## HGCA Recommended List®

### Winter Oilseed Rape 2012/13

#### East/West Region

### YIELD, AGRONOMY AND DISEASE RESISTANCE

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</thead>
<tbody>
<tr>
<td>Gross output (yield adjusted for oil content) as % control</td>
<td>103.8</td>
<td>103.5</td>
<td>103.8</td>
<td>103.9</td>
<td>104.2</td>
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<tr>
<td>Seed yield as % control</td>
<td>105</td>
<td>106</td>
<td>106</td>
<td>104</td>
<td>103</td>
<td>104</td>
<td>103</td>
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<td>97</td>
<td>97</td>
<td>96</td>
<td>94</td>
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</tr>
</tbody>
</table>

**Agronomic features**

- **Resistance to lodging**: 8.1 | 8.2 | 8.0 | [7] | 8.0 | [7] | 7.4 | 7.8 | 7.9 | 7.3 | 7.6 | 7.7 | 8.4 | 7.4 | 7.8 | 8.2 | 8.6 | 7.8 | 7.8 | 8.6 | 7.7 | [8] | 0.4 | [8] | [8] |
- **Stem stiffness**: 9 | 9 | 8 | 7 | 8 | 7 | 8 | 9 | 8 | 8 | 9 | 7 | 8 | 7 | 9 | 8 | 9 | 9 | 8 | 9 | 7 | 9 | 0.6 | 8 | 6 |
- **Shortness of stem**: 6 | 7 | 6 | 6 | 6 | 7 | 6 | 9 | 6 | 7 | 6 | 7 | 6 | 7 | 9 | 8 | 6 | 6 | 9 | 8 | 6 | 0.3 | 6 | 7 |
- **Earliness of flowering**: 7 | 5 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 8 | 8 | 8 | 4 | 6 | 4 | 6 | 7 | 6 | 6 | 6 | 0.4 | 8 | 6 |
- **Earliness of maturity**: 5 | 4 | 4 | 6 | 5 | 6 | 6 | 5 | 5 | 5 | 6 | 5 | 6 | 4 | 6 | 4 | 5 | 6 | 5 | 6 | 5 | 6 | 6 | 0.6 | 6 | 6 |

**Seed quality (at 9% moisture)**

- **Oil content, fungicide treated (%)**: 46.7 | 45.9 | 44.6 | 46.4 | 46.7 | 45.6 | 45.6 | 45.2 | 45.3 | 46.6 | 45.1 | 45.4 | 44.5 | 44.7 | 45.0 | 45.9 | 44.5 | 44.6 | 45.1 | 44.3 | 46.2 | 44.8 | 44.5 | 43.2 | 44.1 | 0.4 | 47.6 | 45.5 |
- **Glucosinolate (μmol/g of seed)**: 12.6 | 10.1 | 12.8 | 10.5 | 9.7 | 11.8 | 10.0 | 11.9 | 11.2 | 12.1 | 17.4 | 11.4 | 13.8 | 11.5 | 13.0 | 13.1 | 11.5 | 8.5 | 10.1 | 14.0 | 12.1 | 10.4 | 11.2 | 13.6 | 12.3 |

## Varieties no longer listed in the East West Region:

- DK Secure, Excel and NKBravour

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**Glucosinolate contents are taken from the National List trials data**

**P1, P2** = first and second year of recommendation

* = variety no longer in trial in region

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

W = recommended for the East/West region

E/W = recommended for the East/West region

[ ] = limited data

$ = Cracker and Mendel are recommended for growing on clubroot infected land

# = Thorin, DK Sequoia, PR45D05 and PR45D03 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

© = Ertan is a high erucic acid (HEAR) variety

~ = V414OL is a high oleic, low linolenic (HOLL) variety

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

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**SUPPLEMENTARY DATA**

<table>
<thead>
<tr>
<th>Variety type</th>
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<th>Conv</th>
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<td>GStd</td>
<td>DSV</td>
<td>LSPB</td>
<td>Pion</td>
<td>DK</td>
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</table>

### Annual treated gross output (yield adjusted for oil content) as % control

- **2008 (4.8 t/ha)**: 107 111 106 105 106 104 104 102 99 104 103 99 102 100 101 98 96 98 98 98 98 98 98 98 [93] 5.0
- **2009 (5.5 t/ha)**: 107 105 112 107 106 101 103 104 104 102 99 104 103 99 102 100 101 98 96 98 98 98 98 98 98 [93] 5.0 101 90
- **2010 (5.2 t/ha)**: 111 106 105 106 106 106 104 101 104 105 105 101 101 100 99 99 98 104 100 98 97 101 94 [94] 5.8 102 90
- **2011 (5.8 t/ha)**: 110 110 104 106 105 105 104 107 103 109 100 101 104 101 100 100 100 99 109 - - 99 - 89 - 6.3 96 -

### Agronomy

- **Plant height (cm)**: 166 157 161 146 167 160 153 161 132 166 158 165 157 135 167 158 161 154 126 144 164 164 124 143 159 3.1 161 157

### Harvest method - gross output (yield adjusted for oil content) as % control

- **Swathed (5.2 t/ha)**: 109 107 109 105 109 105 106 103 103 103 104 103 101 101 102 104 104 99 106 102 101 99 96 94 [94] 5.6 102 91
- **Desiccated (5.2 t/ha)**: 108 109 107 105 107 105 105 108 103 103 104 103 101 101 102 104 104 99 106 102 101 99 96 94 [94] 4.3 98 90

[ ] = limited data

<table>
<thead>
<tr>
<th>Key to Breeder and UK contact codes</th>
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<tbody>
<tr>
<td>DK = DEKALB (<a href="http://www.dekalb.co.uk">www.dekalb.co.uk</a>)</td>
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<tr>
<td>DSV = DSV United Kingdom (<a href="http://www.dsv-uk.co.uk">www.dsv-uk.co.uk</a>)</td>
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<tr>
<td>Eur = EuRalis, France</td>
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<tr>
<td>GStd = Grainseed (<a href="http://www.grainseed.co.uk">www.grainseed.co.uk</a>)</td>
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<tr>
<td>KWS = KWS UK (<a href="http://www.kws-uk.com">www.kws-uk.com</a>)</td>
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