bzh* dwarfing gene in the heterozygous state 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.

AHDB Recommended List (Table 13)

Winter oilseed rape 2017/18 (East/West region)

Supplementary data																							Described Variety
RECOMMENDED		NEW	NEW			NEW			*	*		*	*	*	*	*	C*		NEW		*			NEW
	Elgar	Flamingo	Nikita	V316-OL ~	Windozz	Aquila	Alizze	Wembley	Campus	Picto	Angus	Arazzo	SY Harmas	Popular	Fencer	Harper	Trinity	Mentor $	DK Secret #	Amalie ¥	Troy #	Average LSD (5%)	Ergo †
Variety type	Conv	Conv	Conv	RH	RH	RH	RH	RH	Conv	Conv	RH	RH	RH	RH	RH	RH	Conv	RH	RH	Conv	RH		RH
Scope of recommendation	E/W	E/W	UK	UK	E/W	E/W	UK	E/W	UK	E/W	E/W	E/W	UK	E/W	E/W	E/W	E/W	Sp	UK	Sp	UK		Described
Breeder/ UK contact																							
Breeder	Els	Mom	LimEur	Mon	R2n	LimEur	R2n	NPZ	Mom	Mom	NPZ	LSPB	Syn	DSV	Bay	BayR	Lant	NPZ	MonTec	LimEur	LSPB		NPZ
UK contact	Els	KWS	Lim	Mon	RAGT	Lim	RAGT	LSPB	KWS	KWS	LSPB	RAGT	Syn	DSV	Bay	Bay	Els	LSPB	Mon	Lim	DSV		LSPB
Annual treated gross output, yield adjusted for oil content (% control) - East/West regio																							
2013 (5.6 t/ha)	101	-	104	100	102	-	102	106	103	103	103	101	104	101	103	100	104	98	-	92	94	5.0	-
2014 (5.6 t/ha)	112	[108]	111	116	111	[114]	112	110	108	107	107	107	109	110	105	105	99	104	[102]	-	97	6.4	[101]
2015 (5.8 t/ha)	114	106	105	106	110	102	107	106	103	102	103	107	101	100	101	100	100	100	101	99	95	5.9	95
2016 (4.4 t/ha)	110	115	115	112	109	113	111	108	113	111	109	102	103	105	102	100	102	100	97	101	90	5.4	97
Agronomy																							
Plant height (cm)	150	149	145	157	147	154	151	148	154	154	154	150	147	148	149	150	145	147	119	147	130	3.1	151
Status in RL system																							
Year first listed	16	17	17	15	16	17	16	16	15	15	16	15	15	15	15	14	14	15	17	16	13		-
RL status	P2	P1	P1	-	P2	P1	P2	P2	*	*	P2	*	*	*	*	*	*	-	P1	P2	*		-

[ ] = limited data

P1 = first year of recommendation

P2 = second year of recommendation

Key to Breeder and UK contact codes

Bay = Bayer CropScience (www.bayercropscience.co.uk)
BayR = Bayer CropScience Raps (www.bayercropscience.co.uk)
DSV = DSV UK (www.dsv-uk.co.uk)
Els = Elsoms Seeds (www.elsoms.com)
KWS = KWS UK (www.kws-uk.com)
Lant = Lantmannen SW Seed, Sweden
LimEur = Limagrain Europe SA (www.limagrain.co.uk)
Lim = Limagrain UK (www.limagrain.co.uk)
LSPB = LS Plant Breeding (www.lspb.eu)
Mom = Momont, France
Mon = Monsanto UK Ltd (www.monsanto.com)
MonTec = Monsanto Technology LLC (www.monsanto.com)
NPZ = NPZ-Lembke, Germany (www.npz.de)
RAGT = RAGT Seeds (www.ragt.co.uk)
R2n = RAGT, France (www.ragt.co.uk)
Syn = Syngenta UK Ltd (www.syngenta.co.uk)