Liberator Kentucky Bluegrass

‘Liberator’ Kentucky bluegrass ranks at the top of the class among Simplot Turf & Horticulture’s famous 5-Steps Above® series of Kentucky bluegrasses. **Liberator** has been tied for #1 across the US and Canada ever since the latest National Kentucky Bluegrass Test was initiated.

**FEATURES:**
- Outstanding sod tensile strength
- Top-of-the-chart turf quality
- Superior performance in virtually every attribute
- Excellent disease resistance
- Tolerates maintenance levels from low to high
- A beautiful, rich green color
- Good turf density, but not thatch-prone

**PERFORMANCE CHARACTERISTICS:**

- **IF YOU WANT THE #1 VARIETY, THIS IS IT:** Liberator has consistently reigned as the #1 variety in the National Trials since their beginning. It just doesn’t get any better than this!
- **EXPANSIVE ADAPTATION:** Liberator scores top honors across a wide range of growing conditions: High mowing heights, mid-mowing heights, close mowing heights; high fertility rates, mid-to-low fertility rates; humid climates, arid climates, transition zone climates.
- **IMPROVED SHADE PERFORMANCE:** Liberator ranked among the top 3 nationally tested varieties in dense shade. Liberator draws its shade strength from its father, ‘Glade’ Kentucky bluegrass. Glade held the distinction as the most shade tolerant bluegrass for years, until unseated by Liberator.
- **IMPORTANT MAINTENANCE-REDUCING FEATURES:** Top ranked in drought tolerance (dormancy), wear tolerance, chlorosis resistance, and pest resistance (see list below). It provides an attractive, playable surface in all four seasons.

**PEST RESISTANCE:**

<table>
<thead>
<tr>
<th>Pest</th>
<th>Resistance</th>
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<th>Resistance</th>
</tr>
</thead>
<tbody>
<tr>
<td>Leaf spot</td>
<td>Superior resistance</td>
<td>Dollar spot</td>
<td>Superior resistance</td>
</tr>
<tr>
<td>Melting out</td>
<td>#1-rated resistance</td>
<td>Stem rust</td>
<td>#1-rated resistance</td>
</tr>
<tr>
<td>Stripe smut</td>
<td>Superior resistance</td>
<td>Leaf rust</td>
<td>Superior resistance</td>
</tr>
<tr>
<td>Brown patch</td>
<td>Very good resistance</td>
<td>Necrotic ring spot</td>
<td>#1-rated resistance</td>
</tr>
<tr>
<td>Summer patch</td>
<td>Superior resistance</td>
<td>Bluegrass billbug</td>
<td>Very good resistance</td>
</tr>
</tbody>
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**DEVELOPMENT:**

Liberator Kentucky bluegrass was bred over a 10-year period at the Simplot Turf & Horticulture Research Center in Post Falls, Idaho. It is an intraspecific hybrid between a Simplot breeding line as its mother, and ‘Glade’ Kentucky bluegrass as its father.