

HGCA Recommended List[®]

winter oilseed rape 2010/11 East & West region

YIELD, AGRONOMY AND DISEASE RESISTANCE



	P1	P2	P1	P2	P2		P2	C	C	C		P2	P2		Average LSD (5%)			
	DK-Cabernet	PR46W21	Fashion	Dimension	Vision	Flash	Hammer	Excalibur	Expert	Castille	Lioness	NKBravour	Es-Astrid	Excel	PR45D03 #	DK-Secure #	Mendel \$	
Variety type	Conv	RH	Conv	RH	Conv	RH	RH	RH	Conv	Conv	Conv	Conv	Conv	RH	RH	RH	RH	
Scope of recommendation	E&W	E&W	E&W	E&W	E&W	UK	E&W	UK	E&W	E&W	UK	UK	E&W	E&W	Sp	Sp	Sp	
Gross output (yield adjusted for oil content) as % control																		
Fungicide treated (4.7 t/ha)	111	111	108	107	106	105	104	102	102	102	102	102	101	100	99	98	94	5.0
Untreated as % of treated	-	[93]	-	[92]	[93]	90	[94]	87	85	86	89	88	85	84	86	[90]	81	12.3
Seed yield as % control																		
Fungicide treated (4.5 t/ha)	109	107	106	104	106	104	101	102	102	103	99	100	103	100	99	99	95	4.5
Untreated as % of treated	-	[90]	-	[89]	[94]	90	[91]	87	86	87	87	87	87	85	86	[91]	82	11.4
Agronomic features																		
Resistance to lodging	[8]	8	[8]	8	8	7	8	7	8	8	8	8	8	6	9	9	8	0.5
Stem stiffness	9	9	8	8	7	7	8	7	8	7	8	8	8	6	9	9	9	0.6
Shortness of stem	7	6	7	6	7	6	6	7	6	8	7	7	8	6	9	8	6	0.3
Earliness of flowering	5	7	6	7	6	6	7	8	6	8	7	7	5	6	6	4	6	0.4
Earliness of maturity	4	5	5	5	5	5	5	6	4	6	5	5	6	5	5	6	6	0.5
Seed quality (at 9% moisture)																		
Oil content of seed, fungicide treated (%)	45.3	46.2	44.9	46.0	44.3	44.7	45.8	44.2	44.0	43.4	46.4	45.3	42.7	43.7	43.9	43.4	43.7	0.4
Disease resistance																		
Light leaf spot	6	5	6	6	6	5	5	6	5	5	6	5	5	5	6	6	5	0.7
Stem canker	6	4	5	5	6	4	6	5	6	6	5	5	7	9	4	5	5	0.7
Year first listed	10	09	10	09	09	08	09	06	04	05	05	05	05	07	09	09	02	

Other variety

V141OL ~
Conv
HOLL
91
[77]
90
[77]
[7]
6
7
7
6
45.0
7
6
-

P1, P2 = first and second year of recommendation * = variety no longer in trial in region [] = limited data
 C = yield control. Winner was also a control variety but is no longer recommended
 Conv = Conventional open-pollinated variety RH = restored hybrid Sp = specific recommendation
 Hybrids are sown in trials at 70 seeds/sqm, conventional varieties at 120 seeds/sqm UK = recommended for both the East & West and North regions
 \$ = Mendel is recommended for growing on clubroot infected land E&W = recommended for the East & West region
 # = PR45D03 and DK-Secure 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
 ~ = 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
 All recommended varieties adhere to glucosinolate standards for marketing in the UK as double lows.
Varieties no longer Listed for the East & West region: Toccata
 ® = "HGCA RECOMMENDED LIST" is a registered trademark of ADHB

HGCA Recommended List[®] winter oilseed rape 2010/11 East & West region

SUPPLEMENTARY DATA

	P1		P2		P1		P2		P2		P2		C		C		C		P2		P2		Other variety
	DK-Cabernet	PR46W21	Fashion	Dimension	Vision	Flash	Hammer	Excalibur	Expert	Castille	Lioness	NKBravour	Es-Astrid	Excel	PR45D03 #	DK-Secure #	Mendel \$	Average LSD (5%)					V141OL ~
Variety type	Conv	RH	Conv	RH	Conv	RH	RH	RH	Conv	Conv	Conv	Conv	Conv	RH	RH	RH	RH						Conv
Scope of recommendation	E&W	E&W	E&W	E&W	E&W	UK	E&W	UK	E&W	E&W	UK	UK	E&W	E&W	Sp	Sp	Sp						HOLL
Breeder/ UK contact																							
Breeder	DK	Pion	SW	DSV	SW	DSV	DSV	DK	Mom	DK	DSV	SSG	Eur	DK	Pion	DK	NPZ						DK
UK contact	DK	Pion	Sen	DSV	Sen	DSV	DSV	DK	Nick	DK	DSV	NK	GSd	DK	Pion	DK	KWS						DK
Annual treated gross output (yield adjusted for oil content) as % control																							
2006 (4.4 t/ha)	-	[113]	-	[113]	[106]	103	[112]	100	99	103	100	101	97	95	102	[100]	-	8.1					88
2007 (4.6 t/ha)	110	112	105	107	107	105	105	103	102	105	99	99	104	105	98	96	[90]	5.7					-
2008 (4.7 t/ha)	[120]	112	[115]	107	109	105	102	103	102	103	107	103	101	99	97	101	[96]	7.6					-
2009 (5.3 t/ha)	107	109	106	104	106	105	101	102	104	97	100	104	100	99	98	98	[96]	6.6					92
Annual untreated gross output (yield adjusted for oil content) as % control																							
2006 (4.0 t/ha)	-	-	-	-	-	-	-	[100]	[97]	[104]	[98]	[102]	[94]	[95]	-	-	-	10.1					-
2007 (3.4 t/ha)	-	-	-	-	-	[106]	-	[102]	[103]	[108]	[90]	[98]	[107]	[118]	[94]	-	[92]	13.1					-
2008 (4.0 t/ha)	-	[116]	-	[116]	[110]	[108]	[120]	[99]	[100]	[95]	[125]	[112]	[96]	[89]	[107]	[110]	[96]	16.7					-
2009 (4.7 t/ha)	[112]	[104]	[105]	[102]	[109]	[105]	[103]	[105]	[100]	[97]	[106]	[102]	[102]	[97]	[103]	[102]	[99]	7.5					[91]
Harvest method - gross output (yield adjusted for oil content) as % control																							
Swathed (4.6 t/ha)	110	111	105	106	104	104	105	100	102	102	101	103	101	98	98	96	[89]	5.3					91
Desiccated (4.8 t/ha)	109	111	108	107	108	105	101	104	102	103	102	101	101	101	98	99	96	5.4					90

* = variety no longer in trial in region

[] = limited data

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

= PR45D03 and DK-Secure 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

~ = V141OL is a high oleic, low linolenic (HOLL) variety

Key to Breeder and UK contact codes

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

DLF = DLF Trifolium (www.dlf.co.uk)

DSV = DSV UK (www.dsv-uk.co.uk)

Eur = Euralis

GSd = Grainseed (www.grainseed.co.uk)

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

Nick = Nickerson (www.nickersonseeds.co.uk)

Mom = Momont

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

NPZ = NPZ Lembke

Pick = Mike Pickford

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

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

SSG = Syngenta Seeds

SW = Svalöf Weibull AB

® = "HGCA RECOMMENDED LIST" is a registered trademark of ADHB