

Mighty perennial ryegrass (*Lolium perenne*, tested as 06-B Lp) derives from improved perennial ryegrasses subjected to multiple cycles of selection for both adult and seedling salt tolerance. Mighty leaps out of the ground due to this selection for germination vigor and superior stress tolerance.

#### **DESCRIPTION:**

The variety demonstrates improvements in Gray Leaf Spot, Rust, Red Thread and Brown Patch resistance making it a multipurpose ryegrass. Rapid establishment combines with dark green color and fine leaf texture for a perennial ryegrass suited to all zones. Whether for permanent turf or overseeding dormant warm-season grasses, Mighty perennial ryegrass is an important part of any blend or mixture. It has a spreading growth habit for improved recovery in permanent turf.

#### **ADVANTAGES:**

Increasing use of effluent water or irrigation water high in salts has made it increasingly important to have turfgrasses that can germinate and grow well under these conditions. Mighty perennial ryegrass not only stands up to this, but also to many other stresses. Extra plant vigor allows it to recover rapidly if damage does occur.

#### **PERFORMANCE:**

Mighty can be blended with other ryegrasses, or included in mixtures with bluegrasses or fescues. It is adapted to all mowing heights from sports fields and home lawns to golf fairways and tees. Mighty has shown superior performance for both permanent turf and in blends for overseeding.

- High seedling and mature plant tolerance
- Very high turf quality
- Dark green color
- Fine texture and high density
- High resistance to Gray Leaf Spot
- High resistance to Crown Rust, Red Thread and Brown Patch



#### **SEEDING RATES:**

Seeds / lb: 220,000 - 250,000

New Turf: 7-9 lbs / 1000 sq. ft.

Winter Overseed Rates:

Golf Greens: 30 lbs / 1000 sq. ft.

Golf Fairways / Tees: 450 - 700 lbs / acre

Sports Fields and Golf Roughs: 250 - 450 lbs / acre

#### **BENEFITS AND FEATURES**

- High endophyte level for insect resistance and stress tolerance
- Spreading growth habit for improved recovery in permanent cool season zones
- Excellent for use on sports fields, home lawns, golf course fairways and tees, and as a winter overseed for dormant warm-season grasses
- Fast seedling germination and strong establishment
- High tillering for excellent wear tolerance all seasons
- Excellent performance even in poor soils

**2007 CTBT Trial - 2008 Turf Quality - Salem, NJ**  
**Digital Camera Ratings**  
**Quality Ratings 1 - 9, 9 = best**

Cultivar	Quality	Cultivar	Quality	Cultivar	Quality	Cultivar	Quality
Soprano	5.37	<b>Seville 3</b>	5.20	All Star 3	5.03	LineDrive GLS	4.90
<b>Mighty (06-B Lp)</b>	5.33	Palmer V	5.13	Applaud II	5.00	Manhattan 5 GLR	4.87
SR 4600	5.30	Silver Dollar	5.10	Jet	4.97	Prelude IV	4.70
Paragon GLR	5.23	1G Squared	5.07	Integra II	4.93	LSD @ 5%	0.51

**2007 CTBT Trial - 2008-2009 Turf Quality - Camarillo, CA**  
**Subjective Ratings**  
**Quality Ratings 1 - 9, 9 = best**

Cultivar	Quality	Cultivar	Quality	Cultivar	Quality	Cultivar	Quality
Zoom	6.4	All Star 3	5.97	Palmer V	5.60	1G Squared	5.20
Pizzaz	6.10	LineDrive GLS	5.87	Gray Goose	5.50	Applaud II	4.73
<b>Mighty (06-B Lp)</b>	<b>6.00</b>	Silver Dollar	5.87	Paragon GLR	5.27	Integra II	4.53
Soprano	6.00	Applaud	5.70	Jet	5.23	LSD @ 5%	0.69

**2007 CTBT Trial - 2009 Data, University of Illinois**  
**% Poa Annua**

Cultivar	% Poa	Cultivar	% Poa	Cultivar	% Poa	Cultivar	% Poa
All Star 3	13.33	Paragon GLR	28.33	Soprano	38.33	Protégé GLR	45.00
<b>Mighty (06-B Lp)</b>	<b>18.33</b>	LineDrive GLS	28.33	Jet	38.33	Applaud II	48.33
Zoom	28.33	Integra II	31.67	Manhattan II	41.67	Applaud	48.33
1G Squared	28.33	Manhattan V GLR	35.00	Palmer V	43.33	Pizzaz	51.67

**2009 - 2010 Overseeding Trial University of Arizona**  
**Perennial Ryegrass Cultivars and Blends**  
**Ratings 1 - 9, 9 = best**

Cultivar / Blend	Fall	Winter / Spring	Average	Texture	Color
<b>Mighty (06B-Lp)</b>	<b>6.8</b>	<b>7.7</b>	<b>7.3</b>	<b>7.5</b>	<b>7.6</b>
Overseed Eagle Blend	6.0	7.2	6.7	7.0	7.3
Lover	6.6	7.6	7.2	7.3	7.2
Overture Blend	6.3	7.2	6.8	6.9	7.1
Opus	6.9	7.7	7.4	7.4	7.1
Rx Blend	6.1	6.8	6.5	7.3	6.9
Allsport	6.3	7.2	6.8	6.9	6.6
Playoff	6.8	7.9	7.5	7.0	6.5
LSD @ 5%	0.8	0.7	0.5	0.7	0.7