

## AHDB Recommended List (Table 15)

### Winter oilseed rape 2017/18 (North region)

#### YIELD, QUALITY, AGRONOMY AND DISEASE RESISTANCE

Described Variety

	RECOMMENDED												NEW																							
	Anastasia		Alizze		Campus		DK Explicit		Nikita		Barbados		V316-OL ~		SY Harnas		V-324-OL ~		DK Exentiel		PT234		Mentor \$		DK Secret #		Amalie ¥		Troy #		Average LSD (5%)		DK Imagis-CL &			
Variety type	Conv	RH	Conv	RH	Conv	Conv	RH	RH	RH	RH	RH	RH	RH	RH	RH	RH	RH	RH	RH	RH	RH	RH	RH	RH	RH	RH	RH	RH	RH	RH	RH	RH	RH			
Scope of recommendation	N	UK	UK	N	UK	N	UK	UK	N	N	N	N	Sp	UK	Sp	UK																				
<b>Gross output, yield adjusted for oil content (% control)</b>																																				
North region (5.3 t/ha)	110	109	109	109	109	109	109	108	107	106	104		100	97	96	95																				
East/West region (5.4 t/ha)	-	108	106	[101]	108	100	108	104	104	[101]	[101]		101	100	98	94																				
United Kingdom (5.4 t/ha)	-	108	107	102	109	101	108	105	104	101	101		101	100	98	94																				
<b>Seed yield (% control)</b>																																				
North region (4.9 t/ha)	111	108	109	108	108	109	108	110	106	106	103		99	99	96	96																				
East/West region (5.0 t/ha)	-	107	106	[101]	107	100	108	106	103	[102]	[101]		100	101	99	96																				
United Kingdom (5.0 t/ha)	-	107	107	102	107	101	108	106	103	103	101		100	101	99	96																				
<b>Agronomic features</b>																																				
Resistance to lodging (1-9)	8	8	8	8	8	8	8	8	8	8	8		8	8	8	8																				
Stem stiffness(1-9)	8	8	8	7	8	8	8	7	8	8	8		8	8	8	8																				
Shortness of stem (1-9)	7	6	6	5	7	6	6	7	6	6	6		7	9	7	8																				
Earliness of flowering (1-9)	6	8	6	6	7	5	7	7	6	7	7		6	7	6	6																				
Earliness of maturity (1-9)	5	5	5	5	5	4	5	5	5	6	6		5	6	5	5																				
<b>Seed quality (at 9% moisture)</b>																																				
Oil content, fungicide-treated (%)	45.1	46.0	45.7	46.2	46.3	45.5	46.0	44.5	46.3	45.0	45.8		46.2	44.5	44.9	44.6																				
Glucosinolate (µmoles/g of seed)	11.1	13.0	11.2	10.4	9.5	12.0	12.9	12.3	9.9	11.4	10.4		10.2	10.7	13.7	12.0																				
<b>Disease resistance</b>																																				
Light leaf spot (1-9)	6	7	6	6	7	7	6	6	7	6	6		6	7	6	6																				
Stem canker (1-9)	6	5	6	9	4	7	5	5	4	8	5		3	8	6	4																				

Varieties no longer listed in the North region: Cracker, Incentive and PT211

C = yield control (for current table). For this table, PR46W21, DK Cabernet, PT211 and Trinity were the yield controls.

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<sup>2</sup> for RL trials. Maximum seed rate is 70 seeds/m<sup>2</sup> 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

Conv = conventional open-pollinated variety

\* = variety no longer in trial in region

N = recommended for the North region

RH = restored hybrid

[ ] = limited data

Sp = specific recommendation

~ HOLL (high oleic, low linolenic) variety

¥ = Amalie has a specific recommendation for its resistance to Turnip Yellow 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

& Clearfield® variety, with tolerance to specific imidazolinone herbicides

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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### Supplementary data

	Anastasia	Alizze	Campus	DK Explicit	Nikita	Barbados	V316-OL ~	SY Harnas	V-324-OL ~	DK Exentiel	PT234	Mentor \$	DK Secret #	Amalie #	Troy #	Average LSD (5%)	DK Imagis-CL &
Variety type	Conv	RH	Conv	RH	Conv	Conv	RH	RH	RH	RH	RH	RH	RH	Conv	RH		RH
Scope of recommendation	N	UK	UK	N	UK	N	UK	UK	N	N	N	Sp	UK	Sp	UK		N
<b>Breeder/ UK contact</b>																	
Breeder	Lim	R2n	Mom	DK	LimEur	Mom	Mon	Syn		Mon	DP	NPZ	MonTec	LimEur	LSPB		DK
UK contact	Lim	RAGT	KWS	DK	Lim	KWS	Mon	Syn	Mon	DK	DP	LSPB	Mon	Lim	DSV		DK
<b>Annual treated gross output, yield adjusted for oil content (% control) - North region</b>																	
2013 (5.2 t/ha)	[111]	[105]	[98]	[105]	[106]	[111]	[99]	[104]	[107]	[104]	[101]	[97]	-	[90]	[97]	12.5	[100]
2014 (5.4 t/ha)	[113]	[116]	[115]	[115]	[113]	[111]	[115]	[118]	[109]	[108]	[110]	[100]	[95]	-	96	12.1	[108]
2015 (6.0 t/ha)	[106]	[106]	[106]	[101]	[104]	[104]	[105]	[103]	[105]	[101]	[101]	[103]	[96]	[97]	94	9.3	[95]
2016 (4.6 t/ha)	[115]	[110]	[113]	[116]	[113]	[112]	[113]	[107]	[109]	[111]	[103]	[99]	[100]	[95]	[94]	14.5	[104]
<b>Agronomy</b>																	
Plant height (cm)	145	151	154	164	145	152	157	147	155	153	151	147	119	147	130	3.1	158
<b>Status in RL system</b>																	
Year first listed	13	16	15	15	16	16	15	15	16	15	15	15	17	16	13		-
RL status	-	P2	-	*	P2	P2	-	-	P2	*	*	-	P1	P2	*		-

[ ] = limited data

P1 = first year of recommendation

P2 = second year of recommendation

#### Key to Breeder and UK contact codes

DK = DEKALB ([www.dekalb.co.uk](http://www.dekalb.co.uk))  
 DP = DuPont Pioneer ([www.pioneer.com/uk](http://www.pioneer.com/uk))  
 DSV = DSV UK ([www.dsv-uk.co.uk](http://www.dsv-uk.co.uk))  
 KWS = KWS UK ([www.kws-uk.com](http://www.kws-uk.com))  
 LimEur = Limagrain Europe SA ([www.limagrain.co.uk](http://www.limagrain.co.uk))

Lim = Limagrain UK ([www.limagrain.co.uk](http://www.limagrain.co.uk))  
 LSPB = LS Plant Breeding ([www.lspb.eu](http://www.lspb.eu))  
 Mom = Momont, France  
 Mon = Monsanto UK Ltd ([www.monsanto.com](http://www.monsanto.com))  
 MonTec = Monsanto Technology LLC ([www.monsanto.com](http://www.monsanto.com))

NPZ = NPZ-Lembke, Germany ([www.npz.de](http://www.npz.de))  
 RAGT = RAGT Seeds ([www.ragt.co.uk](http://www.ragt.co.uk))  
 R2n = RAGT, France ([www.ragt.co.uk](http://www.ragt.co.uk))  
 Syn = Syngenta UK Ltd ([www.syngenta.co.uk](http://www.syngenta.co.uk))

Described Variety

NEW

