

# HGCA Recommended List<sup>®</sup> winter oilseed rape 2012/13 East/West region

## YIELD, AGRONOMY AND DISEASE RESISTANCE


	RECOMMENDED	NEW			NEW			NEW																	Other varieties			
	PR46W21	DK Cabernet	Sesame	DK Camelot	Compass	DK Expower	Rhino	Fashion	Thorin #	Dimension	Excalibur	Palace	Vision	DK Sequoia #	Flash	Cash	Expert	Lioness	PR45D05 #	Es Astrid	Hammer	Cracker \$	PR45D03 #	Castille	Mendel \$	Average LSD (5%)	Eraton @	V141OL -
Variety type	RH	Conv	Conv	Conv	RH	RH	RH	Conv	RH	RH	RH	RH	Conv	RH	RH	Conv	Conv	Conv	RH	Conv	RH	RH	RH	Conv	RH		RH	Conv
Scope of recommendation	E/W	E/W	UK	UK	UK	UK	UK	UK	UK	E/W	UK	UK	E/W	Sp	UK	E/W	E/W	UK	Sp	E/W	E/W	Sp	Sp	E/W	Sp		HEAR	HOLL
<b>Gross output (yield adjusted for oil content) as % control</b>																												
Fungicide treated (5.3 t/ha)	109	108	107	106	106	105	105	104	104	103	103	102	102	101	101	100	100	100	99	98	98	97	97	94	94	4.1	100	90
<b>Seed yield as % control</b>																												
Fungicide treated (5.0 t/ha)	106	105	106	104	103	104	103	103	103	100	102	101	102	101	100	98	100	97	100	100	96	97	97	96	94	3.6	95	89
<b>Agronomic features</b>																												
Resistance to lodging	8	8	8	[7]	8	[7]	7	8	[8]	8	7	8	8	8	7	[8]	8	8	9	8	8	8	9	8	[8]	0.4	[8]	[8]
Stem stiffness	9	9	8	7	8	7	7	8	9	8	7	8	8	9	7	8	7	8	9	8	8	8	9	7	9	0.6	8	6
Shortness of stem	6	7	6	8	6	6	7	6	9	6	7	6	7	8	6	7	6	7	9	8	6	6	9	8	7	0.3	6	7
Earliness of flowering	7	5	6	6	6	7	7	6	7	7	8	7	6	4	5	7	6	6	6	4	6	6	5	8	6	0.4	8	6
Earliness of maturity	5	4	4	6	5	6	6	5	5	5	6	5	5	6	4	6	4	5	5	6	5	6	5	6	6	0.6	6	6
<b>Seed quality (at 9% moisture)</b>																												
Oil content, fungicide treated (%)	46.7	45.9	44.6	46.4	46.7	45.6	45.6	45.2	45.3	46.6	45.1	45.4	44.5	44.7	45.0	45.9	44.5	46.5	44.4	43.4	46.2	44.8	44.5	43.2	44.1	0.4	47.6	45.5
Glucosinolate (µmoles/g of seed)	-	9.6	12.6	9.9	9.9	11.2	10.0	12.3	10.7	-	17.7	11.7	-	11.6	12.2	13.4	-	-	11.1	-	-	10.6	-	17.0	-		11.0	-
<b>Disease resistance</b>																												
Light leaf spot	5	6	6	6	6	6	6	6	6	5	6	7	6	6	5	5	5	5	6	5	5	9	5	5	5	0.8	5	7
Stem canker	4	5	5	[5]	4	[9]	5	4	[5]	5	4	5	6	5	4	7	6	5	4	7	6	4	4	6	5	1.1	[5]	6
<b>Status in RL system</b>																												
Year first listed	09	10	11	12	11	12	11	10	12	09	06	11	09	11	08	11	04	05	11	05	09	11	09	05	02		-	-
RL status	-	-	P2	P1	P2	P1	P2	-	P1	*	C*	P2	C	P2	C*	P2	*	*	P2	*	*	P2	*	C*	*		*	*

P1, P2 = first and second year of recommendation  
 \* = variety no longer in trial in region  
 C = yield control  
 Hybrids are sown in trials at 70 seeds/sqm, conventional varieties at 120 seeds/sqm  
 \$ = Cracker and Mendel are recommended for growing on clubroot infected land  
 # = Thorin, DK Sequoia, PR45D05 and PR45D03 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  
 @ = Eraton is a high erucic acid (HEAR) variety  
 ~ = V141OL is a high oleic, low linolenic (HOLL) variety  
 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 in the East West region: DK Secure, Excel and NKBravour

® = "HGCA RECOMMENDED LIST" is a registered trademark of the Agriculture and Horticulture Development Board

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SUPPLEMENTARY DATA																										Other varieties		
RECOMMENDED 	PR46W21	DK Cabernet	Sesame	NEW DK Camelot	NEW Compass	NEW DK Expower	Rhino	Fashion	NEW Thorin	Dimension	Excalibur	Palace	Vision	DK Sequoia	Flash	Cash	Expert	Lioness	PR45D05	Es Astrid	Hammer	Cracker	PR45D03	Castille	Mendel	Average LSD (5%)	Eraton	V141OL
	Variety type	RH	Conv	Conv	Conv	RH	RH	RH	Conv	RH	RH	RH	RH	Conv	RH	RH	Conv	Conv	Conv	RH	Conv	RH	RH	RH	Conv	RH		RH
Scope of recommendation	E/W	E/W	UK	UK	UK	UK	UK	UK	UK	E/W	UK	UK	E/W	Sp	UK	E/W	E/W	UK	Sp	E/W	E/W	Sp	Sp	E/W	Sp		-	HOLL
<b>Breeder/ UK contact</b>																												
Breeder	Pion	DK	LSPB	DK	DSV	DK	KWS	LSW	LSPB	DSV	DK	LSPB	LSW	DK	DSV	KWS	Mom	DSV	Pion	Eur	DSV	LSPB	Pion	DK	NPZ		LSPB	DK
UK contact	Pion	DK	LSPB	DK	DSV	DK	KWS	Sen	LSPB	DSV	DK	LSPB	Sen	DK	DSV	KWS	Lim	DSV	Pion	GSd	DSV	LSPB	Pion	DK	KWS		LSPB	DK
<b>Annual treated gross output (yield adjusted for oil content) as % control</b>																												
2008 (4.8 t/ha)	107	[114]	[115]	-	[111]	-	[109]	[110]	-	103	98	[105]	104	[103]	101	[108]	98	103	[97]	96	98	[98]	93	97	[91]	7.9	-	-
2009 (5.5 t/ha)	107	105	112	107	106	101	103	104	104	102	99	104	103	99	102	100	101	98	96	98	98	98	95	96	[93]	5.0	101	90
2010 (5.2 t/ha)	111	106	105	105	106	106	106	104	101	104	105	105	101	101	100	99	99	98	104	100	98	97	101	94	[94]	5.8	102	90
2011 (5.8 t/ha)	110	110	104	106	105	108	105	104	107	103	109	100	101	104	101	100	-	-	101	-	-	99	-	89	-	6.3	96	-
<b>Agromony</b>																												
Plant height (cm)	166	157	161	146	167	160	153	161	132	166	158	165	157	135	167	158	161	154	126	144	164	164	124	143	159	3.1	161	157
<b>Harvest method - gross output (yield adjusted for oil content) as % control</b>																												
Swathed (5.2 t/ha)	109	107	108	109	105	108	106	103	103	105	104	103	101	101	101	102	104	99	96	102	101	99	96	94	[94]	5.6	102	91
Desiccated (5.2 t/ha)	108	109	107	105	107	104	105	105	108	103	102	102	103	102	100	99	99	101	102	97	98	97	97	95	93	4.3	98	90

[ ] = limited data

### Key to Breeder and UK contact codes

DK = DEKALB ([www.dekalb.co.uk](http://www.dekalb.co.uk))  
 DSV = DSV United Kingdom ([www.dsv-uk.co.uk](http://www.dsv-uk.co.uk))  
 Eur = Euralis, France  
 GSd = Grainseed ([www.grainseed.co.uk](http://www.grainseed.co.uk))  
 KWS = KWS UK ([www.kws-uk.com](http://www.kws-uk.com))

LSW = Lantmännen SW Seed AB, Sweden  
 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  
 NPZ = NPZ Lembke, Germany

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