


HGCA Recommended List[®] winter oilseed rape 2011/12

North region

YIELD, AGRONOMY AND DISEASE RESISTANCE

RECOMMENDED 	P1		C		*		C		*		P1		C*		*	
	Compass	Fashion	Cuillin	Flash	Catana	Lioness	Excalibur	Hornet	Temple	Emerson	PR45D05 #	NKBravour	DK-Secure #	NK-Grace	Mendel \$	Average LSD (5%)
Variety type	RH	Conv	RH	RH	Conv	Conv	RH	RH	Conv	RH	Conv	RH	Conv	RH		
Scope of recommendation	UK	UK	North	UK	North	UK	UK	North	North	North	Sp	UK	Sp	North	Sp	
Gross output (yield adjusted for oil content) as % control																
Fungicide treated (5.3 t/ha)	108	106	105	105	104	103	102	101	101	100	99	98	98	97	93	6.5
Untreated as % of treated	[103]	[96]	[101]	[95]	[100]	[98]	[91]	[95]	[96]	[91]	[81]	[88]	[85]	[89]	[82]	8.6
Seed yield as % control																
Fungicide treated (5.0 t/ha)	105	104	104	104	103	100	102	102	99	99	100	97	100	97	94	6.2
Untreated as % of treated	[101]	[96]	[101]	97	98	95	93	96	95	[93]	[82]	89	[88]	89	83	8.1
Agronomic features																
Resistance to lodging	8	8	8	7	7	8	7	[7]	[8]	8	8	8	9	[8]	8	0.5
Stem stiffness	8	8	8	7	7	8	7	6	8	8	9	8	9	8	9	0.7
Shortness of stem	6	6	6	6	7	7	7	6	7	6	9	7	8	7	6	0.3
Earliness of flowering	6	7	8	6	7	6	8	6	6	7	6	7	4	7	6	0.4
Earliness of maturity	5	5	5	4	5	5	6	5	6	5	5	5	6	6	6	0.6
Autumn Vigour	7	7	7	7	7	7	7	7	7	7	6	7	6	7	7	0.4
Seed quality (at 9% moisture)																
Oil content, fungicide treated (%)	46.3	45.0	45.4	44.9	45.3	46.4	43.8	44.0	45.3	44.9	43.9	45.2	43.3	44.4	43.8	0.65
Glucosinolate (µmoles/g of seed)	9.7	11.9	9.8	13.0	14.3	8.5	17.4	14.1	15.5	13.5	10.1	9.8	13.8	12.7	12.3	
Disease resistance																
Light leaf spot	6	6	9	5	7	5	6	6	7	9	6	5	6	6	5	0.9
Stem canker	4	5	4	4	4	5	5	5	5	4	5	5	5	5	5	1.0
Year first listed	11	11	09	08	08	05	06	07	08	09	11	05	09	06	02	

C = yield control P1 = first year of recommendation * = variety no longer in trial in region

Castille was also a control but is not recommended in this region

[] = limited data

Conv = Conventional open-pollinated variety

RH = restored hybrid

Sp = specific recommendation

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

North = recommended for the North Region

Hybrids are sown in trials at 70 seeds/sqm, conventional varieties at 120 seeds/sqm

\$ = Mendel is recommended for growing on land infected with common strains of clubroot but may be infected by some strains and infections have been reported in some fields

= DK-Secure, DK-Sequoia and PR45D05 are 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

Average LSD 5%. Varieties that are more than one LSD apart are significantly different at the 5% confidence level

Glucosinolate contents are taken from the National List trials data

Varieties no longer Listed for the North region: Canti CS, ES Betty

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Candidates

Oracle	Sesame	Artoga	Palace	Rhino	DK-Camella	Cracker	DK-Sequoia #
Conv	Conv	RH	RH	RH	Conv	RH	RH
-	-	-	-	-	-	-	-
107	106	105	105	103	102	101	98
-	-	-	-	-	-	-	-
[107]	[106]	[105]	[104]	[101]	[102]	[101]	[100]
-	-	-	-	-	-	-	-
8	[8]	[7]	7	8	8	8	9
9	8	7	8	8	8	8	9
7	6	6	6	7	7	6	9
5	6	7	8	8	5	7	4
5	4	7	5	6	4	5	5
6	7	7	7	7	7	7	7
44.0	44.0	44.3	44.6	45.2	44.6	44.1	43.0
13.3	12.8	11.6	11.4	10.0	9.5	10.4	11.5
6	6	7	7	6	6	9	6
6	5	5	5	5	5	4	5
-	-	-	-	-	-	-	-

The above varieties are candidates for recommendation in 2011

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winter oilseed rape 2011/12 North region

SUPPLEMENTARY DATA

	P1		P1		C		*		C		*		P1		C*		*		Average LSD (5%)
	Compass	Fashion	Cuillin	Flash	Catana	Lioness	Excalibur	Hornet	Temple	Emerson	PR45D05 #	NKBravour	DK-Secure #	NK-Grace	Mendel \$				
Variety type	RH	Conv	RH	RH	Conv	Conv	RH	RH	Conv	RH	RH	Conv	RH	Conv	RH				
Scope of recommendation	UK	UK	North	UK	North	UK	UK	North	North	North	Sp	UK	Sp	North	Sp				
Breeder/ UK contact																			
Breeder	DSV	LSW	KWS	DSV	DK	DSV	DK	DSV	Els	Lim	Pion	SSG	DK	SSG	NPZ				
UK contact	DSV	Sen	KWS	DSV	DK	DSV	DK	DSV	Els	Lim	Pion	NK	DK	NK	KWS				
Annual treated gross output (yield adjusted for oil content) as % control																			
2007 (5.4 t/ha)	[104]	[108]	[103]	[104]	[108]	[101]	[99]	[101]	[100]	[104]	[103]	[98]	[101]	[97]	[87]				13.7
2008 (5.0 t/ha)	[104]	[109]	[110]	[108]	[105]	[103]	[105]	[105]	[101]	[106]	[96]	99	[97]	[101]	[93]				12.7
2009 (4.9 t/ha)	[107]	[101]	[99]	[108]	[99]	[94]	[104]	[100]	[94]	[97]	[90]	[96]	[88]	[99]	[87]				7.4
2010 (5.6 t/ha)	[112]	[105]	[107]	[102]	[104]	[109]	[100]	[100]	[105]	[96]	[102]	[98]	[104]	[93]	[99]				7.7
Annual untreated gross output (yield adjusted for oil content) as % control																			
2007 (5.2 t/ha)	-	-	-	[101]	[115]	[108]	[99]	[101]	[103]	-	-	[111]	[111]	[115]	[82]				6.0
2008 (4.3 t/ha)	-	-	[123]	[109]	[111]	[109]	[107]	[112]	[112]	[112]	-	[101]	[98]	[104]	[91]				12.5
2009 (4.9 t/ha)	[107]	[99]	[105]	[110]	[111]	[106]	[101]	[105]	[98]	[97]	[82]	[95]	[80]	[102]	[87]				11.4
2010 (4.8 t/ha)	[120]	[111]	[111]	[107]	[113]	[114]	[100]	[104]	[115]	[97]	[95]	[93]	[105]	[90]	[101]				10.5
Agronomy																			
Plant height (cm)	164	159	160	166	154	150	156	163	154	161	123	153	135	151	158				3.2
Harvest method - gross output (yield adjusted for oil content) as % control																			
Swathed (5.3 t/ha)	[106]	[105]	[103]	[106]	[99]	[101]	[100]	[101]	[96]	[101]	[100]	[95]	[98]	[93]	[89]				11.5
Desiccated (5.3 t/ha)	[107]	[104]	[103]	[108]	[108]	[100]	[101]	[104]	[100]	[100]	[94]	98	[94]	[99]	[89]				11.0

C = yield control P1 = first year of recommendation * = variety no longer in trial in region

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Key to Breeder and UK contact codes

DK = DEKALB (www.dekalb.co.uk)

DSV = DSV United Kingdom (www.dsv-uk.co.uk)

Els = Elsoms Seeds (www.elsoms.com)

KWS = KWS UK (www.kws-uk.com)

LSW = Lantmännen SW Seed, Sweden

Lim = Limagrain UK (www.limagrain.co.uk)

LSPB = LS Plant Breeding (www.lspb.eu)

NK = NK-Syngenta Seeds (www.oilseedrape.com)

NPZ = NPZ Lembke, Germany

Pion = Pioneer Hi-Bred (www.pioneer.com)

Sen = Senova (www.senova.uk.com)

SSG = Syngenta Seeds, Germany

Candidates

Oracle	Sesame	Artoga	Palace	Rhino	DK-Camella	Cracker	DK-Sequoia #
Conv	Conv	RH	RH	RH	Conv	RH	RH
-	-	-	-	-	-	-	-
KWS	LSPB	Lim	LSPB	KWS	DK	LSPB	DK
KWS	LSPB	Lim	LSPB	KWS	DK	LSPB	DK
-	-	-	-	-	-	-	-
[106]	[101]	[103]	[117]	[102]	[99]	[107]	[94]
-	-	-	-	-	-	-	-
[108]	[108]	[107]	[102]	[105]	[105]	[100]	[101]
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
[119]	[116]	[110]	[105]	[111]	[110]	[101]	[98]
154	159	166	165	154	150	162	130
[104]	[103]	[108]	[100]	[105]	[98]	[93]	[96]
-	-	-	-	-	-	-	-

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