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. Principle breeder: Harpinder S. Randhawa, Ph.D. Parentage: AC Reed/SWS53

**Strengths:**

- High yielding 5% higher than AC Andrew and 2% higher than Sadash in the Cooperative Registration trials (2008 – 2011).
- Performs well under dry conditions, higher grain yield than AC Andrew (+8%) and Sadash (+7%) under dry conditions.
- 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 (9.8 cm taller than AC Andrew and 7.6 cm taller than 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 headblight.

**From the 2016 Alberta Seed Guide**

<table>
<thead>
<tr>
<th>Variety</th>
<th>Overall Yield (% of AC Andrew)</th>
<th>Maturity</th>
<th>Protein (%)</th>
<th>Height (cm)</th>
<th>Lodging Resistance</th>
<th>Shatter Resistance</th>
<th>Stripe Rust</th>
</tr>
</thead>
<tbody>
<tr>
<td>AC Andrew</td>
<td>100</td>
<td>L</td>
<td>10.8</td>
<td>79</td>
<td>VG</td>
<td>VG</td>
<td>I</td>
</tr>
<tr>
<td>AAC Chiffon</td>
<td>104+</td>
<td>L</td>
<td>-0.4</td>
<td>88</td>
<td>G</td>
<td>VG</td>
<td>MR</td>
</tr>
<tr>
<td>AC Meena</td>
<td>97-</td>
<td>L</td>
<td>0.0</td>
<td>80</td>
<td>G</td>
<td>G</td>
<td>MR</td>
</tr>
<tr>
<td>Sadash</td>
<td>110+</td>
<td>L</td>
<td>+0.2</td>
<td>82</td>
<td>VG</td>
<td>VG</td>
<td>R</td>
</tr>
</tbody>
</table>