Overview

Status: Common Catalogue / Clearfield Variety

Phoenix CL has been bred and selected to amalgamate DSV’s pioneering genetics with the latest Clearfield® hybrid technology.

Phoenix CL is DSV UK’s biggest selling Clearfield® variety that has been commercially available in Europe for a couple of years and is now available in the UK after extensive trialling. It shows to have outstanding autumn vigour producing robust plants with deep tap roots. It has a good seed yield of 103% and one of the highest oil contents of any Clearfield® variety of 44.7%. It has a benchmark disease performance with a 6 for Light Leaf Spot and a 6 for stem canker. It also has enhanced pod shattering resistance for extra flexibility at harvest.

Phoenix CL is a typical DSV variety with the ‘45’ autumn vigour and good spring development which suits most soil types, giving you flexibility in later sowing if adverse weather conditions occur.

Phoenix CL is suited to minimum or no-tillage systems

Due to the rapid development of the lower branches of Phoenix CL DSV recommends a sowing rate of 30 – 40 seeds and a PGR in spring to ensure efficient harvestability.

UK Data for Phoenix CL

<table>
<thead>
<tr>
<th>Gross Output</th>
<th>103%</th>
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</thead>
<tbody>
<tr>
<td>Seed Yield</td>
<td>102%</td>
</tr>
<tr>
<td>Oil Content</td>
<td>44.7%</td>
</tr>
<tr>
<td>Vigour Autumn</td>
<td>High</td>
</tr>
<tr>
<td>Early Vigour</td>
<td>7.4</td>
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<tr>
<td>Winter Hardiness</td>
<td>High</td>
</tr>
<tr>
<td>Plant Height</td>
<td>156cm</td>
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<tr>
<td>Earliness of Flowering</td>
<td>5.1</td>
</tr>
<tr>
<td>Maturity</td>
<td>7</td>
</tr>
<tr>
<td>Resistance to Lodging</td>
<td>8</td>
</tr>
<tr>
<td>Stem Stiffness</td>
<td>9</td>
</tr>
<tr>
<td>Light Leaf Spot</td>
<td>6</td>
</tr>
<tr>
<td>Stem Canker</td>
<td>6</td>
</tr>
</tbody>
</table>

Source: NIAB TAG 2018 Data : DSV Extensive Trials UK - Disease Scores

“Our benchmark for Clearfield®”

“Phoenix CL is our benchmark for Clearfield® varieties in Europe that have reached the yield level for normal hybrids. It is one of the most adaptable varieties in our portfolio and is able to deliver a consistent performance all over Europe and in very diverse conditions.

The key to its yield stability is due to the combination of positive attributes it has. It is vigorous in autumn and can outgrow the sensitive juvenile stage very quickly. Due to its strong and deep tap root it can recover quickly in spring and it has access to water and nutrients in deeper soil layers. Furthermore, it has an impressive package of disease resistance and its very good pod shatter resistance protects the seed until harvest time. Therefore the plant has good protection from sowing until harvest.”

Dr Alexander Doering, Product Manager OSR International