

# AHDB Recommended List - Table 14

## Winter oilseed rape 2016/17 - North region

Yield, quality, agronomy and disease resistance																	Other varieties		
	RECOMMENDED	NEW	NEW	NEW	NEW	*	C *	NEW	*									Described	
	Alize	SY Harnas	Anastasia	Barbados	Campus	Nikita	V316 OL ~	V 324 OL ~	DK Explicit	Incentive	PT234	DK Exentiel	PT211	Mentor \$	Troy #	Amalie #	Cracker \$	Average LSD (5%)	DK Imagis CL &
Variety type	RH	RH	Conv	Conv	Conv	Conv	RH	RH	RH	RH	RH	RH	RH	RH	RH SD	Conv	RH		RH
Scope of recommendation	UK	UK	N	N	UK	N	UK	N	N	UK	N	N	UK	Sp	Sp	Sp	Sp		Described
<b>Gross output (yield adjusted for oil content) as % control</b>																			
Fungicide-treated (5.2 t/ha)	111	111	110	110	110	110	109	109	108	108	107	107	104	103	97	[97]	93	5.6	103
<b>Seed yield as % control</b>																			
Fungicide-treated (4.8 t/ha)	110	111	110	109	109	108	108	107	107	107	105	106	103	101	98	[98]	94	5.1	103
<b>Agronomic features</b>																			
Resistance to lodging	8	8	8	8	8	8	8	8	7	8	8	8	8	8	8	8	8	0.2	8
Stem stiffness	8	7	8	8	8	8	8	8	7	8	8	7	8	9	9	8	8	0.5	7
Shortness of stem	6	7	7	6	6	7	6	6	5	6	6	6	6	7	8	7	6	0.3	6
Earliness of flowering	8	7	6	5	6	7	7	6	6	7	7	7	6	6	6	6	7	0.4	5
Earliness of maturity	5	5	5	4	5	5	5	5	5	5	6	6	5	5	5	5	5	0.5	5
<b>Seed quality (at 9% moisture)</b>																			
Oil content, fungicide-treated (%)	45.4	44.0	44.3	44.9	45.2	45.6	45.3	45.9	45.7	45.0	45.3	44.5	45.1	45.9	44.0	44.2	43.9	0.5	44.7
Glucosinolate (µmoles/g of seed)	13.0	12.3	11.1	12.0	11.2	9.5	12.9	9.9	10.4	10.1	10.4	11.4	10.6	10.2	12.0	13.7	10.4	-	11.7
<b>Disease resistance</b>																			
Light leaf spot	7	6	6	7	6	7	6	6	6	6	6	6	6	6	6	6	7	0.7	6
Stem canker	5	5	5	7	5	4	6	5	9	4	5	8	5	3	4	5	4	1.1	5

Varieties no longer listed in the North region: Artoga, Boheme, Catana, Compass and DK Expower

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

There may be races of light leaf spot present in Scotland to which varieties with high resistance are susceptible.

The target (spring) plant population is 40 plants/m<sup>2</sup> for RL trials. Maximum seedrate is 70 seeds/m<sup>2</sup> and may be lower if conditions permit.

Glucosinolate contents are taken from the National List trials data.

C = yield control (for current table). For this table DK Cabernet, PR46W21, PT211 and Vision were the yield controls but only PT211 is still listed for the North region.

\* = variety no longer in trial in region

Conv = conventional open-pollinated variety

UK = recommended for both the East/West and North regions

[ ] = limited data

RH = restored hybrid

N = recommended for the North region

Sp = specific recommendation

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

\$ Cracker and Mentor are recommended for growing on land infected with common strains of clubroot. They may, however, be infected by some strains and infections have been reported in some fields

~ HOLL (high oleic, low linolenic) variety

# Semi-dwarf varieties that are 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 5% confidence level.



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Supplementary data																	Other varieties		
RECOMMENDED	NEW	NEW	NEW	NEW	*	C *	NEW	*									Described		
	Alizee	SY Harnas	Anastasia	Barbados	Campus	Nikita	V316 OL ~	V 324 OL ~	DK Explicit	Incentive	PT234	DK Exentiel	PT211	Mentor \$	Troy #	Amalie #	Cracker \$	Average LSD (5%)	DK Imagis CL &
Variety type	RH	RH	Conv	Conv	Conv	Conv	RH	RH	RH	RH	RH	RH	RH	RH	RH SD	Conv	RH		RH
Scope of recommendation	UK	UK	N	N	UK	N	UK	N	N	UK	N	N	UK	Sp	Sp	Sp	Sp		Described
<b>Breeder/ UK contact</b>																			
Breeder	R2n	Syn	Lim	Mom	Mom	LimEur	Mon	Mon	DK	LSPB	DP	Mon	DP	NPZ	LSPB	LimEur	LSPB		DK
UK contact	RAGT	Syn	Lim	KWS	KWS	Lim	Mon	Mon	DK	DSV	DP	DK	DP	LSPB	DSV	Lim	LSPB		DK
<b>Annual treated gross output (yield adjusted for oil content) as % control</b>																			
2012 (4.3 t/ha)	-	[111]	[107]	-	[106]	-	[108]	-	[104]	[107]	[110]	[109]	[102]	[104]	[102]	[89]	[95]	15.9	[109]
2013 (5.1 t/ha)	[107]	[105]	[112]	[113]	[99]	[108]	[100]	[108]	[106]	[112]	[102]	[104]	[107]	[97]	[99]	[91]	[97]	12.4	[101]
2014 (5.4 t/ha)	[116]	[118]	[114]	[111]	[116]	[113]	[116]	[109]	[115]	[110]	[110]	[109]	[104]	[101]	96	-	[91]	9.6	[108]
2015 (6.0 t/ha)	[107]	[104]	[107]	[105]	[107]	[105]	[106]	[106]	[102]	[104]	[102]	[102]	[103]	[104]	[95]	[98]	[90]	6.3	[96]
<b>Agronomy</b>																			
Plant height (cm)	152	147	147	152	155	146	157	155	162	153	151	153	154	148	132	147	153	3.0	158
<b>Harvest method - gross output (yield adjusted for oil content) as % control</b>																			
Swathed (5.3 t/ha)	[113]	[115]	[113]	[113]	[113]	[112]	[113]	[108]	[113]	[115]	[108]	[113]	[106]	[102]	[99]	[93]	[96]	9.4	[110]
Desiccated (5.0 t/ha)	111	110	109	109	110	109	109	110	107	106	106	104	103	103	97	101	92	6.3	100
<b>Status in RL system</b>																			
Year first listed	16	15	13	16	15	16	15	16	15	14	15	15	13	15	13	16	11		-
RL status	P1	P2	-	P1	P2	P1	P2	P1	P2	*	P2	P2	*	P2	-	P1	*		-

[ ] = limited data      \* = variety no longer in trial in region      P1 = first year of recommendation      P2 = second year of recommendation      Sp = specific recommendation  
 C = yield control (for current table). For this table DK Cabernet, PR46W21, PT211 and Vision were the yield controls but only PT211 is still listed for the North region.

### Key to Breeder and UK contact codes

DK = DEKALB ([www.dekalb.co.uk](http://www.dekalb.co.uk))      LimEur = Limagrain Europe SA ([www.limagrain.co.uk](http://www.limagrain.co.uk))      NPZ = NPZ-Lembke, Germany ([www.npz.de](http://www.npz.de))  
 DP = DuPont Pioneer ([www.pioneer.com/uk](http://www.pioneer.com/uk))      LSPB = LS Plant Breeding ([www.lspb.eu](http://www.lspb.eu))      R2n = RAGT, France ([www.ragt.co.uk](http://www.ragt.co.uk))  
 DSV = DSV UK ([www.dsv-uk.co.uk](http://www.dsv-uk.co.uk))      Mom = Momont, France      RAGT = RAGT Seeds ([www.ragt.co.uk](http://www.ragt.co.uk))  
 KWS = KWS UK ([www.kws-uk.com](http://www.kws-uk.com))      Mon = Monsanto UK Ltd ([www.monsanto.com](http://www.monsanto.com))      Syn = Syngenta UK Ltd ([www.syngenta.co.uk](http://www.syngenta.co.uk))  
 Lim = Limagrain UK ([www.limagrain.co.uk](http://www.limagrain.co.uk))

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