



**Turf Type  
Perennial Ryegrass**

**B**UENA VISTA perennial ryegrass offers the golf and turf professional the latest in enhanced gray leaf spot resistance. It has better salt tolerance and improved overall turf quality. Originally developed at Rutgers University, reselected and code named PR-208, BUENA VISTA is among the top performers in current testing in many important geographic areas. BUENA VISTA perennial ryegrass has a very high (90%+) endophyte level that enhances turf performance. Endophyte works with the developing and mature plant to enhance stress tolerance and improve insect resistance.

Two major improvements that BUENA VISTA offers are a new level of gray leaf spot and salt tolerance. These problems plague establishing and mature perennial ryegrass stands. In late summer during seeding establishment, gray leaf spot can infect turf stands and leave vast expanses with undesirable browning turf. During late summer season heat, established permanent perennial ryegrass lawns may also become infected.

BUENA VISTA is assured to offer the golf and turf pro as well as homeowner the latest in improved turf and gray leaf spot resistance. It is sure to benefit high saline soils as well (see chart on back).

*Permanent Northern Turf:*  
New Lawns: 6# per 1000 square feet  
Overseed: 3# per 1000 square feet  
Sports turf: 10# per 1000 square feet

*Dormant Southern Overseeding:*  
Lawns & Fairways: 8-15 # per 1000 square feet  
Tees and Greens: 20-35 # per 1000 square feet

- Excellent dark green color*
- Lower growing/ less mowing*
- Gray leaf sport resistant*
- Improved salt tolerance*
- High endophyte for added benefits*



**+ Newest enhancements in gray leaf spot resistance**



**Burlingham  
Seeds**

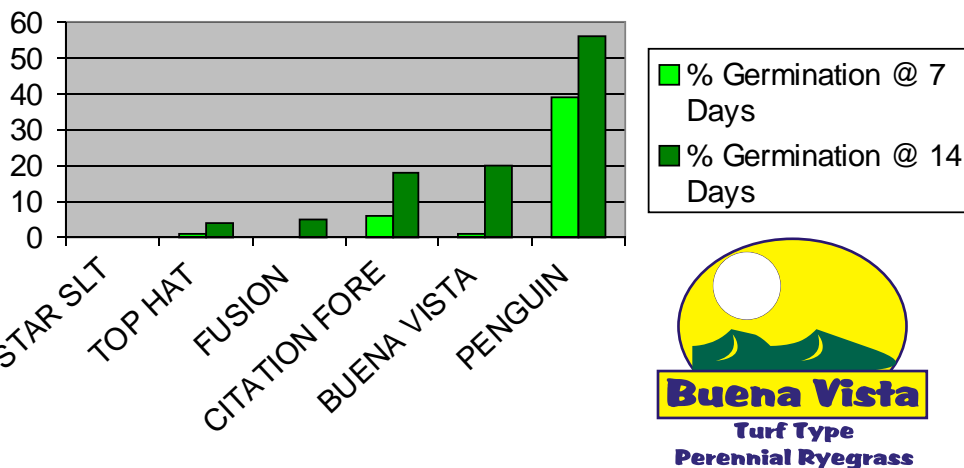


Burlingham Seeds LLC  
PO Box 46 Rickreall, Oregon USA 97371  
Toll Free 800-221-7333  
Phone 503-623-2306  
Fax 503-623-2477  
info@burlinghamseeds.com

*Quality Seed Since 1911*

## Germination of Perennial Ryegrass Varieties Under High Salt (16,500 ppm) Conditions

by Steve Reid Research Agronomist



Variety	Buena Vista	High	Low	LSD
Turf Quality Summary	5.9	6.3	3.0	0.2
Turf Quality Schedule A	6.3	6.8	2.4	0.3
.5 - .75 INCH MOWING HEIGHT .5 - 1 lb. N/1000 FT2/YEAR IRRIGATION				
Turf Quality Schedule B	5.8	6.3	3.0	0.3
1 - 2 INCH MOWING HEIGHT .5 - 1 lb. N/1000 FT2/YEAR NO IRRIGATION				
Turf Quality Schedule C	5.8	6.6	3.4	0.3
1.5 - 2.5 INCH MOWING HEIGHT .3 - .5 lb. N/1000 FT2/YEAR				
Northeast Region Quality	6.2	6.8	3.4	0.3
Transition Region Quality	5.8	6.4	3.0	0.4
North Central Region Quality	5.8	6.5	2.6	0.4
Upper West Region Quality	5.8	6.6	2.7	0.6
Corvallis, Oregon Quality	6.1	6.3	3.7	0.8
Turf Quality under Traffic Stress (Mead, NE)	6.6	7.4	4.3	3.3
Turf Quality under Traffic Stress (Ithaca, NY)	7.2	7.6	5.1	0.7
Turf Quality under Traffic Stress (Puyallup, WA)	5.5	5.7	3.5	0.6
Genetic Color	6.7	7.8	3.4	0.3
Winter Color	7.3	9.0	5.0	0.9
Leaf Texture 1=coarse	7.5	7.7	5.2	0.3
Spring Density	6.5	7.2	3.7	1.0
Summer Density	7.3	7.9	4.8	0.6
Fall Density	6.4	7.1	3.2	0.5
Spring Greenup	5.8	6.4	3.3	0.5
Seedling Vigor	6.1	6.3	5.2	0.5
% Establishment Rating	72.2	80.9	63.2	5.0
% Living Ground Cover Spring	89.5	97.7	57.0	7.8
% Living Ground Cover Summer	73.6	88.8	49.3	9.9
% Living Ground Cover Fall	81.7	86.7	42.9	8.9
% Cover Under Traffic	45.0	75.0	25.0	63.5
% Winter Kill	45.8	84.2	23.5	27.9
Brown Patch (Warm Temperature)	6.2	7.6	5.1	1.0
Brown Patch (IL)	6.7	8.7	3.7	1.6
Brown Blight	9.0	9.0	3.3	1.4
Pythium Blight Ratings	8.0	9.0	5.7	1.1
Red Thread (OR)	8.3	9.0	5.0	2.1
Crown Rust	5.0	7.3	3.0	1.9
Crown Rust (MN)	5.7	7.3	2.7	1.2
Gray Leaf Spot	7.2	9.0	2.7	1.1
Gray Leaf Spot Stress (NJ)	5.7	7.0	1.0	0.8
% Pink Snow Mold	16.3	55.3	11.0	14.1
Low Temp Injury (SD)	5.3	6.7	2.3	1.5
Weed Rating (ME)	7.3	9.0	3.3	3.7

### Locations By Region

Northeast Region - MA1,ME1,NJ1,NY1,PA1,QE1 & R1  
 Transition Region - IL2,KY1,MD1,MO1,OK1 & VA1  
 North Central Region - IA1,IL1,IN1,MI1,MN1,ND1,NE1,SD1 & WI1

**2004 National Perennial Ryegrass Test  
 2005 Data  
 Progress Report NTEP No. 06-1**



## Turf Features

**Germination Time** - Fast  
 5 to 10 days is normal in spring and fall with irrigation

**Growth habit** - bunch grass

**Drought Tolerance** - Good

**Mowing Height** - from .175 inch daily to 3 inches weekly

**Disease Resistance**  
 Excellent resistance to gray leaf spot  
 High resistance to dollar spot and red thread

**Traffic tolerance** - Good

**pH Tolerance**  
 Ranges from 5.5 to 8.5, Ideally at 6.0 to 6.5

**Texture**  
 Fine leaf texture and dwarf vertical growth habit

**Compatibility** - with Kentucky bluegrasses and fine fescues, turf type tall fescues

**Color** - Dark green

**Shade tolerance** - Fair - likes full sun

**Salt tolerance** - Very Good

**Endophyte enhanced** - Yes - helps insect and stress tolerance

**Preferred use** - Home and commercial lawns, sports fields, golf fairways, tees and roughs