

# HGCA Recommended List<sup>®</sup> winter oilseed rape 2010/11 North region

YIELD, AGRONOMY AND DISEASE RESISTANCE															
	RECOMMENDED		P2	P2	C				C			P2	*		Average LSD (5%)
	Flash	Catana	Cuillin	Emerson	Excalibur	Hornet	NK-Grace	Lioness	NKBravour	Temple	Canti-CS	DK-Secure #	Es-Betty	Mendel \$	
Variety type	RH	Conv	RH	RH	RH	RH	Conv	Conv	Conv	Conv	Conv	RH	RH	RH	
Scope of recommendation	UK	North	North	North	UK	North	North	UK	UK	North	North	Sp	North	Sp	
<b>Gross output (yield adjusted for oil content) as % control</b>															
Fungicide treated (5.0 t/ha)	111	110	108	106	106	105	104	104	103	103	103	100	98	91	7.2
Untreated as % of treated	[97]	[101]	[104]	[96]	[94]	[95]	[95]	[97]	[90]	[95]	[93]	[81]	[85]	[78]	10.9
<b>Seed yield as % control</b>															
Fungicide treated (4.7 t/ha)	108	108	105	104	106	104	104	100	101	101	102	101	97	91	6.8
Untreated as % of treated	[98]	[98]	[103]	[96]	95	95	93	94	90	[92]	[95]	[82]	[87]	80	10.2
<b>Agronomic features</b>															
Resistance to lodging	7	7	8	8	7	7	8	8	8	8	7	9	7	8	0.5
Stem stiffness	7	7	8	8	7	6	8	8	8	8	7	9	7	9	0.6
Shortness of stem	6	7	6	6	7	6	7	7	7	7	6	8	6	6	0.3
Earliness of flowering	6	7	8	7	8	5	7	7	7	6	5	4	7	6	0.4
Earliness of maturity	5	5	5	5	6	5	5	5	5	6	5	6	5	6	0.5
<b>Seed quality (at 9% moisture)</b>															
Oil content of seed, fungicide treated (%)	45.1	45.3	45.6	45.1	43.7	44.2	44.6	46.7	45.2	45.4	43.8	43.3	43.4	43.9	0.7
<b>Disease resistance</b>															
Light leaf spot	5	8	9	9	6	6	6	6	5	7	6	6	6	5	0.7
Stem canker	4	4	4	4	5	5	5	5	5	5	5	5	4	5	0.7
Year first listed	08	08	09	09	06	07	06	05	05	08	08	09	06	02	

C = yield control. Castille and Winner were also control varieties but are not recommended for the region

P2 = second year of recommendation

\* = variety no longer in trial in region

Conv = Conventional open-pollinated variety

RH = restored hybrid

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

\$ = Mendel is recommended for growing on clubroot infected land

# = DK-Secure is a semi-dwarf variety that is 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

All recommended varieties adhere to glucosinolate standards for marketing in the UK as double lows.

**Varieties no longer Listed for the North region:** NKVictory, Toccata

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Candidates			
Fashion	Compass	Krypton	PR45D05 #
Conv	RH	Conv	RH
-	-	-	-
110	110	105	101
-	-	-	-
[108]	[106]	[102]	[101]
-	-	-	-
[8]	[8]	[8]	[9]
8	9	9	9
7	6	7	9
6	6	4	6
5	5	3	4
45.1	46.5	45.9	44.1
6	6	7	6
5	4	5	5
-	-	-	-

Fashion, Compass, Krypton and PR45D05 are candidates for recommendation in 2010

[ ] = limited data

Sp = specific recommendation

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

North = recommended for the North Region

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SUPPLEMENTARY DATA															
	RECOMMENDED		P2		P2	C		C		P2		*			Average LSD (5%)
	Flash	Catana	Cuillin	Emerson	Excalibur	Hornet	NK-Grace	Lioness	NKBravour	Temple	Caniti-CS	DK-Secure #	Es-Betty	Mendel \$	
Variety type	RH	Conv	RH	RH	RH	RH	Conv	Conv	Conv	Conv	Conv	RH	RH	RH	
Scope of recommendation	UK	North	North	North	UK	North	North	UK	UK	North	North	Sp	North	Sp	
<b>Breeder/ UK contact</b>															
Breeder	DSV	DK	KWS	Nick	DK	DSV	SSG	DSV	SSG	Els	Caus	DK	Eur	NPZ	
UK contact	DSV	DK	KWS	Nick	DK	DSV	NK	DSV	NK	Els	Els	DK	GSd	KWS	
<b>Annual treated gross output (yield adjusted for oil content) as % control</b>															
2006 (5.0 t/ha)	[112]	[126]	[103]	[103]	[102]	[101]	[104]	[103]	[104]	[107]	[104]	[100]	[94]	[86]	14.1
2007 (5.2 t/ha)	[109]	[113]	[108]	[108]	[104]	[105]	[102]	[105]	[103]	[105]	[108]	[105]	[100]	[91]	12.2
2008 (4.7 t/ha)	[115]	[112]	[117]	[112]	[111]	[111]	[107]	[109]	105	[107]	[105]	[103]	[103]	[99]	12.6
2009 (4.7 t/ha)	[113]	[103]	[104]	[102]	[109]	[105]	[104]	[99]	[101]	[98]	[99]	[93]	-	[92]	7.4
<b>Annual untreated gross output (yield adjusted for oil content) as % control</b>															
2006 (4.1 t/ha)	-	-	-	-	[106]	[100]	[106]	[107]	[98]	-	-	-	[93]	[86]	13.5
2007 (4.9 t/ha)	[104]	[119]	-	-	[103]	[104]	[119]	[112]	[115]	[106]	[115]	-	[94]	[85]	5.7
2008 (4.1 t/ha)	[116]	[118]	[131]	[119]	[114]	[119]	[111]	[115]	[107]	[119]	[114]	[104]	[109]	[97]	12.9
2009 (4.6 t/ha)	[117]	[118]	[111]	[103]	[108]	[111]	[108]	[113]	[101]	[104]	[100]	[85]	-	[92]	13.0
<b>Harvest method - gross output (yield adjusted for oil content) as % control</b>															
Swathed (5.1 t/ha)	[112]	[100]	[99]	[102]	103	100	101	101	102	[99]	[102]	[96]	[94]	[86]	13.1
Desiccated (5.0 t/ha)	113	116	110	107	106	109	105	106	104	106	107	100	[99]	[94]	9.6

\* = variety no longer in trial in region

#### Key to Breeder and UK contact codes

Caus = Caussade Semences

DK = DEKALB ([www.dekalb.co.uk](http://www.dekalb.co.uk))

DSV = DSV UK ([www.dsv-uk.co.uk](http://www.dsv-uk.co.uk))

Els = Elsoms Seeds ([www.elsoms.com](http://www.elsoms.com))

[ ] = limited data

Eur = Euralis

GSd = Grainseed ([www.grainseed.co.uk](http://www.grainseed.co.uk))

KWS = KWS ([www.kws-uk.com](http://www.kws-uk.com))

Nick = Nickerson ([www.nickersonseeds.co.uk](http://www.nickersonseeds.co.uk))

NK = NK-Syngenta Seeds ([www.oilseedrape.com](http://www.oilseedrape.com))

NPZ = NPZ Lembke

Pion = Pioneer Hi-Bred ([www.pioneer.com](http://www.pioneer.com))

Sen = Senova ([www.senova.uk.com](http://www.senova.uk.com))

SSG = Syngenta Seeds

SW = Svalöf Weibull AB

Candidates			
Fashion	Compass	Krypton	PR45D05 #
Conv	RH	Conv	RH
-	-	-	-
SW	DSV	KWS	Pion
Sen	DSV	KWS	Pion
-	-	-	-
-	-	-	-
[110]	[106]	[107]	[106]
[115]	[110]	[110]	[101]
[106]	[113]	[99]	[95]
-	-	-	-
-	-	-	-
-	-	-	-
[106]	[113]	[101]	[87]
[111]	[106]	[101]	[104]
[110]	[113]	[107]	[99]

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