

DEKALB
INNOVATION
always on



DK Secure

Hybrid Oilseed Rape

2009

For further information on DEKALB call the Technical Helpline on 01954 717575 or visit www.dekalb.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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MONSANTO



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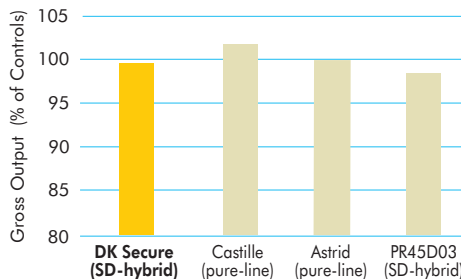
Key Benefits

- The leading low biomass hybrid variety
- Outstanding lodging resistance
- Very short and compact plant type for maximum harvesting efficiency
- Excellent agronomic characteristics improving the ease of all farming operations

Yield and Gross Output

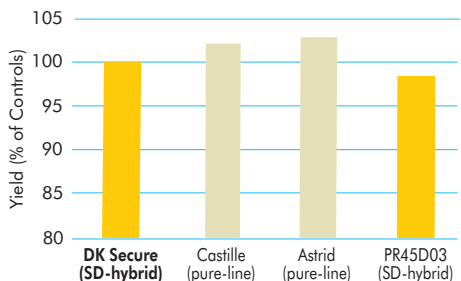
- Consistent yields across the UK
- Average yield similar to control varieties
- Highest gross output of the low biomass hybrid varieties
- Ability to reduce yield losses from lodging and harvesting operations

Gross Output UK



Source: HGCA Recommended List Trials 2008
05 - 08 Gross output as % of controls, Castille, Winner, NK Bravour and Toccata
Control Yield 4.68t/ha

Seed Yield



Source: HGCA recommended list trials 2008
05 - 08 seed yield as % of controls, Castille, Winner, NK Bravour and Toccata
Control yield 4.45t/ha

Disease Resistance

- DK Secure has good Stem Canker resistance
- DK Secure has very good Light Leaf Spot resistance

	DK Secure	PR45D03	Castille	Es-Astrid
Stem Canker	5	5	6	7
Light Leaf Spot	6	6	5	6

Source: HGCA Recommended List Trials 2008

Agronomy

- DK Secure is short with outstanding lodging resistance and stem stiffness
- Prostrate growth habit
- Medium maturity
- Late flowering avoids late frosts
- DK Secure's prostrate growth habit gives earlier ground cover than other varieties

	DK Secure	PR45D03	Castille	Es-Astrid
Earliness of flowering	4	6	8	5
Earliness of maturity	6	5	6	6
Height (cm)	144	129	149	154
Lodging resistance	9	9	8	8
Stem stiffness	9	9	7	8

Source: HGCA Recommended List Trials 2008

Management advice

- Best suited to the main drilling window. Do not drill after the middle of September
- Aim for an even spring population of 35 - 40 plants per m²
- Consider seed rate carefully. If in doubt use a slightly higher rate to achieve ground cover
- Seedbed quality, previous cropping and agronomic factors need to be considered with the aid of local knowledge and experience
- The short plant-type can increase the potential for weed competition. Volunteers may be more visible
- In fertile soils this low biomass plant-type may be more easily managed than more lodging-prone varieties