



HGCA RECOMMENDED LIST® WINTER OILSEED RAPE 2006/07

YIELD, AGRONOMY AND DISEASE RESISTANCE

	P2	P1	P1	P1	P1	P2		P2	P2	P2	C		*	C	*	C	*	C*		*	*	Average LSD 5%
	Lioness	Es Betty	Excalibur	Barrel	NK Grace	NKBravour	Toccata	Castille	Es Astrid	NKVictory	Winner	Expert	Royal	Fortis	Elan	Disco	Canberra	Recital	Mendel \$	Courage	Escort	
Variety type	Conv	RH	RH	Conv	Conv	Conv	RH	Conv	Conv	Conv	Conv	Conv	RH	Conv	RH	RH	Conv	Conv	RH	Conv	Conv	
Scope of Recommendation	UK	UK	UK	UK	UK	UK	UK	UK	UK	UK	UK	South	UK	UK	North	UK	UK	UK	Specific	UK	UK	
Gross output (yield adjusted for oil content) as % control																						
UK fungicide treated (4.8 t/ha)	107	106	106	106	106	106	104	104	103	103	103	102	101	101	101	99	98	98	97	96	95	4.1
North region fungicide treated (4.9 t/ha)	111	111	109	107	110	110	106	103	102	108	102	98	103	104	104	98	101	97	97	96	96	6.7
South region fungicide treated (4.7 t/ha)	104	104	104	105	104	104	103	104	103	100	103	104	101	99	98	100	97	98	97	96	94	4.0
Untreated gross output as % treated control in comparable trials																						
UK without fungicide	91	-	-	-	-	87	84	83	83	86	84	80	81	81	86	80	82	75	76	83	81	6.5
Seed yield as % control																						
UK fungicide treated trials (4.5 t/ha)	103	107	106	102	105	104	104	104	105	103	103	103	103	101	99	99	97	98	97	96	96	3.9
UK without fungicide (3.9 t/ha)	110	-	-	-	-	107	105	105	106	107	104	101	103	102	106	100	102	94	94	102	103	8.4
Agronomic features																						
Resistance to lodging	8	8	7	7	8	8	7	8	8	8	7	8	7	7	8	8	8	7	8	7	6	0.6
Stem stiffness	8	7	7	6	8	7	7	7	8	7	6	8	7	7	8	7	7	6	8	7	5	0.7
Shortness of stem	7	6	7	6	7	7	5	8	8	7	6	6	7	6	6	8	7	6	7	7	7	0.3
Earliness of flowering	7	7	8	7	7	7	7	8	5	6	8	5	7	6	8	8	7	7	6	6	6	0.4
Earliness of maturity	5	6	7	5	5	5	5	6	6	6	6	4	6	7	6	5	6	6	6	6	6	0.4
Seed quality (at 9% moisture)																						
Oil content of seed, fungicide treated (%)	46.1	43.3	43.3	46.0	44.6	44.9	43.6	43.2	42.5	43.7	43.6	43.1	42.3	43.2	44.9	44.2	44.3	43.6	43.7	43.8	42.9	0.3
Glucosinolate (micromoles/g of seed)	7.8	13.6	16.7	10.5	11.2	8.7	16.6	12.8	13.0	9.0	10.0	11.2	17.3	10.7	10.7	9.9	11.2	12.6	10.7	11.7	13.8	1.1
Disease resistance																						
Light leaf spot	6	6	7	7	7	6	6	5	6	7	6	6	5	6	8	6	7	5	6	6	7	1.0
Stem canker	5	4	6	5	5	5	5	7	8	5	5	6	4	5	4	5	7	6	5	4	5	1.1
Year first listed	05	06	06	06	06	05	03	05	05	05	02	04	01	00	02	01	01	01	02	02	99	

RH = restored hybrid

Conv = Conventional open-pollinated variety

P1, P2 = first and second year of recommendation

C = yield control

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

* = Variety no longer in trials

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

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

Symphony has been approved for recommendation but will not be added to the HGCA Recommended List until it is cleared for marketing in the UK

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Varieties no longer Listed:

Verona, Tequila



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SUPPLEMENTARY DATA

	P2	P1	P1	P1	P1	P2		P2	P2	P2	C	*	C	*	C	*	C*	*	*	Average LSD 5%		
	Lioness	Es Betty	Excalibur	Barrel	NK Grace	NKBravour	Tocatta	Castille	Es Astrid	NKVictory	Winner	Expert	Royal	Fortis	Elan	Disco	Canberra	Recital	Mendel	Courage	Escort	
Variety type	Conv	RH	RH	Conv	Conv	Conv	RH	Conv	Conv	Conv	Conv	Conv	RH	Conv	RH	RH	Conv	Conv	RH	Conv	Conv	
UK fungicide treated	107	106	106	106	106	106	104	104	103	103	103	102	101	101	101	99	98	98	97	96	95	4.1
Breeder	DSV	Eur	Mon	DSV	SSG	SSG	SSG	Mon	Eur	SSG	Raps	Mom	SSG	SSG	NPZ	Raps	Mon	SSG	NPZ	Adv	Lim	
Agent	Inno	GSd	Mon	Inno	NK	NK	NK	Mon	GSd	NK	SU	Adv	NK	NK	CPB	SU	Mon	NK	CPB	Adv	Nick	
Annual treated gross output (yield adjusted for oil content) as % control																						
2002 (5.1 t/ha)	105	-	-	-	-	104	104	103	101	105	102	99	103	99	102	100	98	100	100	99	95	4.7
2003 (5.3 t/ha)	107	101	102	108	101	109	99	103	102	104	103	99	98	100	95	99	93	97	95	93	94	5.2
2004 (4.4 t/ha)	109	113	112	106	109	106	106	106	106	100	103	104	101	102	99	96	102	99	94	95	96	6.6
2005 (4.4 t/ha)	106	108	106	105	109	106	107	103	104	103	101	105	103	102	(115)	102	100	95	(100)	-	-	5.0
Annual Untreated gross output (yield adjusted for oil content) as % control																						
2002 (4.3 t/ha)	-	-	-	-	-	-	107	-	-	-	103	-	102	101	111	100	101	96	99	100	100	7.0
2003 (4.7 t/ha)	-	-	-	-	-	-	(96)	-	-	-	(107)	(99)	(96)	(96)	(97)	(101)	(96)	(96)	(90)	(96)	(94)	9.3
2004 (3.7 t/ha)	(112)	-	-	-	-	(111)	(106)	(105)	(100)	(107)	(106)	(96)	(97)	(102)	(103)	(96)	(107)	(96)	(88)	(106)	(100)	12.2
2005 (3.5 t/ha)	121	114	117	110	121	112	110	107	110	111	104	105	107	105	(123)	103	107	88	(100)	(121)	(123)	11.7

Key to Breeder and Agent codes

Adv = Advanta Seeds UK Ltd (www.advantaseeds.co.uk)

CPB = CPB Twyford Ltd (www.cpb-twyford.co.uk)

DSV = DSV, Germany

Eur = Euralis, France

GSd = Grainseed Ltd (info@grainseed.co.uk)

Inno = Innoseeds Ltd (www.innoseeds.co.uk)

Lim = Force Limagrain, France

Mom = Momont, France

Mon = Monsanto UK Ltd (www.monsanto-ag.co.uk)

Nick = Nickerson (UK) Ltd (www.nickersonuk.com)

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

NPZ = NPZ Lembke, Germany

Raps = Raps, Germany

SSG = Syngenta Seeds GmbH, Germany

SU = Saaten Union (www.saaten-union.co.uk)

Semi-dwarf winter oilseed rape

A semi-dwarf variety, PR 45DO1, was grown in a subset of RL trials in 2005. It is about 40cm shorter than the shortest conventional variety and would be 10 for shortness of stem on the RL scale. It very stiff and has very good resistance to lodging. It branches very close to the ground so is less suited to swathing than other variety types. In

trials gross output has been 99% of control but the majority of trials are swathed and it appears to have performed better in the relatively few direct cut trials. For further details see the list of [Winter oilseed rape non-Recommended varieties 2006](#) on the HGCA website.

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