**QUICK FACTS**

**AXCELLA 2** is the second generation of commercially available turf-type annual ryegrass. It was developed from unique dwarf annual ryegrass plants that exhibit greater shoot density, narrower leaf blades, less vertical leaf growth, and a darker green leaf color than standard annual ryegrass cultivars. Axcella 2 exhibits strong seedling vigor for a weed-free turf and requires less pesticide use. Axcella 2 has similar or better overseeded turf quality than most intermediate ryegrasses in ½” cut fairway trials.

**ADAPTATION**

**AXCELLA 2** was developed for winter overseeding of dormant bermudagrass where rapid establishment and early spring transition is desired. Recently it’s been used in the Northern US and Canada in mixtures with Perennial Ryegrass for quick cover. By early summer, only the Per. Ryegrass remains as permanent turf. If overseeded by itself, Axcella 2 will provide quick cover that isn’t expected to overwinter. This is very useful on athletic fields where adequate turf is needed on very short notice.

**TRIAL DATA**

**Philomath, OR Turf Trial**
Spring height in inches at first mowing 2004 & 2005 Trial Average*

<table>
<thead>
<tr>
<th>Variety</th>
<th>Species</th>
<th>Height</th>
</tr>
</thead>
<tbody>
<tr>
<td>Axcella 2</td>
<td>Annual</td>
<td>4.96</td>
</tr>
<tr>
<td>Transist</td>
<td>Intermed.</td>
<td>6.22</td>
</tr>
<tr>
<td>Gulf</td>
<td>Annual</td>
<td>11.10</td>
</tr>
</tbody>
</table>

Height at first mowing is representative of turf growth rate with shorter height equating to slower growth rates, less frequent mowing and less clippings.

*Trials were sown in October of the respective year and measurements were taken in February.

**SEEDING RATES**

**New Lawn:**
10-12 lbs per 1,000 sq ft

**Overseeding Tees:**
20-25 lbs per 1,000 sq ft

**Overseeding Fairways:**
15-20 lbs per 1,000 sq ft