### AHDB Recommended List

#### Spring oats 2021

<table>
<thead>
<tr>
<th>Variety type</th>
<th>Delfin</th>
<th>WPB Isabel</th>
<th>Elison</th>
<th>Yukon</th>
<th>Canyon</th>
<th>Aspin</th>
<th>WPB Elyann</th>
<th>Conway</th>
<th>Firth</th>
<th>Average LSD (5%)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Scope of recommendation</strong></td>
<td>UK</td>
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</tbody>
</table>

#### UK yield (% treated control)

- **Fungicide-treated (6.9 t/ha)**: 106, 105, 105, 104, 102, 100, 98, 98, 94, 5.4
- **Untreated (% of treated control)**: 101, 88, 97, 99, 96, 86, 88, 88, 79, 6.5

#### Grain quality

- **Kernel content (%):** 73.0, 75.9, 72.5, 73.2, 73.2, 73.8, 77.0, 74.4, 74.3, 1.1
- **Specific weight (kg/hl):** 50.9, 54.5, 51.0, 50.3, 51.7, 51.7, 50.9, 50.5, 49.3, 1.1
- **Screenings (% through 2.0 mm):** 2.8, 2.0, 2.7, 2.8, 2.4, 2.1, 2.5, 2.5, 2.9, 1.6

#### Agronomic features

- **Resistance to lodging (1–9):** 8, 8, 8, 8, 8, 7, 7, 7, 7, 1.0
- **Straw length (cm):** 111, 110, 106, 110, 98, 100, 102, 100, 98, 86
- **Ripening (days +/- Firth, -ve = earlier):** 0, 0, 0, 0, 0, 0, -1, -1, 0, 0
- **Disease resistance**
  - **Mildew (1–9):** 8, 5, 8, 7, 8, 8, 4, 4, 5, 4
  - **Crown rust (1–9):** 4, 5, 3, 5, 4, 5, 5, 5, 4, 1.1

#### Annual treated yield (% control)

- **2016 (8.3 t/ha):** [104], [103], [104], [102], [101], [100], [99], [97], [95], 4.7
- **2017 (7.2 t/ha):** [112], [111], [102], [101], [100], [96], [98], [101], 6.7
- **2018 (6.0 t/ha):** [106], [101], [103], [100], [98], [102], [103], [102], [96], [95], 8.5
- **2019 (7.1 t/ha):** [104], [106], [110], [106], [100], [96], [98], [96], 11.4
- **2020 (6.1 t/ha):** [106], [103], [104], [105], [104], [96], [100], [102], [90], 7.6

#### Breeder/ UK contact

- **Breeder:** Bau, Germany
- **UK contact:** SU, KWS, Sen, KWS, Sen
- **SBP/ AHDB RL system:** KWS (kws-uk.com)

#### Year first listed

- **2018: 18, 20, 19, 17, 11, 15, 17, 14, 80, 00**

**Naked spring oat varieties** are described. Data are provided for information only and do not constitute a recommendation.

On the 1–9 scales, high figures indicate that a variety shows the character to a high degree (e.g. high resistance).

- **C** = Yield control (for current table)
- **P2** = Second year of recommendation
- **LSD** = Least significant difference
- **Average LSD (5%):** Varieties that are more than one LSD apart are significantly different at the 95% confidence level

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### Spring oat mildew ratings

The RL 2021/22 sees the spring oat mildew disease rating slope reset, using a similar approach to that described for winter wheat yellow rust (see ‘winter wheat RL 2021/22’). The aim is to make the ratings more representative of what is seen in the field. This has contributed to a relatively large drop in ratings for some varieties, compared to the 2020/21 RL. This is not due changes in spring oat susceptibility to mildew or changes in the virulence of mildew.