Jonathan Green

FOR THE BEST LAWN IN TOWN

STANTON
PERENNIAL RYEGRASS

STANTON
Perennial Ryegrass

Variety Name:	**Stanton**
Kind:	**Perennial Ryegrass**
Genus:	**Lolium**
Species:	**perenne**
Experimental Designation:	**BM61097**

Stanton Perennial Ryegrass was developed from plants selected for moisture stress resistance using NaCl (sodium) for osmotic stress, (measuring the effect of water on biological molecules,) and a technique using competitive soil moisture on root systems. Two cycles of selection for salinity tolerance were completed on plants tracing to Dark Star II. These plants were crossed with plants tracing to Seville, Palmer III, and other advanced perennial ryegrass populations developed for salinity tolerance and soil moisture stress resistance under greenhouse conditions. In 2005, the plants were placed in field nurseries and crossed to create the new perennial ryegrass, Stanton, with breeders seed declared in 2006.

Stanton Perennial Ryegrass was also one of the first grasses to be developed using the photo-chemical efficiency and anti-oxidant screening tests.

Stanton Perennial Ryegrass exhibits the following characteristics:

- Great brown patch resistance
- Good wear tolerance and recovery, performs well on athletic fields
- Tolerant of poor soil and low fertility, frequently used for ground cover or roadsides where little or no maintenance is available.
- Good for overseeding existing turf, holds color well
- Very drought tolerant
- Endophyte enhanced for natural insect damage resistance

Stanton Perennial Ryegrass production field, May 2010, Hermiston, OR.

Mike Hawmen (center right) and staff, grass seed growers of Stanton Perennial Ryegrass at Riverview Farm, Hermiston, OR.

Mike Hawmen and Barry Green Sr. review the grass stand of Stanton Perennial Ryegrass.

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Research

NEW FRONTIER
PERENNIAL RYEGRASSES

Stanton is a New Frontier Perennial Ryegrass variety.