**OPTIMAL ADAPTATION AREAS:**

- **Seeding Rates:**
  - 3-4 lb/1000 sqft

- **Establishment:**
  - **Soil:** Well drained; pH of 5.5-8
  - **Sowing Time:** Spring or early Fall
  - **Planting Depth:** 1/8 inch
  - **Fertilizer:** 0.5-0.9 lb Nitrogen/1000 sqft
  - **Germination:** 7-21 days
  - **Water:** Keep soil moist until turfgrass is 3-4 inches tall
  - **First Mowing:** Turfgrass is 3-4 inches tall

- **Maintenance:**
  - **Height:** 2.5-4 inches
  - **Fertilizer:** 0.5-1 lb Nitrogen/1000 sqft a growing month (March-June and October-December)
  - **Mowing Frequency:** 2 times/week during active growth and remove no more than 1/3 of the leaf per mowing

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**Disease Resistance**

<table>
<thead>
<tr>
<th>Predator</th>
<th>Melting Out</th>
<th>Red Thread</th>
<th>Net Blotch</th>
</tr>
</thead>
<tbody>
<tr>
<td>Berkshire</td>
<td>4.7</td>
<td>7.2</td>
<td>5.0</td>
</tr>
<tr>
<td>Quatro</td>
<td>4.3</td>
<td>6.8</td>
<td>5.0</td>
</tr>
<tr>
<td>Spartan II</td>
<td>4.3</td>
<td>7.1</td>
<td>5.3</td>
</tr>
<tr>
<td>Scaldis</td>
<td>3.7</td>
<td>6.6</td>
<td>4.3</td>
</tr>
</tbody>
</table>

**Location:**
- South Dakota
- Virginia
- South Dakota

Ratings: 1-9; 9=No Disease  2004-2007 Data  www.ntep.org

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**See the difference?**

**Predator** vs **Drought Susceptible**

Photographs taken 2 weeks after water was withheld!

2008 Data  Albany, OR  www.nexgenresearch.net

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**PENNINGTON SEED INC.**

1280 Atlanta Hwy
Madison, Georgia 30650
1-800-277-1412
proturfsolutions@penningtonseed.com
www.pennington.com
Predator

Germinates and establishes quickly. Maintains a dense stand with dark green color even in poor and slightly acidic soils! Slow vertical growth means less mowing which makes it ideal for difficult to maintain areas! Performs well under low maintenance, low fertility, reduced water, and dense shade!

Hard Fescue

Primary Benefits:

♦ Drought Tolerant
♦ Disease Resistant: Melting Out, Red Thread, Net Blotch
♦ Shade Tolerant

Additional Benefits:

• Spring Green-Up
• Low Fertility Requirement
• Turfgrass Performance: Dark color and maintains cover

Recommended Use:

* Park Settings
* Home Lawns
* Landscape Areas
* Golf Courses

Developed By:

Rutgers University
Turf.rutgers.edu

Trial Code: E2H

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