

HGCA Recommended List[®] winter oilseed rape 2013/14

North region

YIELD, QUALITY, AGRONOMY AND DISEASE RESISTANCE

	New		New		New		New		New		New		New		C*		*		C*		*		Average LSD (5%)
	Anastasia	Troy #	Compass	PT208	Boheme	Raptor	Pendulum	Shot	PT211	DK Expower	Fashion	Catana	Excalibur	Artoga	Cuillin	Temple	Flash	Cracker \$	PR45D05 #				
Variety type	Conv	RH	RH	RH	Conv	RH	Conv	RH	RH	RH	Conv	Conv	RH	RH	RH	Conv	RH	RH	RH	RH	RH	RH	
Scope of recommendation	North	Sp	UK	North	North	North	North	North	UK	UK	UK	North	UK	North	North	North	UK	Sp	Sp				
Gross output (yield adjusted for oil content) as % control																							
Fungicide treated (5.2 t/ha)	[106]	[105]	105	[105]	104	104	104	[104]	[104]	103	102	102	101	101	101	101	100	99	99				6.2
Seed yield as % control																							
Fungicide treated (4.9 t/ha)	[106]	[105]	103	[103]	102	100	102	[101]	[102]	103	101	100	101	101	99	99	99	99	99				5.9
Agronomic features																							
Resistance to lodging	8	8	8	8	[7]	[8]	[8]	8	8	7	8	[8]	7	[7]	[8]	[8]	8	8	8				0.3
Stem stiffness	8	9	8	7	7	8	7	8	8	6	8	8	7	7	[8]	8	7	8	9				0.5
Shortness of stem	7	8	6	6	6	6	7	6	6	7	6	6	7	6	6	7	6	6	9				0.3
Earliness of flowering	6	6	6	6	7	6	6	6	6	7	7	6	8	6	8	6	6	7	6				0.4
Earliness of maturity	5	5	5	6	6	5	5	6	5	6	5	5	7	6	5	6	4	5	5				0.5
Seed quality (at 9% moisture)																							
Oil content, fungicide treated (%)	44.1	44.3	45.7	45.4	45.3	46.5	45.1	46.1	45.0	44.2	44.5	45.4	43.8	43.8	44.9	45.2	44.1	44.2	43.7				0.53
Glucosinolate (µmoles/g of seed)	11.1	12.0	9.7	10.1	11.2	9.2	11.1	8.6	10.6	11.8	11.9	14.3	17.4	11.6	11.4	15.5	13.0	10.4	10.1				-
Disease resistance																							
Light leaf spot	6.0	5.6	6.3	5.5	6.7	5.7	6.1	6.0	6.0	5.9	5.7	7.4	6.3	6.8	8.7	6.7	5.3	8.0	6.1				0.9
Stem canker	[5]	[4]	4.2	[6]	[5]	[6]	[4]	[5]	[5]	[8]	4.4	3.5	4.1	4.8	4.0	5.2	4.4	3.5	4.4				1.5
Status in RL system																							
Year first listed	13	13	11	13	13	13	13	13	13	13	11	08	06	12	09	08	08	11	11				
RL Status	P1	P1	-	P1	P1	P1	P1	P1	P1	P1	-	-	-	P2	-	-	-	-	-				

Other variety

DK Imagine CL #&
RH
CLEAR
[100]
[101]
8.2
9
9
4
6
43.1
10.6
5.8
[5]
-
-

Varieties no longer listed for the North region: Lioness, Mendel and Palace.

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 National List trials data.

C = yield control (DK Cabernet and Vision were also yield controls, but are not recommended for the North region)

* = variety no longer in trial in region

[] = limited data

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

P1, P2 = first & second year of recommendation

Conv = conventional open-pollinated variety

Sp = specific recommendation

RH = restored hybrid

North = recommended for the North region

\$ = 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.

= Troy, DK Imagine CL and PR45D05 are 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 CL is 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.

® = "HGCA RECOMMENDED LIST" is a registered trademark of the Agriculture and Horticulture Development Board

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SUPPLEMENTARY DATA

	New		New		New		New		New		New		New		C*		*		C*		*	
	Anastasia	Troy #	Compass	PT208	Boheme	Raptor	Pendulum	Shot	PT211	DK Expower	Fashion	Catana	Excalibur	Artoga	Cuillin	Temple	Flash	Cracker \$	PR45D05 #			
Variety type	Conv	RH	RH	RH	Conv	RH	Conv	RH	RH	RH	Conv	Conv	RH	RH	RH	Conv	RH	RH	RH			
Scope of recommendation	North	UK	UK	North	North	North	North	North	UK	UK	UK	North	UK	North	North	North	UK	Sp	Sp			
Breeder/ UK contact																						
Breeder	Lim	LSPB	DSV	DP	SCP	DSV	Lim	DSV	DP	DK	LSW	DK	DK	Lim	KWS	Els	DSV	LSPB	DP			
UK contact	Lim	DSV	DSV	DP	SS	DSV	Lim	DSV	DP	DK	Sen	DK	DK	Lim	KWS	Els	DSV	LSPB	DP			
Annual treated gross output (yield adjusted for oil content) as % control																						
2009 (5.1 t/ha)	-	-	[105]	-	[107]	[111]	[110]	-	-	[113]	[99]	[97]	[102]	-	[97]	[92]	[106]	-	[88]	14.5		
2010 (5.7 t/ha)	[105]	[105]	[109]	[100]	[103]	[98]	[100]	[102]	[107]	[94]	[102]	[102]	97	[105]	[104]	[102]	99	[98]	[100]	9.2		
2011 (5.6 t/ha)	[107]	[108]	[103]	[106]	[103]	[104]	[102]	[105]	[104]	[111]	[101]	[103]	106	[100]	[103]	[100]	95	[104]	[102]	8.4		
2012 (4.3 t/ha)	[108]	[104]	[101]	[108]	[105]	[107]	[107]	[104]	[103]	[98]	[102]	[102]	[100]	[98]	[93]	[105]	[101]	[96]	[101]	9.9		
Agromony																						
Plant height (cm)	150	139	163	161	157	162	155	163	160	156	156	156	154	163	160	152	163	161	126	3.4		
Harvest method - gross output (yield adjusted for oil content) as % contro																						
Swathed (5.3 t/ha)	[108]	[103]	[101]	[101]	[102]	[101]	[102]	[96]	[96]	[107]	[99]	[101]	104	[102]	[101]	[97]	102	[98]	[99]	13.1		
Desiccated (5.2 t/ha)	107	106	106	106	105	106	105	106	105	102	103	103	101	99	101	102	98	101	100	5.9		

Other variety

DK Imagine CL#&
RH
-
DK
DK
-
-
[97]
[104]
[98]
-
131
-
[97]
101

[] = limited data

Key to Breeder and UK contact codes

DK = DEKALB (www.dekalb.co.uk)

DP = DuPont Pioneer (www.pioneer.com/uk)

DSV = DSV United Kingdom (www.dsv-uk.co.uk)

Els = Elsoms Seeds (www.elsoms.com)

KWS = KWS (www.kws-uk.com)

LSW = Lantmännen SW Seed AB, Sweden

Lim = Limagrains UK (www.limagrain.co.uk)

LSPB = LS Plant Breeding (www.lspb.eu)

SCP = Syngenta Crop Protection (www.syngenta.co.uk)

Sen = Senova (www.senova.uk.com)

SS = Syngenta Seeds (www.syngenta.co.uk)

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