



HGCA

**DESCRIPTIVE LIST**

**SPRING OILSEED RAPE 2003**

	P2	C	P1	C	P1	P2	P1	C	P1	P1	*	C*				
	Heros	Senator	Sw Tambora	Haydn	Mozart	Orca	Dorothy	Liaison	Sw Landmark	Estrade	Maskot	Ural	Topic	Sprinter	Concept	Average LSD 5%
Variety type	Conventional varieties														VA #	
Gross output (yield adjusted for oil content) as % control																
UK without fungicide (2.67 t/ha)	105	104	104	103	102	102	101	101	101	100	98	98	96	92	96	5.0
Seed yield as % control																
UK without fungicide (2.51 t/ha)	104	103	105	101	100	100	100	100	101	100	98	99	96	93	98	4.6
Seed quality (at 9% moisture)																
Oil content of seed (%)	42.8	41.9	40.8	42.9	42.9	42.7	41.9	42.0	41.2	41.5	41.4	40.5	41.7	40.8	40.1	0.7
Glucosinolate content of seed (micromoles/g)	13.4	13.5	13.3	12.4	13.8	14.2	13.7	13.1	14.8	12.5	15.5	13.8	12.4	14.0	13.0	
Agronomic features																
Standing ability	7	7	7	8	8	7	8	7	8	7	7	6	7	8	5	
Shortness of stem	5	6	6	6	6	7	8	5	8	7	6	5	7	7	6	
Earliness of flowering	6	6	6	4	5	6	6	5	6	6	6	7	5	6	7	
Earliness of maturity	5	5	7	6	6	6	6	5	7	7	6	7	8	7	8	
Year first listed	02	00	03	01	01	03	02	97	03	00	96	03	03	96	98	
Annual yields																
1998 (2.64 t/ha)	*	103	*	98	95	*	*	100	*	102	100	*	*	102	99	
1999 (2.72 t/ha)	100	107	*	98	98	*	100	98	*	97	97	*	*	96	98	
2000 (2.27 t/ha)	104	104	105	100	101	100	99	101	103	102	99	103	97	90	98	
2001 (2.94 t/ha)	103	102	104	105	103	98	(97)	104	98	98	98	96	96	87	95	
2002 (2.10 t/ha)	109	100	107	101	104	103	101	99	103	102	99	98	94	85	100	
Breeder/ Agent																
Breeder	Raps	Sval	Sval	Dan	Dan	Dan	Glp	DSV	Sval	Sval	Sval	CPB	CPB	Sval	Mon	
Agent	SU	Semu	Semu	CPB	CPB	CPB	Turn	DLF	Semu	Semu	Dalg	CPB	CPB	Dalg	Mon	

P1, P2 first and second year on list

\* Variety no longer in trials

On the 1-9 scales high figures indicate that a variety shows the character to a high degree

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

# VA = Varietal association

C = Yield control

Hybrids are sown in trials at 120 seeds/sqm, conventional varieties at 150 seeds/sqm

**Key to Breeder and Agent codes**

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

Dal = Dalgety Arable ([www.dalgety.co.uk](http://www.dalgety.co.uk))

Dan = Danisco Seed UK Ltd. ([www.daniscoseed.com](http://www.daniscoseed.com))

DLF = DLF Perryfields

DSV = DSV, Germany

Glp = University of Gulph, Canada

Mon = Monsanto, PBIC Seeds ([www.monsanto-ag.co.uk](http://www.monsanto-ag.co.uk))

Raps = Raps, Germany

Semu = Semundo Ltd ([www.semundo.co.uk](http://www.semundo.co.uk))

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

Sval = Svalöf Weibull AB, Sweden

Turn = John Turner Seed Developments