AAC Chiffon Soft Wheat

Chiffon Soft wheat is high yielding soft wheat of medium tall stature with an awned spike and hollow stem. It has good straw strength, good shattering resistance, and a high kernel weight. It is well adapted to soft wheat growing areas of the western Prairies. Developed by Agriculture Canada (LRC) Lethbridge.

Principal breeder: Harpinder S. Randhawa, Ph.D.

Parentage: AC Reed/SWS53

**Strengths:**

- High yielding under irrigation: 7% higher than AC Andrew and 4% higher than Sadash in the Co-operative Registration trials (2012 – 2014).
- Performs well under dry conditions: higher grain yield than AC Andrew (+9%) and Sadash (+6%) in the Co-operative Registration trials (2012-2014).
- Resistant to stripe rust and powdery mildew.
- Moderate – Intermediate resistant to leaf rust.

**Neutral Traits:**

- Days to maturity are comparable to AC Andrew
- Taller than AC Andrew or Sadash
- Good straw strength but slightly higher lodging score than AC Andrew.

**Weaknesses:**

- Intermediate to moderately susceptible to black point.
- Susceptible to stem rust, common bunt, loose smut and fusarium head blight.

**CO-OPERATIVE REGISTRATION TRIAL DATA**

**TABLE 1. THREE YEAR SUMMARIES**


<table>
<thead>
<tr>
<th>SWS #</th>
<th>Grain Yield (kg/ha)</th>
<th>% of Andrew</th>
<th>Mat. (days)</th>
<th>Height (cm)</th>
<th>Lod (1-9)</th>
<th>TKW (g)</th>
<th>Protein %</th>
<th>TWT kg/ha</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>Irrigated Dryland</td>
<td>Mean</td>
<td>Irrigated Dryland Mean</td>
<td>Irrigated Dryland Mean</td>
<td>102.7</td>
<td>87</td>
<td>2.9</td>
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<td>AC Reed</td>
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<td>96 95 95</td>
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