



V141OL
HOLL Speciality
Oilseed Rape

For further information on Vistive call the
Technical Helpline 01954 717575 or visit
www.vistive.co.uk

Information on this bulletin is a partial
abstraction and the full HGCA
Recommended List Database can be
consulted at www.hgca.com

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V141OL0109DL



Vistive[®]
a better rapeseed oil, naturally

2009

Key Benefits

- A conventional winter oilseed rape with a valuable High Oleic, Low Linoleic (HOLL) oil profile
- Used to produce healthy low-transfat and stable frying oil offering a new market opportunity
- Improved yield and gross output compared with the earlier variety, Splendor.
- Good agronomics and disease resistance
- Much improved vigour and plant type
- Trialled extensively in the UK and National Listed in 2006

Yield and Quality

- V141OL gross output is only 9% below the average for conventional varieties
- V141OL has a high average oil content of 45%
- A significant premium is available for the oil
- The gross margin for V141OL can be much better than the highest yielding conventional varieties at current premiums

	V141OL	Castille	Winner	Fortis
Gross output (%)	91	103	99	96
Oil content (%)	45	43.4	43.8	43.4

Source: NIAB Classified List 2008
 Mean of controls: Fortis, Toccata, Winner, Castille
 Mean gross output = 4.62t/ha

- Independent trials carried out by NIAB and private trials by Monsanto have shown excellent field performance from V141OL
- V141OL gave a significant yield advantage over the earlier HOLL variety, Splendor.

Harvest Results 2008	
No of Samples	21
Area	555 ha
Average yield*	3.5t/ha
Average Linolenic levels	3.82%
Average Oleic levels	78.4%

Source: Results from Monsanto Vistive programme 2008
 * Grower yield data

1) V141OL showed excellent and consistent field performance in 2008
 2) Monsanto's rapid oil quality analysis service showed that the majority of V141OL samples in 2008 fell within the maximum Linolenic acid levels and secured the HOLL premium

Disease Resistance

- V141OL shows excellent phoma and Stem Canker resistance
- The variety also shows good Light Leaf Spot resistance

	V141OL	Castille	Winner	Fortis
Stem Canker	7	6	4	5
Light Leaf Spot	7	5	6	5

Source: 2 year National List data compared to HGCA Recommended List 2008

Agronomy

- V141OL is medium height with excellent lodging resistance and stem stiffness
- It shows medium flowering and medium to early maturity
- V141OL has good autumn vigour
- Small numbers of oilseed rape volunteers can greatly increase the linolenic acid content and reduce the oil premium
- Fields should be chosen with volunteer control in mind (e.g. rotation and stubble hygiene)

	V141OL	Castille	Winner	Fortis
Earliness of flowering	5	8	8	5
Earliness of maturity	6	6	6	6
Height (cm)	151	143	157	154
Lodging resistance	8	8	8	7
Stem stiffness	6	7	6	5

Source: NIAB Classified List 2008

Drilling Rates

- Aim for an even spring population of 50 - 60 plants per m²
- Target seed rate depends on expected establishment and winter losses
- Seedbed quality, previous cropping and agronomic factors need to be considered with the aid of local knowledge and experience
- Drill by target seed number (seeds per square metre), not seed weight