

HGCA Recommended List[®]

Winter oilseed rape 2009/10 East and West region

YIELD, AGRONOMY AND DISEASE RESISTANCE

	RECOMMENDED		P1	P1	P1	P2	P1	C					C	C*	P1	P1		Average LSD (5%)
	PR46W21	Dimension	Vision	Flash	Hammer	Castille	Excalibur	Lioness	Expert	Excel	Es-Astrid	NKBravour	Toccata	PR45D03 #	DK-Secure #	Mendel \$		
Variety type	RH	RH	Conv	RH	RH	Conv	RH	Conv	Conv	RH	Conv	Conv	RH	RH	RH	RH		
Scope of recommendation	E&W	E&W	E&W	UK	E&W	E&W	UK	UK	E&W	E&W	E&W	UK	UK	Sp	Sp	Sp		
Gross output (yield adjusted for oil content) as % control																		
Fungicide treated (4.7 t/ha)	111	108	106	105	105	103	102	102	102	101	101	101	101	99	98	94		4.7
Untreated as % of treated	-	-	-	[87]	-	84	85	87	82	83	83	85	81	[82]	[90]	[77]		12.7
Seed yield as % control																		
Fungicide treated (4.4 t/ha)	107	104	106	105	102	104	103	99	102	102	103	99	101	99	99	94		4.3
Untreated as % of treated	-	-	-	[87]	-	86	86	85	84	84	86	84	83	[83]	[91]	[78]		12.0
Agronomic features																		
Resistance to lodging	8	8	8	7	8	8	7	8	8	6	8	8	7	9	9	8		0.5
Stem stiffness	9	8	7	7	8	7	7	8	8	6	8	8	7	9	9	8		0.6
Shortness of stem	6	6	7	6	6	8	7	7	6	6	8	7	5	9	8	6		0.2
Earliness of flowering	7	7	6	6	7	8	8	7	5	6	5	7	7	6	4	6		0.4
Earliness of maturity	5	5	5	4	5	6	6	5	4	5	6	5	5	5	6	6		0.4
Seed quality (at 9% moisture)																		
Oil content of seed, fungicide treated (%)	45.8	45.6	43.9	43.9	45.5	43.0	43.4	45.8	43.3	42.9	42.2	44.7	43.5	43.3	42.8	43.1		0.4
Glucosinolate (µmoles/g of seed)	11.8	11.3	12.7	12.7	11.1	15.6	20.1	9.4	13.3	19.1	14.6	9.9	19.5	10.8	12.8	13.3		1.5
Disease resistance																		
Light leaf spot	5	6	6	6	6	5	6	6	6	6	6	6	5	6	6	5		0.6
Stem canker	4	5	6	5	7	6	5	5	6	9	7	5	4	5	5	5		0.7
Year first listed	09	09	09	08	09	05	06	05	04	07	05	05	03	09	09	02		

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

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

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

= PR45D03 and DK-Secure are semi-dwarf varieties that carry the Bzh dwarfing gene in the heterozygous state

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

Varieties no longer Listed for the East & West region: Barrel, Disco, Es-Betty, Fortis, NK-Grace, Winner

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

Sp = specific recommendation

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

E&W = recommended for the East and West region

HGCA Recommended List[®]

Winter oilseed rape 2009/10 East and West region

SUPPLEMENTARY DATA

	P1	P1	P1	P2	P1	C							C	C*	P1	P1	
	PR46W21	Dimension	Vision	Flash	Hammer	Castille	Excalibur	Lioness	Expert	Excel	Es-Astrid	NKBravour	Toccata	PR45D03	DK-Secure	Mendel	Average LSD (5%)
Variety type	RH	RH	Conv	RH	RH	Conv	RH	Conv	Conv	RH	Conv	Conv	RH	RH	RH	RH	
Scope of recommendation	E&W	E&W	E&W	UK	E&W	UK	UK	UK	E&W	E&W	UK	UK	UK	Sp	Sp	Sp	
Breeder/ UK contact																	
Breeder	Pion	DSV	SW	DSV	DSV	DK	DK	DSV	Mom	DK	Eur	SSG	SSG	Pion	DK	NPZ	
UK contact	Pion	DSV	Sen	DSV	DSV	DK	DK	DSV	Nick	DK	GSd	NK	NK	Pion	DK	KWS	
Annual treated gross output (yield adjusted for oil content) as % control																	
2005 (4.8 t/ha)	-	-	-	108	-	100	101	99	101	106	100	101	100	98	-	-	5.0
2006 (4.5 t/ha)	[111]	[111]	[104]	102	[110]	103	100	100	99	95	97	101	102	101	[98]	-	7.6
2007 (4.6 t/ha)	112	108	107	106	106	106	104	100	103	106	105	99	100	99	97	[91]	5.3
2008 (4.7 t/ha)	112	108	109	106	103	104	103	108	103	100	101	102	101	98	101	[97]	6.3
Annual untreated gross output (yield adjusted for oil content) as % control																	
2005 (3.9 t/ha)	-	-	-	-	-	[102]	[110]	[108]	[101]	-	[107]	[100]	[102]	-	-	-	9.9
2006 (3.9 t/ha)	-	-	-	-	-	[104]	[100]	[98]	[97]	[96]	[95]	[103]	[98]	-	-	-	10.1
2007 (3.5 t/ha)	-	-	-	[105]	-	[107]	[101]	[89]	[103]	[117]	[107]	[98]	[104]	[94]	-	[92]	12.3
2008 (3.9 t/ha)	[118]	[118]	[113]	[110]	[122]	[97]	[101]	[127]	[102]	[91]	[97]	[114]	[92]	[109]	[112]	[98]	15.5
Harvest method - gross output (yield adjusted for oil content) as % control																	
Swathed (4.6 t/ha)	111	109	104	103	107	102	100	100	101	99	101	101	100	97	95	[87]	5.2
Desiccated (4.8 t/ha)	110	106	107	106	102	104	104	103	102	103	101	100	102	99	99	[96]	4.7

[] = limited data

Key to Breeder and UK contact codes

DK = DEKALB (www.dekalb.co.uk)
 DSV = Deutsche Saatveredelung (www.dsv-uk.co.uk)
 Eur = Euralis, France
 GSd = Grainseed (www.grainseed.co.uk)

KWS = KWS UK (www.kws-uk.com)
 Mom = Momont, France
 Nick = Nickerson (www.nickersonseeds.co.uk)
 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
 SW = Svalöf Weibull AB, Sweden

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