

HGCA Recommended List®

Winter oilseed rape 2014/15 - East/West Region

YIELD, QUALITY, AGRONOMY AND DISEASE RESISTANCE

Other varieties

	NEW			NEW			NEW			C			C			*			*			*			C*			*			
	Incentive	Charger	Trinity	PT211	Harper	PR46W21	Marathon	Avatar	Quartz	DK Cabernet	Sesame	Rivalda	Rhino	Compass	Troy #	DK Camelot	DK Expower	Fashion	PR45D05 #	Vision	Cash	Cracker \$	Average LSD (5%)		DK Imagine CL #&						
Variety type	RH	Conv	Conv	RH	RH	RH	RH	RH	Conv	Conv	Conv	Conv	RH	RH	RH	Conv	RH	Conv	RH	Conv	Conv	RH			RH						
Scope of recommendation	UK	EW	EW	UK	EW	EW	EW	EW	EW	EW	EW	EW	EW	UK	Sp	EW	UK	EW	Sp	EW	EW	Sp			Described						
Gross output (yield adjusted for oil content) as % control (5.4 t/ha)																															
Fungicide treated	105	105	104	103	103	103	103	102	101	101	101	100	100	100	100	100	99	99	98	98	95	94	4.3		95						
Seed yield as % control (5.0 t/ha)																															
Fungicide treated	103	106	103	102	103	101	104	101	100	101	101	101	100	98	100	98	99	99	98	99	95	94	3.9		96						
Agronomic features																															
Resistance to lodging	8	8	8	8	8	8	8	8	8	8	8	8	8	8	7	7	8	8	8	8	8	8	0.3		8						
Stem stiffness	8	9	8	8	8	8	8	8	7	9	8	7	8	9	9	7	6	8	9	8	8	8	0.6		9						
Shortness of stem	6	7	7	6	6	6	7	6	7	7	6	7	7	6	8	8	6	6	9	7	7	6	0.3		9						
Earliness of flowering	7	8	6	6	7	7	8	8	5	5	6	7	7	6	6	7	7	6	6	6	7	7	0.4		4						
Earliness of maturity	5	5	5	5	6	5	5	6	5	5	4	4	6	5	5	6	6	5	5	5	6	5	0.5		6						
Seed quality (at 9% moisture)																															
Oil content, fungicide treated (%)	45.8	44.0	45.5	45.5	45.1	46.0	44.0	45.5	45.2	44.9	44.1	44.4	44.9	46.0	44.5	45.6	44.7	44.6	44.1	43.9	45.2	44.4	0.3		44.0						
Glucosinolate (µmoles/g of seed)	10.1	10.3	10.0	10.6	10.0	12.6	10.9	10.1	10.4	10.1	12.8	12.2	10.0	9.7	12.0	10.5	11.8	11.9	10.1	13.8	13.1	10.4			10.6						
Disease resistance																															
Light leaf spot	6	4	5	6	5	5	5	5	5	6	6	5	6	6	5	6	5	6	5	5	5	8	1.2		6						
Stem canker	[4]	[4]	[6]	[5]	[9]	[4]	[3]	[4]	[8]	6	[4]	5	[4]	[4]	[4]	6	8	[5]	4	5	[7]	[4]	1.3		[5]						
Status in RL system																															
Year first listed	14	14	14	13	14	09	13	13	13	10	11	13	11	11	13	12	12	10	11	09	11	12			-						
RL status	P1	P1	P1	P2	P1	-	P2	P2	P2	-	*	P2	*	*	P2	-	-	*	*	*	*	-			-						

Varieties no longer listed in the East/West region: Excalibur, Dimension, Flash, Thorin

On the 1-9 scales, high figures indicate that a variety shows the character to a high degree (eg high resistance).

There is a target plant population of 40 plants per square metre for RL trials.

Maximum seed rates are 70 seeds/sqm for hybrids and 100 seeds/sqm for conventional varieties and may be below these levels if conditions permit.

Glucosinolate contents are taken from the National List trials data.

C = yield control (Excalibur was a control but is no longer listed)

[] = limited data

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

* = variety no longer in trial in region

Conv = conventional open-pollinated variety

EW = recommended for the East/West region

P1, P2 = first and second year of recommendation

RH = restored hybrid

Sp = specific recommendation

\$ = Cracker is recommended for growing on land infected with common strains of clubroot. It may, however, be infected by some strains and infections have been reported in some fields

= 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

& = DK Imagine is an example of a Clearfield® variety, with tolerance to specific imidazolinone herbicides

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

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