

2004 NTEP National Perennial Ryegrass Test (Summary 2005-2008)

Location: Pullman, WA. WSU Turfgrass and Agronomy Research Center

Date planted: 5/23/05

Seeding rate: 6.25 lbs/1000 ft²

Turf Maintenance: Mowing ht= 1.0"

N = 5 lbs/1000 ft²/Year

Irrigation: No irrigation or to prevent dormancy

Fungicide use: only when severe stand loss is possible

Weed and insect control: to prevent stand loss

X = Commercially available in 2008

| Entry# | Cultivar | Sponsor | 2005 | | | | 2006 | | | | 2007 | | | | 2008 | | | 2005-2008 | | | |
|--------|--------------------|-------------------------|-----------------|--------------|---------------|--------------|----------------|--------------|---------------|--------------|----------------|--------------|---------------|--------------|--------------|---------------|--------------|----------------|--------------|---------------|---------|
| | | | *Establish-ment | Leaf Texture | Genetic Color | Quality 2005 | Spring Greenup | Leaf Texture | Genetic Color | Quality 2006 | Spring Greenup | Leaf Texture | Genetic Color | Quality 2007 | Leaf Texture | Genetic Color | Quality 2008 | Establish-ment | Leaf Texture | Genetic Color | Quality |
| 94 | PM 102 | Pickseed | 5.3 | 8.0 | 8.3 | 6.9 | 5.0 | 6.0 | 9.0 | 5.7 | 4.7 | 6.0 | 9.0 | 6.2 | 7.0 | 8.7 | 6.9 | 5.3 | 6.8 | 8.8 | 6.4 |
| 18 | X ASP6002 | Allied Seed | 5.7 | 8.0 | 7.3 | 6.7 | 4.3 | 5.7 | 8.3 | 5.9 | 4.7 | 6.0 | 8.7 | 6.3 | 7.0 | 8.3 | 6.8 | 5.7 | 6.7 | 8.2 | 6.4 |
| 47 | X Cabo II | Grasslands Oregon | 5.0 | 8.0 | 7.7 | 6.4 | 4.7 | 6.0 | 8.0 | 5.9 | 4.0 | 6.0 | 9.0 | 6.8 | 7.0 | 8.0 | 6.7 | 5.0 | 6.8 | 8.2 | 6.4 |
| 96 | X Calypso 3 | Pickseed | 6.0 | 8.0 | 7.0 | 6.9 | 5.7 | 6.0 | 8.3 | 5.9 | 4.3 | 6.0 | 8.0 | 6.3 | 7.0 | 7.7 | 6.7 | 6.0 | 6.8 | 7.7 | 6.4 |
| 104 | X Pleasure Supreme | Ampac Seed Company | 5.3 | 8.0 | 7.0 | 6.7 | 4.7 | 6.0 | 8.3 | 5.7 | 4.3 | 6.0 | 8.3 | 6.5 | 7.0 | 7.7 | 6.7 | 5.3 | 6.8 | 7.8 | 6.4 |
| 13 | X Halo | Kenako Seeds, Inc. | 5.7 | 8.0 | 7.7 | 6.9 | 5.0 | 6.0 | 8.3 | 5.6 | 2.3 | 6.0 | 8.7 | 6.2 | 7.0 | 8.0 | 6.7 | 5.7 | 6.8 | 8.2 | 6.4 |
| 67 | X Fiesta 4 | Pickseed | 5.7 | 8.0 | 6.7 | 6.5 | 4.7 | 6.0 | 7.7 | 5.6 | 5.3 | 6.0 | 8.3 | 6.5 | 7.0 | 7.7 | 6.7 | 5.7 | 6.8 | 7.6 | 6.3 |
| 66 | X Sunshine 2 | Pickseed | 5.7 | 8.0 | 7.0 | 6.7 | 5.0 | 6.0 | 8.0 | 5.6 | 4.0 | 6.0 | 8.0 | 6.3 | 6.7 | 7.7 | 6.6 | 5.7 | 6.7 | 7.7 | 6.3 |
| 92 | X SR 4600 | Seed Research of Oregon | 5.7 | 8.0 | 7.0 | 6.9 | 5.3 | 6.0 | 8.0 | 5.6 | 6.0 | 6.0 | 8.0 | 6.0 | 7.0 | 7.3 | 6.7 | 5.7 | 6.8 | 7.6 | 6.3 |
| 112 | APR 1648 | Ultra-Turf | 5.0 | 8.0 | 7.3 | 6.7 | 6.7 | 6.0 | 8.0 | 5.7 | 6.0 | 6.0 | 8.3 | 6.1 | 7.0 | 7.7 | 6.7 | 5.0 | 6.8 | 7.8 | 6.3 |
| 82 | X Gray Star | Turf-Seed, Inc. | 6.3 | 8.0 | 7.7 | 7.1 | 3.7 | 6.0 | 7.7 | 5.7 | 3.0 | 6.0 | 8.3 | 6.0 | 7.0 | 8.0 | 6.4 | 6.3 | 6.8 | 7.9 | 6.3 |
| 10 | TR47 | Bailey Seeds | 5.7 | 8.0 | 7.7 | 6.7 | 4.7 | 6.0 | 8.3 | 5.5 | 3.7 | 6.0 | 8.3 | 6.5 | 7.0 | 8.0 | 6.5 | 5.7 | 6.8 | 8.1 | 6.3 |
| 27 | X Delaware XL | Ampac Seed Company | 6.7 | 8.0 | 7.0 | 6.9 | 5.0 | 5.7 | 8.0 | 5.9 | 3.7 | 6.0 | 8.3 | 5.8 | 7.0 | 8.0 | 6.6 | 6.7 | 6.7 | 7.8 | 6.3 |
| 70 | X Cutter II | Pickseed | 6.0 | 8.0 | 7.0 | 6.7 | 5.0 | 5.7 | 8.0 | 5.7 | 4.7 | 6.0 | 8.3 | 6.0 | 7.0 | 7.3 | 6.7 | 6.0 | 6.7 | 7.7 | 6.2 |
| 39 | X Palace | Columbia Seeds LLC | 6.0 | 8.0 | 7.0 | 6.6 | 5.3 | 6.0 | 7.7 | 5.6 | 4.0 | 6.0 | 8.0 | 6.0 | 7.0 | 7.7 | 6.7 | 6.0 | 6.8 | 7.6 | 6.2 |
| 11 | X Presidio | Columbia Seeds LLC | 5.7 | 8.0 | 7.3 | 6.5 | 4.7 | 6.3 | 8.0 | 5.5 | 4.0 | 6.0 | 8.7 | 6.3 | 7.0 | 8.0 | 6.6 | 5.7 | 6.8 | 8.0 | 6.2 |
| 19 | X ASP6005 | Allied Seed | 5.7 | 8.0 | 7.3 | 6.3 | 5.0 | 6.0 | 7.7 | 5.6 | 4.7 | 6.0 | 8.3 | 6.4 | 7.0 | 8.0 | 6.5 | 5.7 | 6.8 | 7.8 | 6.2 |
| 101 | X Palmer IV | ProSeeds Marketing | 5.3 | 8.0 | 6.7 | 6.7 | 6.0 | 6.0 | 7.3 | 5.3 | 4.7 | 6.0 | 8.0 | 6.1 | 7.0 | 7.3 | 6.7 | 5.3 | 6.8 | 7.3 | 6.2 |
| 108 | D04-11T | The Scotts Company | 5.3 | 8.0 | 6.7 | 6.6 | 5.0 | 6.0 | 7.3 | 5.6 | 5.3 | 6.0 | 8.3 | 6.2 | 7.0 | 7.0 | 6.3 | 5.3 | 6.8 | 7.3 | 6.2 |
| 20 | X ASP6006 | Allied Seed | 5.3 | 8.0 | 7.0 | 6.5 | 4.7 | 6.0 | 7.7 | 5.4 | 5.0 | 6.0 | 8.7 | 6.3 | 7.0 | 8.3 | 6.4 | 5.3 | 6.8 | 7.9 | 6.2 |
| 35 | X Mach I | Standard Entry | 6.3 | 8.0 | 6.7 | 6.7 | 5.0 | 6.0 | 8.0 | 5.5 | 4.7 | 6.0 | 8.0 | 5.9 | 7.0 | 7.7 | 6.6 | 6.3 | 6.8 | 7.6 | 6.2 |
| 117 | DP 17-9499 | DLF-Trifolium A/S | 5.7 | 8.0 | 7.0 | 6.7 | 5.0 | 6.0 | 8.0 | 5.5 | 5.3 | 6.0 | 8.7 | 6.1 | 7.0 | 7.3 | 6.3 | 5.7 | 6.8 | 7.8 | 6.1 |
| 99 | X GL-2 | ProSeeds Marketing | 5.7 | 8.0 | 7.0 | 6.5 | 4.7 | 6.0 | 7.3 | 5.5 | 5.3 | 6.0 | 7.7 | 6.0 | 7.0 | 7.3 | 6.5 | 5.7 | 6.8 | 7.3 | 6.1 |
| 8 | X Exacta II GLSR | Lebanon Seaboard Corp. | 5.7 | 8.0 | 7.0 | 6.6 | 5.7 | 6.0 | 7.7 | 5.5 | 5.0 | 6.0 | 7.3 | 6.0 | 7.0 | 7.3 | 6.4 | 5.7 | 6.8 | 7.3 | 6.1 |
| 14 | VB99 | Landmark Seed Company | 6.0 | 8.0 | 7.7 | 6.7 | 5.0 | 6.0 | 8.3 | 5.3 | 3.3 | 6.0 | 8.3 | 6.0 | 7.0 | 7.7 | 6.5 | 6.0 | 6.8 | 8.0 | 6.1 |
| 42 | X Amazing GS | Ampac Seed Company | 5.0 | 7.7 | 7.0 | 6.8 | 4.7 | 6.0 | 7.3 | 5.2 | 4.0 | 6.0 | 8.3 | 6.0 | 7.0 | 7.3 | 6.5 | 5.0 | 6.7 | 7.5 | 6.1 |
| 12 | GPR | Grasslands Oregon | 5.7 | 8.0 | 7.0 | 6.6 | 5.7 | 5.7 | 8.0 | 5.3 | 5.3 | 6.0 | 8.0 | 6.1 | 7.0 | 8.0 | 6.4 | 5.7 | 6.7 | 7.8 | 6.1 |
| 4 | X Pizzazz | Turf Merchants, Inc. | 6.0 | 8.0 | 7.0 | 6.8 | 5.3 | 6.3 | 7.7 | 5.4 | 6.0 | 6.0 | 7.7 | 6.1 | 7.0 | 7.3 | 6.1 | 6.0 | 6.8 | 7.4 | 6.1 |
| 21 | X ASP6004 | Allied Seed | 6.0 | 8.0 | 7.3 | 6.5 | 6.3 | 6.0 | 8.0 | 5.4 | 4.3 | 6.0 | 8.3 | 6.0 | 7.0 | 8.0 | 6.5 | 6.0 | 6.8 | 7.9 | 6.1 |
| 7 | X Protégé GLR | Turf Merchants, Inc. | 5.7 | 8.0 | 7.0 | 7.1 | 5.7 | 6.0 | 7.3 | 4.9 | 5.7 | 6.0 | 7.3 | 6.1 | 7.0 | 7.7 | 6.3 | 5.7 | 6.8 | 7.3 | 6.1 |
| 24 | X Nexus XD | Smith Seed Services | 5.3 | 8.0 | 8.0 | 6.7 | 4.0 | 6.3 | 8.3 | 5.2 | 2.7 | 6.0 | 8.3 | 5.8 | 7.0 | 8.3 | 6.6 | 5.3 | 6.8 | 8.2 | 6.1 |
| 69 | X Firebolt | Seed Research of Oregon | 5.0 | 8.0 | 7.7 | 6.4 | 5.0 | 6.0 | 8.0 | 5.3 | 3.7 | 6.0 | 8.3 | 6.0 | 7.0 | 7.7 | 6.6 | 5.0 | 6.8 | 7.9 | 6.1 |
| 88 | BAR Lp 4420 | Barenbrug USA | 5.7 | 8.0 | 7.0 | 6.8 | 4.3 | 6.0 | 7.7 | 5.3 | 4.0 | 6.0 | 7.3 | 6.1 | 7.0 | 7.7 | 6.1 | 5.7 | 6.8 | 7.4 | 6.1 |
| 48 | X Kokomo II | Grasslands Oregon | 5.3 | 8.0 | 7.3 | 6.5 | 5.3 | 5.7 | 7.7 | 5.3 | 4.3 | 6.0 | 8.3 | 5.9 | 7.0 | 8.0 | 6.6 | 5.3 | 6.7 | 7.8 | 6.1 |
| 46 | X Stellar GL | Mountain View Seeds | 5.3 | 8.0 | 7.0 | 6.7 | 4.7 | 5.7 | 7.3 | 5.1 | 3.7 | 6.0 | 8.0 | 5.9 | 7.0 | 7.7 | 6.6 | 5.3 | 6.7 | 7.5 | 6.1 |
| 106 | D04-LP05 | The Scotts Company | 5.7 | 8.0 | 6.7 | 6.7 | 5.0 | 6.0 | 7.3 | 5.3 | 5.0 | 6.0 | 8.3 | 6.0 | 7.0 | 7.3 | 6.3 | 5.7 | 6.8 | 7.4 | 6.1 |
| 6 | X Paragon GLR | Turf Merchants, Inc. | 5.7 | 8.0 | 7.0 | 6.7 | 4.7 | 6.0 | 7.3 | 5.2 | 5.0 | 6.0 | 7.7 | 6.0 | 7.0 | 7.3 | 6.3 | 5.7 | 6.8 | 7.3 | 6.1 |
| 25 | X Nexus XR | Smith Seed Services | 5.3 | 7.7 | 7.7 | 6.4 | 5.0 | 6.0 | 8.0 | 5.2 | 4.0 | 6.0 | 8.3 | 6.0 | 7.0 | 8.0 | 6.6 | 5.3 | 6.7 | 8.0 | 6.0 |
| 109 | D04-1667 | The Scotts Company | 5.0 | 8.0 | 7.0 | 6.5 | 6.0 | 6.0 | 7.7 | 5.5 | 6.7 | 6.0 | 8.0 | 6.0 | 7.0 | 6.7 | 6.2 | 5.0 | 6.8 | 7.3 | 6.0 |
| 17 | X ASP6003 | Allied Seed | 5.7 | 8.0 | 7.3 | 6.5 | 4.3 | 6.0 | 8.0 | 5.5 | 4.0 | 6.0 | 8.0 | 5.7 | 7.0 | 7.7 | 6.4 | 5.7 | 6.8 | 7.8 | 6.0 |
| 81 | X \$ilver Dollar | Turf-Seed, Inc. | 5.7 | 7.7 | 7.0 | 6.5 | 5.3 | 6.0 | 7.0 | 5.2 | 4.7 | 6.0 | 8.0 | 5.9 | 7.0 | 7.3 | 6.4 | 5.7 | 6.7 | 7.3 | 6.0 |
| 9 | ES45 | Bailey Seeds | 6.0 | 8.0 | 7.3 | 6.3 | 5.3 | 6.0 | 8.3 | 5.3 | 4.0 | 6.0 | 8.3 | 6.0 | 7.0 | 8.0 | 6.6 | 6.0 | 6.8 | 8.0 | 6.0 |

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| Entry# | Cultivar | Sponsor | 2005 | | | | 2006 | | | | 2007 | | | | 2008 | | | 2005-2008 | | | |
|--------|-----------------------|------------------------------|-----------------|--------------|---------------|---------|----------------|--------------|---------------|---------|----------------|--------------|---------------|---------|--------------|---------------|---------|----------------|--------------|---------------|---------|
| | | | *Establish-ment | Leaf Texture | Genetic Color | Quality | Spring Greenup | Leaf Texture | Genetic Color | Quality | Spring Greenup | Leaf Texture | Genetic Color | Quality | Leaf Texture | Genetic Color | Quality | Establish-ment | Leaf Texture | Genetic Color | Quality |
| 38 | X Regal 5 | DLF International Seed, Inc. | 5.3 | 8.0 | 7.3 | 6.5 | 4.0 | 6.0 | 8.0 | 5.2 | 3.3 | 6.0 | 8.3 | 5.7 | 7.0 | 7.7 | 6.6 | 5.3 | 6.8 | 7.8 | 6.0 |
| 34 | X 16 Squared | Pennington Seed Company | 6.7 | 8.0 | 6.7 | 6.5 | 5.3 | 6.0 | 7.3 | 5.4 | 5.3 | 6.0 | 8.0 | 6.0 | 7.0 | 7.7 | 6.2 | 6.7 | 6.8 | 7.4 | 6.0 |
| 33 | MMW | Pennington Seed Company | 5.7 | 8.0 | 7.0 | 6.3 | 5.0 | 6.0 | 7.3 | 5.4 | 5.0 | 6.0 | 7.7 | 5.9 | 7.0 | 7.3 | 6.4 | 5.7 | 6.8 | 7.3 | 6.0 |
| 32 | X DP1 | Pennington Seed Company | 5.7 | 8.0 | 7.3 | 6.4 | 4.3 | 6.0 | 7.7 | 5.1 | 4.7 | 6.0 | 8.0 | 5.9 | 7.0 | 8.0 | 6.7 | 5.7 | 6.8 | 7.8 | 6.0 |
| 72 | X Apple GL | Z Seeds/Mountain View Seeds | 5.3 | 8.0 | 7.0 | 6.5 | 5.7 | 6.0 | 6.7 | 5.0 | 5.0 | 6.0 | 8.0 | 6.1 | 7.0 | 7.7 | 6.3 | 5.3 | 6.8 | 7.3 | 6.0 |
| 102 | X Line Drive GLS | ProSeeds Marketing | 5.0 | 8.0 | 6.7 | 6.6 | 5.0 | 6.0 | 7.3 | 5.3 | 5.0 | 6.0 | 7.7 | 5.9 | 7.0 | 7.3 | 6.2 | 5.0 | 6.8 | 7.2 | 6.0 |
| 15 | VB77 | Landmark Seed Company | 6.0 | 8.0 | 7.0 | 6.7 | 4.0 | 6.0 | 7.7 | 5.2 | 3.3 | 6.0 | 8.3 | 5.8 | 7.0 | 7.3 | 6.3 | 6.0 | 6.8 | 7.6 | 6.0 |
| 22 | X ASP6001 | Allied Seed | 5.3 | 7.7 | 7.3 | 6.5 | 4.7 | 6.0 | 7.3 | 5.0 | 3.3 | 6.0 | 8.0 | 5.9 | 7.0 | 7.7 | 6.5 | 5.3 | 6.7 | 7.6 | 6.0 |
| 118 | X Galatti | DLF-Trifolium A/S | 5.0 | 8.0 | 6.3 | 6.1 | 4.0 | 6.0 | 7.7 | 5.4 | 5.0 | 6.0 | 8.0 | 6.0 | 7.0 | 7.0 | 6.3 | 5.0 | 6.8 | 7.3 | 6.0 |
| 103 | X Edge II | Pickseed | 5.0 | 8.0 | 7.0 | 6.4 | 4.7 | 6.0 | 7.3 | 5.3 | 4.0 | 6.0 | 8.0 | 5.7 | 7.0 | 7.0 | 6.4 | 5.0 | 6.8 | 7.3 | 6.0 |
| 41 | X All*Star 3 | DLF International Seed, Inc. | 5.3 | 7.7 | 7.3 | 6.6 | 4.0 | 6.0 | 6.7 | 4.9 | 3.7 | 6.0 | 8.0 | 6.1 | 7.0 | 7.3 | 6.2 | 5.3 | 6.7 | 7.3 | 6.0 |
| 68 | Pick 02-R | Pickseed | 5.0 | 7.3 | 7.7 | 6.1 | 5.0 | 6.3 | 8.0 | 5.0 | 4.3 | 6.0 | 8.3 | 6.2 | 7.0 | 8.0 | 6.4 | 5.0 | 6.7 | 8.0 | 6.0 |
| 89 | BAR Lp 4920 | Barenbrug USA | 6.0 | 8.0 | 6.7 | 6.7 | 6.0 | 6.0 | 8.3 | 5.4 | 5.7 | 6.0 | 7.7 | 5.6 | 7.0 | 7.3 | 6.2 | 6.0 | 6.8 | 7.5 | 6.0 |
| 45 | X Derby Xtreme | DLF International Seed, Inc. | 6.3 | 8.0 | 7.0 | 6.3 | 4.3 | 6.0 | 7.7 | 5.4 | 3.7 | 6.0 | 7.7 | 5.7 | 7.0 | 7.3 | 6.4 | 6.3 | 6.8 | 7.4 | 5.9 |
| 83 | X Quicksilver | Turf-Seed, Inc. | 5.7 | 8.0 | 7.0 | 6.5 | 3.3 | 5.7 | 7.7 | 5.2 | 2.3 | 6.0 | 8.0 | 5.9 | 7.0 | 7.7 | 6.2 | 5.7 | 6.7 | 7.6 | 5.9 |
| 49 | X Buena Vista | Burlingham Seeds, LLC | 5.7 | 8.0 | 6.3 | 6.5 | 4.7 | 6.0 | 7.0 | 5.2 | 3.7 | 6.0 | 7.7 | 5.7 | 7.0 | 7.7 | 6.3 | 5.7 | 6.8 | 7.2 | 5.9 |
| 40 | X Attribute | LESCO, Inc. | 5.7 | 8.0 | 7.0 | 6.5 | 4.7 | 6.0 | 6.7 | 5.0 | 4.7 | 6.0 | 8.0 | 5.9 | 7.0 | 7.7 | 6.4 | 5.7 | 6.8 | 7.3 | 5.9 |
| 36 | X Dasher 3 | Pickseed | 5.7 | 8.0 | 6.3 | 6.7 | 5.0 | 6.0 | 6.3 | 4.9 | 3.3 | 6.0 | 7.7 | 5.6 | 7.0 | 7.3 | 6.4 | 5.7 | 6.8 | 6.9 | 5.9 |
| 95 | X Headstart 2 | Seed Research of Oregon | 5.7 | 8.0 | 7.0 | 6.7 | 6.0 | 6.0 | 8.3 | 5.2 | 5.0 | 6.0 | 7.3 | 5.5 | 7.0 | 7.0 | 6.2 | 5.7 | 6.8 | 7.4 | 5.9 |
| 23 | X Wind Dance II | Pennington Seed Company | 5.7 | 8.0 | 7.0 | 6.4 | 4.7 | 5.7 | 7.7 | 5.0 | 4.3 | 6.0 | 8.0 | 5.8 | 7.0 | 8.0 | 6.4 | 5.7 | 6.7 | 7.7 | 5.9 |
| 71 | X Dart | Mountain View Seeds | 6.0 | 8.0 | 7.0 | 6.7 | 5.7 | 6.0 | 7.0 | 5.1 | 5.7 | 6.0 | 7.3 | 5.4 | 7.0 | 7.7 | 6.4 | 6.0 | 6.8 | 7.3 | 5.9 |
| 50 | X Fusion | Burlingham Seeds, LLC | 4.3 | 8.0 | 7.0 | 6.3 | 4.7 | 6.0 | 7.7 | 4.6 | 3.7 | 6.0 | 8.3 | 6.1 | 7.0 | 8.0 | 6.6 | 4.3 | 6.8 | 7.8 | 5.9 |
| 16 | L44 | LESCO, Inc. | 5.3 | 7.7 | 7.7 | 6.4 | 5.0 | 6.0 | 7.7 | 5.0 | 4.7 | 6.0 | 8.3 | 5.9 | 7.0 | 7.7 | 6.3 | 5.3 | 6.7 | 7.8 | 5.9 |
| 76 | PS-2 | LESCO, Inc. | 5.7 | 8.0 | 7.0 | 6.4 | 4.7 | 5.7 | 7.7 | 5.2 | 3.3 | 6.0 | 8.3 | 5.8 | 7.0 | 7.3 | 6.1 | 5.7 | 6.7 | 7.6 | 5.9 |
| 73 | X Homerun | Mountain View Seeds | 5.3 | 8.0 | 7.0 | 6.3 | 5.7 | 6.0 | 7.7 | 5.3 | 5.0 | 6.0 | 8.0 | 5.8 | 7.0 | 7.0 | 6.1 | 5.3 | 6.8 | 7.4 | 5.9 |
| 30 | X Revenge GLX | Jacklin Seed/Simplot | 5.7 | 8.0 | 7.3 | 6.3 | 5.3 | 6.3 | 7.3 | 5.2 | 5.0 | 6.0 | 8.0 | 5.8 | 7.0 | 7.3 | 6.2 | 5.7 | 6.8 | 7.5 | 5.9 |
| 100 | X RNS | ProSeeds Marketing | 5.7 | 8.0 | 6.7 | 6.2 | 5.0 | 6.0 | 7.3 | 5.2 | 4.7 | 6.0 | 7.3 | 5.8 | 7.0 | 6.7 | 6.2 | 5.7 | 6.8 | 7.0 | 5.8 |
| 56 | X Overdrive | Burlingham Seeds, LLC | 5.7 | 8.0 | 6.3 | 5.9 | 4.7 | 6.0 | 7.3 | 5.2 | 4.7 | 6.0 | 8.0 | 5.9 | 7.0 | 7.3 | 6.4 | 5.7 | 6.8 | 7.2 | 5.8 |
| 31 | X Monterey 3 | Jacklin Seed/Simplot | 5.7 | 8.0 | 7.0 | 6.5 | 4.7 | 6.0 | 7.3 | 5.2 | 2.7 | 6.0 | 7.7 | 5.5 | 7.0 | 6.7 | 6.0 | 5.7 | 6.8 | 7.2 | 5.8 |
| 44 | X Primary | Columbia Seeds LLC | 5.7 | 8.0 | 7.0 | 6.2 | 5.0 | 5.7 | 7.0 | 5.1 | 3.7 | 6.0 | 8.0 | 5.7 | 7.0 | 7.0 | 6.2 | 5.7 | 6.7 | 7.3 | 5.8 |
| 61 | PST-2AG4 | Pure-Seed Testing, Inc. | 5.0 | 8.0 | 6.7 | 6.3 | 5.0 | 5.7 | 7.7 | 4.8 | 3.7 | 6.0 | 7.7 | 5.8 | 7.0 | 7.3 | 6.2 | 5.0 | 6.7 | 7.3 | 5.8 |
| 62 | X Grand Slam 2 | Mountain View Seeds | 5.3 | 8.0 | 6.3 | 6.3 | 6.0 | 6.0 | 7.0 | 5.0 | 4.3 | 6.0 | 8.0 | 5.8 | 7.0 | 7.7 | 6.0 | 5.3 | 6.8 | 7.3 | 5.8 |
| 52 | X Secretariat II GLSR | Lebanon Seaboard Corp. | 5.3 | 7.7 | 6.7 | 6.2 | 5.0 | 5.7 | 7.0 | 5.1 | 4.3 | 6.0 | 7.3 | 5.5 | 7.0 | 7.3 | 6.2 | 5.3 | 6.6 | 7.1 | 5.8 |
| 119 | X Pianist | DLF-Trifolium A/S | 4.3 | 8.0 | 7.0 | 6.0 | 5.0 | 6.0 | 6.7 | 5.0 | 4.3 | 6.0 | 8.0 | 5.8 | 7.0 | 6.7 | 6.2 | 4.3 | 6.8 | 7.1 | 5.8 |
| 43 | X Keystone 2 | DLF International Seed, Inc. | 6.3 | 8.0 | 6.7 | 6.3 | 4.7 | 5.7 | 6.7 | 5.0 | 3.3 | 6.0 | 7.7 | 5.5 | 7.0 | 7.7 | 6.2 | 6.3 | 6.7 | 7.2 | 5.8 |
| 85 | X Pinnacle II | Barenbrug USA | 5.7 | 8.0 | 7.0 | 6.4 | 4.3 | 6.3 | 7.0 | 5.2 | 4.0 | 6.0 | 7.3 | 5.1 | 7.0 | 7.3 | 6.3 | 5.7 | 6.8 | 7.2 | 5.7 |
| 60 | PST-2MNG | Scotts Turf-Seed | 5.7 | 7.7 | 6.7 | 6.3 | 5.3 | 6.0 | 7.0 | 5.0 | 5.3 | 6.0 | 7.3 | 5.3 | 7.0 | 7.7 | 6.3 | 5.7 | 6.7 | 7.2 | 5.7 |
| 55 | X La Quinta | Jacklin Seed/Simplot | 4.3 | 8.0 | 7.3 | 5.9 | 4.7 | 6.0 | 7.7 | 4.7 | 4.3 | 6.0 | 8.0 | 5.9 | 7.0 | 7.7 | 6.4 | 4.3 | 6.8 | 7.7 | 5.7 |
| 37 | X Zoom | Seed Research of Oregon | 5.7 | 8.0 | 6.3 | 6.1 | 4.7 | 6.0 | 6.7 | 5.0 | 4.7 | 6.0 | 8.0 | 5.7 | 7.3 | 7.0 | 6.1 | 5.7 | 6.8 | 7.0 | 5.7 |
| 74 | DCM | LESCO, Inc. | 5.7 | 7.7 | 7.0 | 6.5 | 4.3 | 6.0 | 6.7 | 4.8 | 3.3 | 6.0 | 7.7 | 5.3 | 7.0 | 7.0 | 6.3 | 5.7 | 6.7 | 7.1 | 5.7 |
| 26 | X Phenom | Ampac Seed Company | 6.7 | 8.0 | 6.7 | 6.8 | 5.3 | 5.7 | 7.0 | 5.1 | 4.7 | 6.0 | 7.3 | 5.0 | 7.0 | 7.3 | 5.8 | 6.7 | 6.7 | 7.1 | 5.7 |
| 78 | RAD-PR8 | Radix Research, Inc. | 6.3 | 8.0 | 6.7 | 6.3 | 4.7 | 5.3 | 7.0 | 5.1 | 4.3 | 6.0 | 7.7 | 5.2 | 7.0 | 7.0 | 6.2 | 6.3 | 6.6 | 7.1 | 5.7 |

2004 NTEP National Perennial Ryegrass Test (Summary 2005-2008)

Location: Pullman, WA. WSU Turfgrass and Agronomy Research Center

Date planted: 5/23/05

Seeding rate: 6.25 lbs/1000 ft²

Turf Maintenance: Mowing ht= 1.0"

N = 5 lbs/1000 ft²/Year

Irrigation: No irrigation or to prevent dormancy

Fungicide use: only when severe stand loss is possible

Weed and insect control: to prevent stand loss

X = Commercially available in 2008

| Entry# | Cultivar | Sponsor | 2005 | | | | 2006 | | | | 2007 | | | | 2008 | | | 2005-2008 | | | |
|--------|-----------------------|-------------------------|-----------------|--------------|---------------|---------|----------------|--------------|---------------|---------|----------------|--------------|---------------|---------|--------------|---------------|---------|----------------|--------------|---------------|---------|
| | | | *Establish-ment | Leaf Texture | Genetic Color | Quality | Spring Greenup | Leaf Texture | Genetic Color | Quality | Spring Greenup | Leaf Texture | Genetic Color | Quality | Leaf Texture | Genetic Color | Quality | Establish-ment | Leaf Texture | Genetic Color | Quality |
| 51 | X Charasmatic II GLSR | Lebanon Seaboard Corp. | 5.3 | 7.3 | 6.3 | 5.8 | 5.3 | 6.0 | 7.0 | 5.2 | 5.7 | 6.0 | 7.0 | 5.7 | 7.0 | 7.3 | 6.1 | 5.3 | 6.6 | 6.9 | 5.7 |
| 93 | X Harrier | Seed Research of Oregon | 5.7 | 8.0 | 7.0 | 6.7 | 5.3 | 6.0 | 6.7 | 4.6 | 5.0 | 6.0 | 7.0 | 5.3 | 7.0 | 6.7 | 6.1 | 5.7 | 6.8 | 6.8 | 5.7 |
| 29 | X Top Gun II | Jacklin Seed/Simplot | 5.7 | 8.0 | 7.0 | 6.1 | 4.7 | 6.0 | 7.3 | 5.0 | 3.3 | 6.0 | 7.7 | 5.3 | 7.0 | 7.3 | 6.3 | 5.7 | 6.8 | 7.3 | 5.7 |
| 91 | SRX 4692 | Seed Research of Oregon | 5.3 | 8.0 | 7.0 | 6.3 | 6.0 | 6.0 | 7.7 | 4.9 | 5.0 | 6.0 | 7.7 | 5.5 | 7.0 | 7.3 | 6.0 | 5.3 | 6.8 | 7.4 | 5.7 |
| 80 | X Citation Fore | Turf-Seed, Inc. | 5.3 | 7.7 | 6.3 | 6.1 | 5.0 | 6.0 | 6.7 | 4.8 | 4.0 | 6.0 | 7.3 | 5.4 | 7.0 | 7.0 | 6.3 | 5.3 | 6.7 | 6.8 | 5.6 |
| 54 | X Goalkeeper II | Jacklin Seed/Simplot | 5.0 | 8.0 | 7.0 | 5.8 | 3.3 | 6.0 | 7.0 | 5.0 | 2.7 | 6.0 | 7.3 | 5.4 | 7.0 | 7.7 | 6.3 | 5.0 | 6.8 | 7.3 | 5.6 |
| 75 | AF | LESCO, Inc. | 5.3 | 8.0 | 7.0 | 6.3 | 5.0 | 6.0 | 7.0 | 4.6 | 5.0 | 6.0 | 7.3 | 5.6 | 7.0 | 7.0 | 6.0 | 5.3 | 6.8 | 7.1 | 5.6 |
| 87 | BAR Lp 4317 | Barenbrug USA | 5.3 | 8.0 | 6.3 | 6.2 | 4.3 | 6.0 | 7.0 | 5.0 | 4.7 | 6.0 | 7.3 | 5.3 | 6.7 | 7.3 | 6.0 | 5.3 | 6.7 | 7.0 | 5.6 |
| 97 | X Repell GLS | ProSeeds Marketing | 6.0 | 8.0 | 6.7 | 6.4 | 5.0 | 6.0 | 6.7 | 4.8 | 4.3 | 6.0 | 7.0 | 5.1 | 7.0 | 6.3 | 6.1 | 6.0 | 6.8 | 6.7 | 5.6 |
| 58 | X Manhattan 5 GLR | Pure-Seed Testing, Inc. | 5.3 | 8.0 | 6.7 | 6.0 | 5.0 | 5.7 | 7.0 | 5.0 | 4.3 | 6.0 | 7.3 | 5.3 | 7.0 | 6.7 | 6.0 | 5.3 | 6.7 | 6.9 | 5.6 |
| 65 | O4-BRE | Oregro Seed, Inc | 5.0 | 8.0 | 6.3 | 5.9 | 5.0 | 6.0 | 7.0 | 4.6 | 4.3 | 6.0 | 7.7 | 5.5 | 7.0 | 7.0 | 6.1 | 5.0 | 6.8 | 7.0 | 5.5 |
| 98 | X Panther GLS | ProSeeds Marketing | 5.3 | 8.0 | 6.7 | 6.1 | 5.3 | 6.0 | 7.0 | 4.9 | 5.3 | 6.0 | 7.7 | 5.4 | 7.0 | 6.7 | 5.7 | 5.3 | 6.8 | 7.0 | 5.5 |
| 107 | D04-UP | The Scotts Company | 6.0 | 8.0 | 7.0 | 6.5 | 5.0 | 6.0 | 7.0 | 4.8 | 5.7 | 6.0 | 7.7 | 5.2 | 7.0 | 7.0 | 5.6 | 6.0 | 6.8 | 7.2 | 5.5 |
| 59 | PST-2BLK | Pure-Seed Testing, Inc. | 5.0 | 7.3 | 6.3 | 5.9 | 4.0 | 6.0 | 7.3 | 4.9 | 2.0 | 5.7 | 7.7 | 5.5 | 7.0 | 7.0 | 5.6 | 5.0 | 6.5 | 7.1 | 5.5 |
| 105 | E-99 | Ultra-Turf | 5.7 | 8.0 | 6.7 | 5.8 | 4.7 | 6.0 | 6.3 | 5.0 | 5.7 | 6.0 | 7.7 | 5.0 | 7.0 | 6.7 | 6.0 | 5.7 | 6.8 | 6.8 | 5.5 |
| 64 | O4-BEN | Oregro Seed, Inc | 4.7 | 8.0 | 6.7 | 5.9 | 4.7 | 6.0 | 6.7 | 4.8 | 3.7 | 6.0 | 6.7 | 5.2 | 7.0 | 6.7 | 5.8 | 4.7 | 6.8 | 6.7 | 5.4 |
| 28 | X Accent II | Jacklin Seed/Simplot | 5.3 | 8.0 | 6.7 | 5.9 | 4.0 | 5.7 | 6.3 | 5.0 | 3.3 | 6.0 | 7.3 | 5.2 | 7.0 | 6.7 | 5.6 | 5.3 | 6.7 | 6.7 | 5.4 |
| 86 | X Barlennium | Barenbrug USA | 6.0 | 8.0 | 6.3 | 6.3 | 5.3 | 6.0 | 7.0 | 5.0 | 5.0 | 6.0 | 6.7 | 5.1 | 7.0 | 6.7 | 5.3 | 6.0 | 6.8 | 6.7 | 5.4 |
| 110 | X Inspire | The Scotts Company | 6.3 | 8.0 | 6.0 | 6.0 | 5.0 | 6.0 | 7.0 | 4.9 | 5.0 | 6.0 | 7.0 | 5.3 | 7.0 | 6.3 | 5.5 | 6.3 | 6.8 | 6.6 | 5.4 |
| 111 | X Pentium | The Scotts Company | 6.0 | 7.7 | 6.3 | 6.0 | 5.0 | 6.0 | 6.7 | 5.0 | 4.7 | 6.0 | 7.0 | 5.0 | 7.0 | 6.7 | 5.7 | 6.0 | 6.7 | 6.7 | 5.4 |
| 113 | APR 1670 | Lewis Seed Co. | 4.7 | 8.0 | 7.0 | 6.2 | 4.7 | 6.0 | 6.7 | 4.6 | 4.0 | 5.3 | 7.0 | 4.9 | 7.0 | 7.0 | 5.8 | 4.7 | 6.6 | 6.9 | 5.4 |
| 57 | PST-217 | Pure-Seed Testing, Inc. | 5.3 | 8.0 | 6.7 | 5.9 | 4.0 | 6.0 | 7.0 | 4.4 | 3.0 | 6.0 | 7.3 | 5.4 | 7.0 | 6.7 | 5.7 | 5.3 | 6.8 | 6.9 | 5.3 |
| 77 | X Palmer III | Standard Entry | 4.3 | 8.0 | 6.7 | 6.1 | 4.3 | 6.0 | 6.0 | 4.6 | 4.3 | 6.0 | 7.0 | 4.8 | 7.0 | 6.7 | 5.6 | 4.3 | 6.8 | 6.6 | 5.3 |
| 63 | PST-2LAN | Scotts Turf-Seed | 6.0 | 8.0 | 6.0 | 5.9 | 4.3 | 5.7 | 6.0 | 4.7 | 3.0 | 6.0 | 7.0 | 5.0 | 7.0 | 6.0 | 5.4 | 6.0 | 6.7 | 6.3 | 5.2 |
| 79 | X Brightstar SLT | Turf-Seed, Inc. | 5.7 | 8.0 | 6.3 | 5.8 | 3.3 | 6.0 | 6.3 | 4.5 | 2.7 | 6.0 | 7.0 | 5.0 | 7.0 | 7.0 | 5.6 | 5.7 | 6.8 | 6.7 | 5.2 |
| 53 | X Caddieshack II | Jacklin Seed/Simplot | 5.0 | 8.0 | 6.0 | 5.5 | 4.0 | 6.0 | 6.7 | 4.4 | 3.3 | 6.0 | 7.3 | 5.0 | 7.0 | 6.7 | 5.7 | 5.0 | 6.8 | 6.7 | 5.2 |
| 90 | SRX 4682 | Seed Research of Oregon | 5.7 | 7.3 | 6.7 | 6.2 | 5.7 | 5.7 | 7.0 | 4.6 | 3.7 | 6.0 | 6.7 | 4.6 | 7.0 | 6.0 | 5.2 | 5.7 | 6.5 | 6.6 | 5.1 |
| 84 | X Premier II | Barenbrug USA | 6.0 | 7.7 | 6.3 | 5.9 | 4.7 | 6.0 | 6.3 | 4.5 | 4.7 | 6.0 | 6.3 | 4.6 | 7.0 | 6.7 | 5.5 | 6.0 | 6.7 | 6.4 | 5.1 |
| 120 | DP 17-9788 | DLF-Trifolium A/S | 5.3 | 7.7 | 6.3 | 5.9 | 4.7 | 6.0 | 6.0 | 4.4 | 3.7 | 6.0 | 5.7 | 4.6 | 7.0 | 6.3 | 5.5 | 5.3 | 6.7 | 6.1 | 5.1 |
| 2 | X Panther | Standard Entry | 6.7 | 8.0 | 6.0 | 5.5 | 6.0 | 6.0 | 6.0 | 4.6 | 4.7 | 6.0 | 5.3 | 4.0 | 7.0 | 5.3 | 4.8 | 6.7 | 6.8 | 5.7 | 4.7 |
| 1 | LPR 02203 | Euro Grass Breeding | 6.0 | 8.0 | 6.0 | 5.3 | 4.3 | 5.7 | 5.3 | 4.0 | 2.7 | 6.0 | 5.0 | 4.0 | 6.0 | 5.3 | 4.7 | 6.0 | 6.4 | 5.4 | 4.5 |
| 5 | X Affinity | Turf Merchants, Inc. | 6.3 | 7.7 | 5.7 | 5.2 | 4.3 | 6.0 | 5.3 | 3.9 | 5.0 | 6.0 | 4.7 | 3.7 | 6.3 | 5.0 | 4.6 | 6.3 | 6.5 | 5.2 | 4.3 |
| 114 | X Premier | Standard Entry | 5.7 | 7.3 | 4.7 | 4.9 | 5.0 | 5.7 | 4.0 | 4.0 | 5.0 | 6.0 | 4.3 | 3.6 | 7.0 | 5.0 | 4.4 | 5.7 | 6.5 | 4.5 | 4.2 |
| 115 | X Pinnacle | Standard Entry | 5.0 | 7.0 | 4.7 | 4.9 | 5.0 | 5.0 | 5.3 | 3.8 | 6.3 | 5.3 | 4.7 | 3.9 | 6.3 | 4.7 | 4.2 | 5.0 | 5.9 | 4.8 | 4.2 |
| 116 | X Linn | Standard Entry | 6.7 | 6.7 | 2.0 | 2.7 | 2.3 | 3.7 | 3.0 | 2.0 | 5.0 | 5.0 | 4.0 | 2.6 | 5.0 | 3.0 | 2.2 | 6.7 | 5.1 | 3.0 | 2.4 |
| 3 | Manhattan II | Standard Entry | | | | | | | | | | | | | | | | | | | |

*Establishment is a visual estimate, taken 4 weeks after planting, of percent ground cover, plant height, etc. that reflects the relative speed entry develops mature sod. Rated 1-9: 9 = maximum (complete ground cover).

**Leaf texture reflects the relative width of the genotypes leaf blades. Rated 1-9: 9 = fine.

***Genetic color reflects the inherent color of the genotype, not chlorosis or browning caused by mower damage, disease, etc. Taken when grass is not under stress. Rated 1-9: 9 = dark green.

****Quality is a visual estimate integrating all factors of turfgrass quality (color, density, leaf texture, disease resistance, etc.). Rated 1-9: 9 = excellent.

*****Spring greenup is the relative rate of breaking winter dormancy. Rated 1-9: 1 = dormant.