

# HGCA Recommended List® Winter Oilseed Rape 2007/08

## YIELD, AGRONOMY AND DISEASE RESISTANCE

	RECOMMENDED		P2	P1	C	P1	P2	P2	C	P2	P1	C	C*	*	*	*	*	Average LSD 5%					
	Lioness	NKBravour	Excalibur	Hornet	Castille	Excel	Toccata	NK-Grace	Expert	Es-Astrid	Barrel	Winner	Es-Betty	NKVictory	Tuscan	Fortis	Disco	Royal	Elan	Recital	Canberra	Mendel \$	Average LSD 5%
Variety type	Conv	Conv	RH	RH	Conv	RH	RH	Conv	Conv	Conv	Conv	Conv	RH	Conv	RH	Conv	RH	RH	RH	Conv	Conv	RH	
Scope of recommendation	UK	UK	UK	North	UK	South	UK	UK	South	UK	UK	UK	UK	North	North	UK	UK	UK	North	UK	UK	Sp	
<b>Gross output (yield adjusted for oil content) as % control</b>																							
UK fungicide treated (4.7 t/ha)	104	104	103	103	103	102	102	102	102	101	101	101	100	100	99	98	98	98	98	96	96	95	5.1
North region fungicide treated (4.8 t/ha)	109	108	107	108	101	102	105	108	99	99	103	99	106	107	105	102	98	101	101	92	98	93	6.3
South region fungicide treated (4.7 t/ha)	103	103	102	102	103	102	101	100	102	102	101	101	99	98	98	98	98	97	97	96	95	95	5.6
<b>Untreated gross output as % treated control in comparable trials</b>																							
UK without fungicide	92	89	91	-	86	-	86	94	82	84	85	87	85	88	-	84	84	83	87	76	84	75	6.2
<b>Seed yield as % control</b>																							
UK fungicide treated trials (4.5 t/ha)	100	102	103	102	103	103	102	100	102	103	98	101	101	100	98	99	97	100	96	95	94	95	4.8
UK without fungicide (3.9 t/ha)	105	102	108	-	102	-	101	108	98	101	97	101	101	103	-	99	98	99	101	90	98	89	7.3
<b>Agronomic features</b>																							
Resistance to lodging	8	8	7	7	8	6	7	8	8	8	7	7	7	8	8	7	7	7	8	7	7	8	0.8
Stem stiffness	8	7	7	6	7	6	7	8	8	8	7	6	7	7	8	7	7	7	8	7	7	8	0.8
Shortness of stem	7	7	7	6	8	6	5	7	6	8	6	7	6	7	6	7	6	6	6	7	8	6	0.4
Earliness of flowering	7	7	8	6	8	6	7	7	5	5	7	8	7	6	6	6	7	7	8	7	7	6	0.6
Earliness of maturity	5	5	6	5	6	5	5	5	4	6	5	6	5	6	5	7	5	6	6	6	6	6	0.4
<b>Seed quality (at 9% moisture)</b>																							
Oil content of seed, fungicide treated (%)	45.9	44.8	43.1	43.8	43.0	43.0	43.4	44.4	43.1	42.3	45.5	43.5	42.9	43.5	44.2	42.9	43.9	42.1	44.8	43.4	44.0	43.4	0.4
Glucosinolate (µmoles/g of seed)	9.0	9.3	17.2	13.6	13.4	18.0	17.4	12.1	11.7	13.9	11.3	10.8	16.5	10.5	9.8	11.8	10.9	18.2	11.4	12.7	11.7	13.7	1.8
<b>Disease resistance</b>																							
Light leaf spot	6	6	6	6	5	6	6	7	6	6	7	6	6	6	7	5	6	5	8	5	7	6	0.8
Stem canker	5	5	5	5	6	9	5	5	6	8	5	4	4	5	5	5	5	5	4	6	6	5	0.6
Year first listed	05	05	06	07	05	07	03	06	04	05	06	02	06	05	07	00	01	01	02	01	01	02	

P1, P2 = first and second year of recommendation.

C = yield control.

\* = variety no longer in trials.

[ ] = limited data.

Conv = Conventional open-pollinated variety.

RH = restored hybrid.

UK = recommended for the UK.

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

North = recommended for the North Region.

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

South = Recommended for the South Region.

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

Sp = specific recommendation.

**Varieties no longer Listed: Escort and Courage.**

® = "HGCA RECOMMENDED LIST" is a registered trademark of the Home-Grown Cereals Authority.

# HGCA Recommended List<sup>®</sup> Winter Oilseed Rape 2007/08

## SUPPLEMENTARY DATA

	<span style="background-color: red; color: white; padding: 2px;">RECOMMENDED</span> <span style="background-color: red; color: white; padding: 2px;">P2</span> <span style="background-color: red; color: white; padding: 2px;">P1</span> <span style="background-color: red; color: white; padding: 2px;">C</span> <span style="background-color: red; color: white; padding: 2px;">P1</span> <span style="background-color: red; color: white; padding: 2px;">P2</span> <span style="background-color: red; color: white; padding: 2px;">P2</span> <span style="background-color: red; color: white; padding: 2px;">C</span> <span style="background-color: red; color: white; padding: 2px;">P2</span> <span style="background-color: red; color: white; padding: 2px;">P1</span> <span style="background-color: red; color: white; padding: 2px;">C</span> <span style="background-color: red; color: white; padding: 2px;">C*</span> <span style="background-color: red; color: white; padding: 2px;">*</span> <span style="background-color: red; color: white; padding: 2px;">*</span> <span style="background-color: red; color: white; padding: 2px;">*</span> <span style="background-color: red; color: white; padding: 2px;">*</span>																							Average LSD
	Lioness	NKBravour	Excalibur	Hornet	Castille	Excel	Toccata	NK-Grace	Expert	Es-Astrid	Barrel	Winner	Es-Betty	NKVictory	Tuscan	Fortis	Disco	Royal	Elan	Recital	Canberra	Mendel \$	Average LSD	
Variety type	Conv	Conv	RH	RH	Conv	RH	RH	Conv	Conv	Conv	Conv	Conv	RH	Conv	RH	Conv	RH	RH	RH	Conv	Conv	RH		
UK fungicide treated (4.7 t/ha)	104	104	103	103	103	102	102	102	102	101	101	101	100	100	99	98	98	98	98	96	96	95	5.1	
<b>Breeder/ UK contact</b>																								
Breeder	DSV	SSG	Mon	DSV	Mon	Mon	SSG	SSG	Mom	Eur	DSV	Raps	Eur	SSG	NPZ	SSG	Raps	SSG	NPZ	SSG	Mon	NPZ		
UK contact	DLF	NK	Mon	DLF	Mon	Mon	NK	NK	Nick	GSd	DLF	SU	GSd	NK	CPB	NK	SU	NK	CPB	NK	Mon	CPB		
<b>Annual treated gross output (yield adjusted for oil content) as % control</b>																								
2003 (5.4 t/ha)	106	108	100	-	102	-	97	99	98	100	106	102	100	103	-	99	98	96	93	95	91	93	4.6	
2004 (4.5 t/ha)	107	104	111	106	104	106	104	107	103	104	104	101	111	98	104	100	95	99	98	98	101	92	5.9	
2005 (4.5 t/ha)	103	104	104	109	101	104	105	107	103	102	102	100	105	101	100	99	100	102	113	94	98	99	5.3	
2006 (4.5 t/ha)	104	105	104	101	103	98	103	101	102	98	95	98	94	105	100	99	100	-	-	-	-	86	6.2	
<b>Annual untreated gross output (yield adjusted for oil content) as % control</b>																								
2003 (4.2 t/ha)	-	-	-	-	-	-	[101]	-	[97]	-	-	[103]	-	-	-	[98]	[99]	[97]	[102]	[90]	[98]	[89]		
2004 (3.8 t/ha)	[109]	[106]	-	-	[101]	-	[101]	-	[96]	[99]	-	[102]	-	[103]	-	[98]	[98]	[97]	[102]	[90]	[99]	[88]	11.5	
2005 (3.7 t/ha)	115	107	112	-	102	-	105	115	100	105	105	99	109	106	-	100	98	102	118	84	102	96	9.9	
2006 (4.0 t/ha)	104	102	104	100	100	97	100	107	95	94	96	101	92	101	104	98	101	99	104	84	90	85	12.1	

[ ] = limited data.

### Key to Breeder and UK contact codes

CPB = CPB Twyford Ltd ([www.cpb-twyford.co.uk](http://www.cpb-twyford.co.uk)).

DLF = DLF Trifolium ([www.dlf.co.uk](http://www.dlf.co.uk)).

DSV = DSV, Germany.

Eur = Euralis, France.

GSd = Grainseed Ltd ([info@grainseed.co.uk](mailto:info@grainseed.co.uk)).

Mom = Momont, France.

Mon = Monsanto UK Ltd ([www.monsanto-ag.co.uk](http://www.monsanto-ag.co.uk)).

Nick = Nickerson-Advanta ([www.nickersonuk.com](http://www.nickersonuk.com)).

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

NPZ = NPZ Lembke, Germany

Raps= Raps, Germany

SSG = syngenta Seeds GmbH, Germany

SU = Saaten Union UK Ltd ([www.saaten-union.co.uk](http://www.saaten-union.co.uk))