



*Cooperative Turfgrass Breeders Test*



## **2009 Report**

Please visit our website for more trial information: [www.ctbt-us.info](http://www.ctbt-us.info)

# Table of Contents

| <u>Location</u>                            | <u>Trials</u>                               |
|--|---|
| <b>California</b><br><i>Camarillo</i>      | 2007 Perennial Ryegrass                     |
| <b>Illinois</b><br><i>Urbana</i>           | 2007 Perennial Ryegrass                     |
| <b>Kentucky</b><br><i>Berry</i>            | 2007 Perennial Ryegrass                     |
| <b>New Jersey</b><br><i>Adelphi</i>        | 2006 Fine Fescue<br>2007 Perennial Ryegrass |
| <b>New Jersey</b><br><i>Salem</i>          | 2007 Perennial Ryegrass                     |
| <b>North Carolina</b><br><i>Rolesville</i> | 2007 Perennial Ryegrass                     |
| <b>Tennessee</b><br><i>Knoxville</i>       | 2007 Perennial Ryegrass                     |
| <b>Virginia</b><br><i>Blacksburg</i>       | 2007 Perennial Ryegrass                     |
| <b>Washington</b><br><i>Puyallup</i>       | 2007 Perennial Ryegrass                     |



CTBT: 2007 Trial  
 Perennial Ryegrass Turf Trial  
 Location: Camarillo, California  
 Cooperator: Earl Slack

**2009 Data**

| SPONSOR | CULTIVAR              | Subjective Ratings        |                                |
|---------|-----------------------|---------------------------|--------------------------------|
|         |                       | Average Turf Quality 2009 | Average Turf Quality 2008-2009 |
| PSG     | 04-10 Lp              | 6.33                      | 6.43                           |
| PSG     | Zoom                  | 6.67                      | 6.40                           |
| Rutgers | GL-31                 | 6.60                      | 6.33                           |
| NexGen  | APR2032               | 6.03                      | 6.10                           |
| Rutgers | Pizzazz               | 6.60                      | 6.10                           |
| DLF-IS  | IS-PR 411             | 6.53                      | 6.10                           |
| DLF-IS  | IS-PR 377             | 6.13                      | 6.10                           |
| Rutgers | Soprano               | 6.30                      | 6.00                           |
| PSG     | 06-B Lp               | 6.10                      | 6.00                           |
| DLF-IS  | IS-PR 342             | 6.03                      | 6.00                           |
| PSG     | 06-C Lp EDB           | 6.27                      | 5.97                           |
| PST     | PST-2MAGS             | 5.77                      | 5.97                           |
| DLF-IS  | All*Star 3            | 5.77                      | 5.97                           |
| PST     | PST-21N4              | 5.97                      | 5.93                           |
| Rutgers | LineDrive GLS         | 6.27                      | 5.87                           |
| PST     | PST-2USD              | 6.27                      | 5.87                           |
| PST     | Silver Dollar         | 6.10                      | 5.87                           |
| NexGen  | APR2089               | 6.37                      | 5.83                           |
| PST     | PST-2MG7 Bulk         | 5.93                      | 5.83                           |
| DLF-IS  | IS-PR 409             | 5.87                      | 5.83                           |
| NexGen  | APR2096               | 5.77                      | 5.80                           |
| PSG     | 06-K Lp               | 5.77                      | 5.80                           |
| PSG     | 06-I Lp               | 5.87                      | 5.80                           |
| NexGen  | APR2013               | 5.53                      | 5.77                           |
| PSG     | A01PR Bulk            | 5.93                      | 5.77                           |
| NexGen  | APR2035               | 5.83                      | 5.73                           |
| DLF-IS  | IS-PR 344             | 5.87                      | 5.73                           |
| DLF-IS  | IS-PR 340             | 5.97                      | 5.73                           |
| NexGen  | APR2036               | 5.97                      | 5.70                           |
| NexGen  | Applaud               | 6.13                      | 5.70                           |
| PST     | PST-Syn-204D          | 6.10                      | 5.70                           |
| PST     | PST-2TQL              | 5.77                      | 5.70                           |
| DLF-IS  | IS-PR 382             | 6.03                      | 5.70                           |
| NexGen  | APR2037               | 5.60                      | 5.67                           |
| PSG     | MD-07                 | 5.93                      | 5.67                           |
| PST     | PST-Syn-2US7          | 5.83                      | 5.67                           |
| NexGen  | APR1979               | 5.77                      | 5.63                           |
| PSG     | 05-SP-I               | 5.77                      | 5.63                           |
| Rutgers | Palmer V              | 5.37                      | 5.60                           |
| PSG     | 04-18 Lp              | 5.67                      | 5.60                           |
| DLF-IS  | IS-PR 313             | 5.63                      | 5.60                           |
| PSG     | 04-4 Lp               | 5.60                      | 5.57                           |
| PST     | PST-2NKM              | 6.03                      | 5.57                           |
| DLF-IS  | IS-PR 410             | 5.27                      | 5.57                           |
| NexGen  | APR1980               | 5.27                      | 5.53                           |
| Rutgers | HP-1                  | 5.87                      | 5.53                           |
| Rutgers | APR1666               | 5.60                      | 5.50                           |
| PST     | Gray Goose (PST-2J15) | 5.87                      | 5.50                           |
| NexGen  | APR2026               | 5.77                      | 5.47                           |
| PSG     | Dasher 3              | 5.20                      | 5.47                           |
| PSG     | 06-H Lp               | 5.80                      | 5.47                           |
| PST     | PST-2101-07           | 5.53                      | 5.47                           |
| NexGen  | APR2090               | 5.77                      | 5.43                           |
| NexGen  | APR2033               | 5.53                      | 5.43                           |
| DLF-IS  | IS-PR 378             | 5.60                      | 5.43                           |
| DLF-IS  | IS-PR 381             | 5.30                      | 5.43                           |
| NexGen  | APR2031               | 5.00                      | 5.40                           |

| SPONSOR | CULTIVAR             | Subjective Ratings        |                                |
|---------|----------------------|---------------------------|--------------------------------|
|         |                      | Average Turf Quality 2009 | Average Turf Quality 2008-2009 |
| PST     | Gray Fox (PST-2MNG)  | 5.53                      | 5.40                           |
| PSG     | PM 102               | 5.53                      | 5.37                           |
| PST     | PST-Syn-2R57         | 5.70                      | 5.37                           |
| PST     | PST-2NKMS            | 5.80                      | 5.37                           |
| PST     | PST-2R9R-05          | 5.80                      | 5.37                           |
| PST     | PST-2SNS             | 5.60                      | 5.33                           |
| NexGen  | APR2025              | 4.87                      | 5.30                           |
| NexGen  | APR2038              | 5.67                      | 5.30                           |
| PSG     | Seville 3 (GL3)      | 5.27                      | 5.30                           |
| PSG     | Calypso III          | 5.03                      | 5.30                           |
| PST     | PST-2R57S Bulk       | 5.70                      | 5.30                           |
| DLF-IS  | IS-PR 341            | 5.03                      | 5.30                           |
| Rutgers | Paragon GLR          | 5.27                      | 5.27                           |
| PST     | PST-2AG4             | 4.60                      | 5.27                           |
| Rutgers | Jet                  | 5.93                      | 5.23                           |
| Rutgers | 1GSquared            | 5.03                      | 5.23                           |
| NexGen  | APR2064              | 4.77                      | 5.20                           |
| PSG     | 06-C Lp ACF          | 5.03                      | 5.20                           |
| NexGen  | APR1959              | 5.10                      | 5.17                           |
| PST     | PST-2GSB             | 5.03                      | 5.13                           |
| PST     | Manhattan 5 GLR      | 4.93                      | 5.10                           |
| NexGen  | APR1977              | 5.53                      | 5.07                           |
| PST     | PST-2MAX-07          | 5.53                      | 5.03                           |
| NexGen  | APR2075              | 5.10                      | 5.00                           |
| Rutgers | Prelude IV           | 5.10                      | 5.00                           |
| DLF-IS  | MBH2                 | 5.87                      | 5.00                           |
| PST     | PST-Syn-2GR7         | 4.77                      | 4.97                           |
| PSG     | SR 4600              | 5.10                      | 4.93                           |
| PST     | PST-2COL             | 4.43                      | 4.90                           |
| Rutgers | HU-1                 | 4.83                      | 4.87                           |
| PSG     | Express II (Pick EJ) | 4.10                      | 4.87                           |
| PSG     | 06-N Lp              | 4.77                      | 4.80                           |
| PSG     | 06-J Lp              | 4.43                      | 4.80                           |
| NexGen  | APR1978              | 4.93                      | 4.77                           |
| NexGen  | APR2024              | 4.60                      | 4.77                           |
| PST     | PST-2TSE             | 5.10                      | 4.77                           |
| NexGen  | Applaud II           | 4.53                      | 4.73                           |
| Rutgers | Protege GLR          | 4.10                      | 4.73                           |
| PST     | Plateau (PST-2LAN)   | 4.70                      | 4.73                           |
| NexGen  | Cutter               | 5.10                      | 4.70                           |
| NexGen  | APR2034              | 4.10                      | 4.60                           |
| PSG     | Penguin 2            | 5.10                      | 4.60                           |
| Rutgers | Integra II           | 4.03                      | 4.57                           |
| NexGen  | APR1965              | 4.93                      | 4.53                           |
| PSG     | SR 45 AB             | 5.27                      | 4.53                           |
| PSG     | 06-Z Lp              | 4.80                      | 4.50                           |
| PSG     | SRX 4TPCS            | 4.60                      | 4.20                           |
| DLF-IS  | Manhattan II         | 4.60                      | 3.77                           |
|         | CV                   | 15.07                     | 9.49                           |
|         | LSD                  | 1.12                      | 0.69                           |
|         | GRAND MEAN           | 5.49                      | 5.40                           |
|         | MIN. MEAN            | 4.03                      | 3.77                           |
|         | MAX. MEAN            | 6.67                      | 6.43                           |

Average Turf Quality 2009 = 1-9; 9=Best (4 ratings)  
 Average Turf Quality 2008-2009 = 1-9; 9=Best (7 ratings, 2 years of data)



CTBT: 2007 Trial  
 Perennial Ryegrass Turf Trial  
 Location: Urbana, Illinois  
 Cooperator: Dr. Tom Ferriani

2009 Data

| SPONSOR | CULTIVAR              | Subjective Ratings |            |                    |                           |                         |                                |
|---------|-----------------------|--------------------|------------|--------------------|---------------------------|-------------------------|--------------------------------|
|         |                       | Cover              | Red Thread | Percent Poa Annuua | Average Turf Quality 2009 | Average Cover 2008-2009 | Average Turf Quality 2008-2009 |
| NexGen  | APR2096               | 94.33              | 8.33       | 23.33              | 6.27                      | 87.83                   | 6.57                           |
| DLF-IS  | IS-PR 341             | 94.33              | 9.00       | 55.00              | 6.30                      | 92.17                   | 6.47                           |
| DLF-IS  | IS-PR 382             | 98.33              | 9.00       | 56.67              | 6.37                      | 89.17                   | 6.47                           |
| NexGen  | APR2025               | 99.00              | 8.33       | 31.67              | 6.33                      | 96.83                   | 6.43                           |
| Rutgers | Palmer V              | 99.00              | 8.67       | 43.33              | 6.07                      | 92.50                   | 6.40                           |
| PST     | PST-2MG7 Bulk         | 97.33              | 8.00       | 18.33              | 6.17                      | 95.83                   | 6.37                           |
| PST     | PST-2101-07           | 97.67              | 9.00       | 50.00              | 6.13                      | 95.50                   | 6.37                           |
| NexGen  | APR2036               | 96.00              | 7.00       | 18.33              | 6.17                      | 93.67                   | 6.33                           |
| PSG     | A01PR Bulk            | 99.00              | 9.00       | 55.00              | 5.97                      | 95.17                   | 6.33                           |
| DLF-IS  | IS-PR 411             | 98.33              | 9.00       | 60.00              | 6.20                      | 96.50                   | 6.33                           |
| NexGen  | APR1980               | 94.67              | 8.33       | 46.67              | 6.27                      | 79.00                   | 6.30                           |
| NexGen  | APR2013               | 98.67              | 8.00       | 30.00              | 6.00                      | 96.50                   | 6.30                           |
| NexGen  | APR2034               | 95.00              | 8.67       | 25.00              | 6.07                      | 88.17                   | 6.30                           |
| PSG     | 05-SP-1               | 94.67              | 8.67       | 50.00              | 6.00                      | 95.17                   | 6.30                           |
| NexGen  | APR1959               | 99.00              | 8.33       | 25.00              | 6.13                      | 91.33                   | 6.30                           |
| NexGen  | APR2032               | 94.33              | 8.33       | 23.33              | 6.10                      | 87.17                   | 6.27                           |
| NexGen  | APR2037               | 98.67              | 8.67       | 40.00              | 6.00                      | 91.00                   | 6.27                           |
| PST     | PST-2TQL              | 99.00              | 7.00       | 16.67              | 6.23                      | 90.17                   | 6.27                           |
| DLF-IS  | IS-PR 410             | 96.00              | 8.00       | 16.67              | 6.10                      | 83.83                   | 6.27                           |
| NexGen  | Applaud               | 99.00              | 9.00       | 48.33              | 6.03                      | 92.83                   | 6.23                           |
| Rutgers | Pizzazz               | 96.00              | 8.33       | 51.67              | 6.07                      | 89.50                   | 6.23                           |
| PSG     | Zoom                  | 98.67              | 8.67       | 28.33              | 5.87                      | 96.00                   | 6.23                           |
| PST     | Manhattan 5 GLR       | 95.33              | 8.67       | 35.00              | 6.10                      | 85.83                   | 6.23                           |
| PST     | PST-2NKM              | 99.00              | 7.67       | 5.00               | 6.00                      | 86.17                   | 6.23                           |
| PST     | PST-2MAGS             | 95.67              | 9.00       | 55.00              | 5.93                      | 88.67                   | 6.23                           |
| DLF-IS  | IS-PR 340             | 90.67              | 8.00       | 8.33               | 6.07                      | 83.67                   | 6.23                           |
| NexGen  | APR2033               | 98.00              | 7.67       | 21.67              | 6.13                      | 93.83                   | 6.20                           |
| PSG     | Dasher 3              | 94.00              | 9.00       | 60.00              | 6.07                      | 82.00                   | 6.20                           |
| PST     | PST-2AG4              | 95.33              | 8.33       | 55.00              | 6.00                      | 81.83                   | 6.20                           |
| PST     | PST-2R9R-05           | 97.67              | 7.67       | 33.33              | 5.93                      | 96.17                   | 6.20                           |
| DLF-IS  | IS-PR 409             | 94.33              | 8.67       | 33.33              | 6.07                      | 81.33                   | 6.20                           |
| NexGen  | APR2090               | 97.33              | 8.00       | 31.67              | 6.17                      | 94.33                   | 6.17                           |
| NexGen  | APR2035               | 97.67              | 8.00       | 40.00              | 6.17                      | 94.33                   | 6.17                           |
| Rutgers | Soprano               | 95.00              | 8.00       | 38.33              | 6.00                      | 93.17                   | 6.17                           |
| Rutgers | 1GSquared             | 97.67              | 8.67       | 28.33              | 6.00                      | 91.17                   | 6.17                           |
| PST     | PST-Syn-2R57          | 97.67              | 8.67       | 51.67              | 6.17                      | 78.83                   | 6.17                           |
| PST     | PST-Syn-204D          | 92.00              | 8.67       | 48.33              | 6.00                      | 92.50                   | 6.17                           |
| PST     | PST-2USD              | 87.67              | 7.33       | 11.67              | 6.03                      | 85.33                   | 6.17                           |
| PST     | Silver Dollar         | 96.00              | 8.00       | 15.00              | 5.93                      | 96.17                   | 6.17                           |
| DLF-IS  | IS-PR 381             | 99.00              | 7.00       | 8.33               | 5.83                      | 92.67                   | 6.17                           |
| NexGen  | APR2089               | 96.00              | 8.33       | 28.33              | 6.07                      | 81.33                   | 6.13                           |
| NexGen  | APR1979               | 96.00              | 8.67       | 33.33              | 6.00                      | 80.50                   | 6.13                           |
| NexGen  | APR2024               | 92.00              | 8.33       | 38.33              | 5.83                      | 90.17                   | 6.13                           |
| Rutgers | HU-1                  | 97.00              | 9.00       | 45.00              | 6.07                      | 86.83                   | 6.13                           |
| Rutgers | Protege GLR           | 97.67              | 9.00       | 45.00              | 5.97                      | 92.83                   | 6.13                           |
| Rutgers | Paragon GLR           | 97.67              | 7.67       | 28.33              | 5.90                      | 86.33                   | 6.13                           |
| PSG     | Seville 3 (GL3)       | 93.00              | 9.00       | 35.00              | 5.97                      | 88.83                   | 6.13                           |
| PSG     | Express II (Pick EJ)  | 99.00              | 8.67       | 38.33              | 5.83                      | 97.50                   | 6.13                           |
| PSG     | 04-10 Lp              | 93.33              | 8.67       | 40.00              | 5.93                      | 84.17                   | 6.13                           |
| PST     | PST-Syn-2US7          | 97.67              | 8.67       | 46.67              | 6.07                      | 83.83                   | 6.13                           |
| DLF-IS  | IS-PR 344             | 93.33              | 8.67       | 55.00              | 6.00                      | 83.17                   | 6.13                           |
| DLF-IS  | All*Star 3            | 83.00              | 8.33       | 13.33              | 5.93                      | 76.50                   | 6.13                           |
| Rutgers | GL-31                 | 91.00              | 8.00       | 13.33              | 6.00                      | 84.50                   | 6.10                           |
| Rutgers | HP-1                  | 96.33              | 8.67       | 18.33              | 5.83                      | 93.67                   | 6.10                           |
| PST     | Gray Goose (PST-2J15) | 94.67              | 8.67       | 26.67              | 6.07                      | 85.50                   | 6.10                           |
| DLF-IS  | IS-PR 342             | 96.00              | 7.33       | 21.67              | 5.67                      | 90.33                   | 6.10                           |

| SPONSOR    | CULTIVAR            | Subjective Ratings |            |                    |                           |                         |                                |
|------------|---------------------|--------------------|------------|--------------------|---------------------------|-------------------------|--------------------------------|
|            |                     | Cover              | Red Thread | Percent Poa Annuua | Average Turf Quality 2009 | Average Cover 2008-2009 | Average Turf Quality 2008-2009 |
| NexGen     | APR1978             | 99.00              | 8.67       | 13.33              | 5.80                      | 99.00                   | 6.07                           |
| NexGen     | APR2026             | 96.33              | 8.67       | 36.67              | 6.03                      | 88.00                   | 6.07                           |
| NexGen     | APR2031             | 96.67              | 7.33       | 15.00              | 6.10                      | 81.50                   | 6.07                           |
| NexGen     | APR2038             | 98.00              | 8.00       | 3.33               | 5.87                      | 89.67                   | 6.07                           |
| Rutgers    | Integra II          | 97.67              | 8.67       | 31.67              | 5.97                      | 84.67                   | 6.07                           |
| NexGen     | APR1965             | 89.67              | 7.67       | 21.67              | 6.03                      | 83.00                   | 6.07                           |
| PSG        | 06-C Lp ACF         | 98.33              | 8.00       | 23.33              | 5.90                      | 92.33                   | 6.07                           |
| PSG        | MD-07               | 99.00              | 8.67       | 46.67              | 5.80                      | 85.33                   | 6.07                           |
| PST        | PST-2COL            | 93.00              | 8.00       | 41.67              | 5.90                      | 83.83                   | 6.07                           |
| PST        | PST-2NKMS           | 94.00              | 8.33       | 26.67              | 5.93                      | 87.67                   | 6.07                           |
| DLF-IS     | IS-PR 377           | 96.33              | 9.00       | 25.00              | 6.00                      | 85.50                   | 6.07                           |
| NexGen     | APR1977             | 99.00              | 7.67       | 6.67               | 5.77                      | 97.67                   | 6.03                           |
| NexGen     | Applaud II          | 95.67              | 8.67       | 43.33              | 5.93                      | 85.33                   | 6.03                           |
| Rutgers    | LineDrive GLS       | 90.67              | 8.33       | 28.33              | 6.07                      | 82.00                   | 6.03                           |
| Rutgers    | Prelude IV          | 94.67              | 8.67       | 21.67              | 5.77                      | 78.17                   | 6.03                           |
| PSG        | PM 102              | 98.67              | 7.67       | 38.33              | 5.67                      | 91.67                   | 6.03                           |
| PSG        | 06-H Lp             | 97.67              | 7.67       | 33.33              | 5.83                      | 87.00                   | 6.03                           |
| PST        | PST-2TSE            | 98.33              | 8.67       | 10.00              | 6.03                      | 94.83                   | 6.03                           |
| PST        | Gray Fox (PST-2MNG) | 98.33              | 9.00       | 33.33              | 5.90                      | 89.83                   | 6.03                           |
| Rutgers    | Jet                 | 99.00              | 8.33       | 38.33              | 5.90                      | 86.50                   | 6.00                           |
| Rutgers    | APR1666             | 95.33              | 7.00       | 5.00               | 5.93                      | 91.67                   | 5.97                           |
| PSG        | 06-I Lp             | 96.33              | 8.33       | 65.00              | 5.83                      | 87.33                   | 5.97                           |
| PSG        | 06-N Lp             | 94.33              | 9.00       | 51.67              | 5.90                      | 82.17                   | 5.97                           |
| PSG        | 06-B Lp             | 90.33              | 8.33       | 18.33              | 5.83                      | 76.83                   | 5.97                           |
| PST        | PST-2R57S Bulk      | 93.00              | 7.33       | 23.33              | 5.90                      | 88.00                   | 5.97                           |
| PST        | PST-2SNS            | 96.33              | 9.00       | 73.33              | 5.97                      | 86.50                   | 5.97                           |
| DLF-IS     | IS-PR 378           | 84.67              | 9.00       | 26.67              | 5.77                      | 78.17                   | 5.97                           |
| NexGen     | APR2064             | 97.00              | 8.67       | 43.33              | 6.07                      | 91.00                   | 5.93                           |
| PSG        | 06-K Lp             | 91.33              | 8.67       | 60.00              | 5.83                      | 83.00                   | 5.93                           |
| PSG        | 06-C Lp EDB         | 94.33              | 8.00       | 26.67              | 5.57                      | 89.50                   | 5.93                           |
| PSG        | 06-J Lp             | 97.33              | 7.67       | 53.33              | 5.60                      | 84.50                   | 5.93                           |
| DLF-IS     | IS-PR 313           | 89.67              | 8.00       | 20.00              | 5.87                      | 79.67                   | 5.93                           |
| NexGen     | APR2075             | 92.33              | 8.33       | 3.33               | 5.90                      | 89.33                   | 5.87                           |
| PSG        | 04-4 Lp             | 93.67              | 7.33       | 21.67              | 5.33                      | 86.83                   | 5.87                           |
| PSG        | 04-18 Lp            | 86.67              | 8.00       | 38.33              | 5.60                      | 84.17                   | 5.87                           |
| PST        | Plateau (PST-2LAN)  | 90.67              | 8.00       | 11.67              | 5.83                      | 85.17                   | 5.87                           |
| PST        | PST-2GSB            | 96.00              | 8.33       | 25.00              | 5.80                      | 78.00                   | 5.87                           |
| PST        | PST-2MAX-07         | 96.67              | 8.33       | 36.67              | 5.80                      | 89.83                   | 5.87                           |
| PSG        | SR 4600             | 90.33              | 6.67       | 30.00              | 5.70                      | 80.17                   | 5.83                           |
| PSG        | 06-Z Lp             | 96.00              | 8.00       | 21.67              | 5.67                      | 94.33                   | 5.83                           |
| PST        | PST-21N4            | 94.33              | 7.67       | 31.67              | 5.60                      | 82.17                   | 5.83                           |
| PSG        | SRX 4TPCS           | 96.33              | 9.00       | 36.67              | 6.03                      | 89.00                   | 5.80                           |
| DLF-IS     | MBH2                | 93.00              | 8.33       | 16.67              | 5.83                      | 85.50                   | 5.77                           |
| PSG        | Penguin 2           | 92.67              | 8.33       | 51.67              | 5.70                      | 77.17                   | 5.73                           |
| PSG        | Calypso III         | 94.33              | 8.33       | 30.00              | 5.43                      | 87.17                   | 5.63                           |
| PST        | PST-Syn-2GR7        | 83.67              | 8.33       | 36.67              | 5.50                      | 69.33                   | 5.63                           |
| PSG        | SR 45 AB            | 94.67              | 7.00       | 6.67               | 5.30                      | 93.00                   | 5.57                           |
| NexGen     | Cutter              | 98.33              | 8.33       | 40.00              | 5.43                      | 91.50                   | 5.43                           |
| DLF-IS     | Manhattan II        | 99.00              | 8.33       | 41.67              | 5.17                      | 89.50                   | 5.17                           |
| CV         |                     | 6.73               | 12.34      | 76.48              | 4.44                      | 11.40                   | 3.60                           |
| LSD        |                     | 8.65               | 1.38       | 33.46              | 0.36                      | 13.50                   | 0.30                           |
| GRAND MEAN |                     | 95.33              | 8.28       | 32.43              | 5.93                      | 87.85                   | 6.08                           |
| MIN. MEAN  |                     | 83.00              | 9.67       | 3.33               | 5.17                      | 69.33                   | 5.17                           |
| MAX. MEAN  |                     | 99.00              | 6.00       | 73.33              | 6.37                      | 99.00                   | 6.57                           |

Cover = 1-100; 100=Complete Cover

Red Thread = 1-9; 9=Most Resistant

Percent Poa Annuua = 1-100; 0=No Poa Annuua

Average Turf Quality 2009 = 1-9; 9=Best (6 ratings)

Average Cover 2008-2009 = 1-100; 100=Complete Cover (2 ratings, 2 years of data)

Average Turf Quality 2008-2009 = 1-9; 9=Best (13 ratings, 2 years of data)



CTBT: 2007 Trial  
 Perennial Ryegrass Turf Trial  
 Location: Berry, Kentucky  
 Cooperator: Steve Reid

2009 Data

| SPONSOR | CULTIVAR              | Subjective Ratings   |                             |                           |                     |                       |                                |
|---------|-----------------------|----------------------|-----------------------------|---------------------------|---------------------|-----------------------|--------------------------------|
|         |                       | Average Winter Color | Average Winter Turf Quality | Average Turf Quality 2009 | Average Brown Patch | Average Genetic Color | Average Turf Quality 2008-2009 |
| DLF-IS  | IS-PR 409             | 5.00                 | 5.83                        | 5.43                      | 7.23                | 5.83                  | 5.97                           |
| Rutgers | GL-31                 | 5.00                 | 5.83                        | 5.67                      | 7.30                | 5.33                  | 5.80                           |
| NexGen  | Applaud II            | 5.17                 | 5.17                        | 5.37                      | 7.23                | 6.00                  | 5.70                           |
| PSG     | Seville 3 (GL3)       | 5.33                 | 5.83                        | 5.53                      | 7.67                | 5.83                  | 5.70                           |
| PSG     | 04-10 Lp              | 5.67                 | 6.00                        | 5.77                      | 7.13                | 7.17                  | 5.70                           |
| NexGen  | APR1980               | 5.17                 | 5.33                        | 5.23                      | 6.77                | 6.17                  | 5.63                           |
| PST     | Silver Dollar         | 5.50                 | 3.83                        | 4.90                      | 6.57                | 6.17                  | 5.63                           |
| NexGen  | APR2025               | 5.00                 | 5.17                        | 5.47                      | 7.67                | 5.50                  | 5.57                           |
| PSG     | SR 4600               | 5.33                 | 5.00                        | 5.33                      | 7.33                | 6.17                  | 5.57                           |
| DLF-IS  | IS-PR 340             | 5.00                 | 5.50                        | 5.30                      | 7.23                | 6.00                  | 5.57                           |
| NexGen  | APR2036               | 5.67                 | 5.50                        | 5.67                      | 7.13                | 6.00                  | 5.53                           |
| PSG     | Express II (Pick EJ)  | 5.00                 | 4.67                        | 5.07                      | 7.47                | 6.50                  | 5.53                           |
| DLF-IS  | IS-PR 341             | 5.67                 | 5.00                        | 5.57                      | 6.33                | 6.00                  | 5.53                           |
| NexGen  | APR2090               | 5.17                 | 4.50                        | 5.30                      | 7.47                | 5.50                  | 5.50                           |
| DLF-IS  | IS-PR 411             | 5.67                 | 5.33                        | 5.87                      | 7.43                | 6.83                  | 5.50                           |
| Rutgers | Soprano               | 5.33                 | 4.83                        | 5.27                      | 7.20                | 5.83                  | 5.47                           |
| PSG     | 06-B Lp               | 5.00                 | 5.33                        | 5.37                      | 7.00                | 5.83                  | 5.47                           |
| DLF-IS  | IS-PR 344             | 5.17                 | 5.50                        | 5.37                      | 6.77                | 6.67                  | 5.47                           |
| DLF-IS  | IS-PR 382             | 5.17                 | 5.00                        | 5.17                      | 6.90                | 6.17                  | 5.47                           |
| NexGen  | APR2089               | 5.33                 | 5.00                        | 5.40                      | 7.10                | 5.50                  | 5.43                           |
| NexGen  | APR2096               | 5.33                 | 4.83                        | 5.03                      | 6.20                | 5.83                  | 5.43                           |
| Rutgers | HU-1                  | 5.83                 | 4.83                        | 5.43                      | 7.47                | 5.17                  | 5.40                           |
| PSG     | Dasher 3              | 5.33                 | 4.50                        | 5.33                      | 7.00                | 6.83                  | 5.40                           |
| PSG     | MD-07                 | 5.17                 | 4.17                        | 5.00                      | 6.77                | 7.00                  | 5.40                           |
| DLF-IS  | IS-PR 381             | 5.00                 | 4.83                        | 5.13                      | 6.87                | 6.17                  | 5.40                           |
| NexGen  | APR2032               | 5.33                 | 5.00                        | 5.60                      | 7.10                | 5.67                  | 5.37                           |
| PST     | PST-2TQL              | 4.67                 | 5.33                        | 5.23                      | 6.57                | 5.33                  | 5.37                           |
| NexGen  | APR1959               | 5.50                 | 4.83                        | 5.33                      | 7.33                | 6.00                  | 5.37                           |
| Rutgers | HP-1                  | 5.50                 | 5.17                        | 5.23                      | 7.33                | 5.33                  | 5.33                           |
| PSG     | 04-4 Lp               | 5.33                 | 3.67                        | 4.90                      | 6.67                | 7.00                  | 5.33                           |
| PSG     | A01PR Bulk            | 5.17                 | 5.17                        | 5.47                      | 7.13                | 6.00                  | 5.33                           |
| DLF-IS  | IS-PR 377             | 5.17                 | 5.00                        | 4.97                      | 7.23                | 5.33                  | 5.33                           |
| Rutgers | 1GSquared             | 5.33                 | 5.33                        | 5.17                      | 7.47                | 6.00                  | 5.30                           |
| DLF-IS  | IS-PR 410             | 5.33                 | 5.33                        | 5.37                      | 7.20                | 5.83                  | 5.30                           |
| DLF-IS  | IS-PR 342             | 5.67                 | 5.00                        | 4.67                      | 6.57                | 6.33                  | 5.30                           |
| NexGen  | APR2034               | 5.50                 | 5.67                        | 5.07                      | 7.43                | 5.67                  | 5.27                           |
| Rutgers | Palmer V              | 5.50                 | 4.50                        | 4.90                      | 7.23                | 6.17                  | 5.27                           |
| PSG     | Zoom                  | 5.17                 | 4.67                        | 4.70                      | 7.00                | 6.17                  | 5.27                           |
| NexGen  | APR2026               | 5.50                 | 4.83                        | 5.13                      | 6.90                | 5.00                  | 5.23                           |
| Rutgers | LineDrive GLS         | 5.17                 | 5.00                        | 5.43                      | 6.90                | 5.33                  | 5.23                           |
| PST     | Gray Goose (PST-2J15) | 5.33                 | 5.33                        | 5.43                      | 7.13                | 4.67                  | 5.23                           |
| NexGen  | APR1977               | 3.83                 | 5.17                        | 4.80                      | 7.20                | 4.17                  | 5.20                           |
| Rutgers | Protege GLR           | 5.67                 | 4.50                        | 5.70                      | 7.33                | 6.33                  | 5.20                           |
| Rutgers | APR1666               | 5.50                 | 4.83                        | 5.17                      | 7.57                | 5.83                  | 5.20                           |
| PSG     | 06-C Lp EDB           | 5.17                 | 4.67                        | 5.23                      | 7.30                | 6.00                  | 5.20                           |
| PSG     | 05-SP-I               | 5.17                 | 5.50                        | 4.87                      | 6.90                | 7.17                  | 5.20                           |
| PST     | PST-2AG4              | 5.17                 | 4.67                        | 4.73                      | 6.43                | 6.00                  | 5.20                           |
| PST     | Gray Fox (PST-2MNG)   | 5.00                 | 4.67                        | 5.17                      | 7.33                | 5.17                  | 5.20                           |
| PST     | PST-2R9R-05           | 5.17                 | 5.67                        | 4.97                      | 6.77                | 5.00                  | 5.20                           |
| DLF-IS  | IS-PR 378             | 4.83                 | 3.67                        | 5.00                      | 6.77                | 7.00                  | 5.20                           |
| NexGen  | APR2064               | 5.50                 | 4.33                        | 5.37                      | 6.70                | 6.33                  | 5.17                           |
| PST     | PST-2MG7 Bulk         | 5.33                 | 5.83                        | 5.30                      | 7.30                | 6.00                  | 5.17                           |
| PST     | PST-2GSB              | 5.33                 | 4.50                        | 5.23                      | 6.67                | 6.17                  | 5.17                           |
| NexGen  | APR2024               | 5.67                 | 4.67                        | 4.93                      | 7.00                | 5.67                  | 5.13                           |
| Rutgers | Paragon GLR           | 5.67                 | 4.17                        | 4.87                      | 6.77                | 5.50                  | 5.10                           |



|            |                  |      |       |       |       |       |      |
|------------|------------------|------|-------|-------|-------|-------|------|
| PST        | PST-2USD         | 5.33 | 5.67  | 4.93  | 6.70  | 5.83  | 5.10 |
| PST        | PST-2MAGS        | 5.00 | 5.00  | 4.90  | 7.10  | 6.33  | 5.10 |
| DLF-IS     | All*Star 3       | 4.83 | 5.17  | 4.93  | 7.53  | 6.17  | 5.10 |
| NexGen     | APR1979          | 4.67 | 5.33  | 4.73  | 6.80  | 5.67  | 5.07 |
| PSG        | 06-N Lp          | 4.83 | 4.00  | 4.87  | 6.10  | 7.00  | 5.07 |
| PST        | PST-2NKM         | 4.50 | 5.00  | 4.90  | 7.33  | 4.83  | 5.07 |
| NexGen     | APR1978          | 5.00 | 4.83  | 5.13  | 7.23  | 4.50  | 5.03 |
| NexGen     | APR2033          | 5.50 | 5.17  | 5.00  | 6.77  | 5.83  | 5.03 |
| NexGen     | APR2035          | 4.83 | 4.33  | 5.23  | 7.20  | 5.50  | 5.03 |
| NexGen     | APR1965          | 5.17 | 5.00  | 4.83  | 6.67  | 6.17  | 5.03 |
| PST        | PST-Syn-2R57     | 5.33 | 4.83  | 4.77  | 5.90  | 5.50  | 5.03 |
| PST        | PST-Syn-2US7     | 4.67 | 5.00  | 5.30  | 6.63  | 5.67  | 5.03 |
| NexGen     | Applaud          | 5.17 | 3.67  | 4.53  | 6.23  | 6.83  | 5.00 |
| PST        | PST-21N4         | 5.17 | 4.50  | 4.47  | 6.10  | 5.33  | 5.00 |
| NexGen     | APR2031          | 5.33 | 6.00  | 5.00  | 7.00  | 5.67  | 4.97 |
| PST        | PST-Syn-204D     | 4.83 | 5.00  | 5.17  | 6.80  | 5.67  | 4.97 |
| NexGen     | APR2013          | 5.00 | 5.17  | 4.97  | 7.37  | 5.83  | 4.93 |
| PSG        | Calypto III      | 5.67 | 3.33  | 4.10  | 5.80  | 7.00  | 4.93 |
| PST        | PST-2NKMS        | 5.67 | 4.00  | 4.60  | 7.33  | 4.83  | 4.93 |
| PST        | PST-2101-07      | 4.67 | 4.67  | 4.63  | 6.47  | 4.83  | 4.93 |
| PSG        | 06-C Lp ACF      | 5.50 | 4.17  | 4.93  | 7.13  | 6.83  | 4.90 |
| PST        | PST-2COL         | 5.50 | 5.00  | 4.60  | 6.67  | 5.33  | 4.90 |
| NexGen     | APR2037          | 5.50 | 4.83  | 4.77  | 6.90  | 6.33  | 4.87 |
| Rutgers    | Integra II       | 5.33 | 5.17  | 4.87  | 7.03  | 5.33  | 4.87 |
| PST        | PST-2R57S Bulk   | 4.83 | 5.00  | 4.80  | 6.77  | 5.50  | 4.87 |
| PST        | Manhattan 5 GLR  | 4.83 | 4.67  | 5.03  | 7.80  | 5.33  | 4.87 |
| NexGen     | APR2038          | 4.67 | 4.83  | 4.67  | 7.90  | 4.67  | 4.83 |
| PSG        | 06-K Lp          | 5.17 | 4.17  | 4.30  | 5.33  | 7.17  | 4.83 |
| PSG        | 06-I Lp          | 5.33 | 4.17  | 4.70  | 7.00  | 6.50  | 4.83 |
| PSG        | 06-J Lp          | 5.50 | 4.17  | 4.43  | 6.67  | 6.67  | 4.77 |
| PST        | PST-2TSE         | 4.17 | 4.50  | 4.40  | 6.90  | 4.00  | 4.73 |
| PST        | PlateauPST-2LAN) | 5.00 | 4.17  | 4.80  | 7.57  | 5.00  | 4.73 |
| PSG        | PM 102           | 5.83 | 3.67  | 4.30  | 6.57  | 7.17  | 4.63 |
| PSG        | SRX 4TPCS        | 5.17 | 3.50  | 4.27  | 6.87  | 5.67  | 4.63 |
| NexGen     | APR2075          | 3.67 | 5.17  | 4.90  | 7.33  | 4.67  | 4.60 |
| Rutgers    | Prelude IV       | 5.00 | 3.83  | 4.33  | 6.43  | 6.17  | 4.60 |
| DLF-IS     | IS-PR 313        | 5.67 | 3.33  | 4.50  | 6.23  | 6.67  | 4.60 |
| Rutgers    | Jet              | 5.17 | 3.83  | 4.13  | 5.80  | 5.83  | 4.53 |
| PSG        | Penguin 2        | 5.00 | 3.67  | 4.37  | 5.80  | 4.33  | 4.53 |
| PSG        | 06-H Lp          | 5.50 | 4.67  | 4.73  | 6.90  | 6.50  | 4.53 |
| Rutgers    | Pizzazz          | 5.33 | 3.17  | 4.00  | 6.00  | 6.33  | 4.50 |
| PST        | PST-2SNS         | 4.67 | 4.50  | 4.37  | 5.53  | 5.33  | 4.43 |
| PSG        | 04-18 Lp         | 5.17 | 3.67  | 3.77  | 5.33  | 6.67  | 4.30 |
| PSG        | 06-Z Lp          | 5.00 | 4.17  | 4.47  | 7.57  | 4.00  | 4.30 |
| PST        | PST-Syn-2GR7     | 5.50 | 3.33  | 4.17  | 6.47  | 5.83  | 4.10 |
| DLF-IS     | MBH2             | 5.17 | 3.50  | 3.80  | 5.43  | 4.00  | 4.03 |
| PSG        | SR 45 AB         | 5.17 | 4.00  | 4.23  | 6.53  | 4.00  | 3.93 |
| NexGen     | Cutter           | 3.83 | 3.00  | 3.13  | 6.87  | 2.83  | 3.67 |
| PST        | PST-2MAX-07      | 5.00 | 3.00  | 3.87  | 5.67  | 4.33  | 3.47 |
| DLF-IS     | Manhattan II     | 4.17 | 2.83  | 2.73  | 6.53  | 2.33  | 3.13 |
| CV         |                  | 9.67 | 16.50 | 10.18 | 10.46 | 12.96 | 7.69 |
| LSD        |                  | 0.67 | 1.04  | 0.67  | 0.97  | 1.00  | 0.53 |
| GRAND MEAN |                  | 5.17 | 4.68  | 4.91  | 6.87  | 5.74  | 5.06 |
| MIN. MEAN  |                  | 3.67 | 2.83  | 2.73  | 5.33  | 2.33  | 3.13 |
| MAX. MEAN  |                  | 5.83 | 6.00  | 5.87  | 7.90  | 7.17  | 5.97 |

Average Winter Color = 1-9; 9=Darkest (2 ratings)

Average Winter Turf Quality = 1-9; 9= Best

Average Turf Quality 2009 = 1-9; 9=Best (5 ratings)

Average Brown Patch = 1-9; 9=Most Resistant (3 ratings)

Average Genetic Color = 1-9; 9=Darkest (2 ratings)

Average Turf Quality 2008-2009 = 1-9; 9=Best (12 ratings)

CTBT: 2006 Trial  
 Fine Fescue Turf Trial  
 Location: Adelphia, New Jersey  
 Cooperator: Dr. William Meyer

2009 Data

Subjective Ratings

| SPONSOR | SPECIES     | CULTIVAR          | Dollar Spot | Average Turf Quality 2009 | Average Turf Quality 2007-2009 |
|---------|-------------|-------------------|-------------|---------------------------|--------------------------------|
| Rutgers | Strong Red  | OR1               | 8.00        | 5.73                      | 5.57                           |
| Rutgers | Strong Red  | Fortitude         | 8.33        | 5.57                      | 5.50                           |
| DLF-IS  | Strong Red  | IS-FRR 51         | 7.67        | 5.57                      | 5.27                           |
| DLF-IS  | Strong Red  | DLF-RCM           | 8.33        | 5.33                      | 5.13                           |
| DLF-IS  | Strong Red  | IS-FRR 50         | 8.00        | 5.03                      | 5.00                           |
| Rutgers | Strong Red  | Celestial         | 4.00        | 4.57                      | 4.93                           |
| PST     | Strong Red  | 48Y               | 6.33        | 5.03                      | 4.93                           |
| Rutgers | Strong Red  | Gibraltar         | 6.67        | 4.90                      | 4.87                           |
| Rutgers | Strong Red  | RaZor             | 4.33        | 4.47                      | 4.87                           |
| Rutgers | Strong Red  | Lustrous          | 8.67        | 4.83                      | 4.87                           |
| ASP     | Strong Red  | ASC293            | 2.00        | 3.97                      | 4.63                           |
| ASP     | Strong Red  | ASC301            | 2.00        | 4.17                      | 4.63                           |
| DLF-IS  | Strong Red  | IS-FRR 44         | 1.00        | 3.77                      | 4.63                           |
| ASP     | Strong Red  | ASC295            | 3.00        | 3.83                      | 4.47                           |
| PSG     | Strong Red  | STR CA529         | 2.00        | 4.00                      | 4.43                           |
| Rutgers | Strong Red  | Epic              | 1.67        | 3.60                      | 4.37                           |
| ASP     | Strong Red  | ASC310            | 6.33        | 4.53                      | 4.33                           |
| ASP     | Strong Red  | ASC266            | 4.00        | 4.20                      | 4.30                           |
| PST     | Strong Red  | 8000              | 1.67        | 3.83                      | 4.30                           |
| PSG     | Strong Red  | SR 5250           | 1.00        | 3.70                      | 4.27                           |
| DLF-IS  | Strong Red  | Cindy Lou         | 2.00        | 3.57                      | 4.20                           |
| PSG     | Strong Red  | STR CA521         | 1.67        | 3.43                      | 3.97                           |
| PST     | Strong Red  | McAlpin (4CRE)    | 1.67        | 3.43                      | 3.87                           |
| PST     | Strong Red  | 4FRR              | 2.33        | 3.37                      | 3.80                           |
| PSG     | Strong Red  | Boreal            | 2.33        | 3.00                      | 3.07                           |
| PSG     | Blue        | SR 3210           | 6.67        | 4.03                      | 3.30                           |
| PST     | Blue Hard   | 4BIL              | 7.67        | 4.47                      | 4.97                           |
| PST     | Blue Hard   | Bighorn GT (4BU3) | 7.00        | 4.23                      | 4.57                           |
| DLF-IS  | Hard        | IS-FL 40          | 8.00        | 5.57                      | 5.70                           |
| PST     | Hard        | 4HES              | 8.67        | 5.50                      | 5.47                           |
| ASP     | Hard        | AHF176            | 8.33        | 5.07                      | 5.40                           |
| PSG     | Hard        | SRX NJU           | 9.00        | 5.07                      | 5.40                           |
| ASP     | Hard        | AHF177            | 7.33        | 5.13                      | 5.30                           |
| DLF-IS  | Hard        | IS-FL 38          | 7.33        | 4.90                      | 5.30                           |
| Rutgers | Hard        | Predator          | 7.33        | 5.13                      | 5.23                           |
| PSG     | Hard        | SR 3150           | 8.00        | 4.77                      | 5.23                           |
| Rutgers | Hard        | HOE               | 7.00        | 4.57                      | 5.17                           |
| PSG     | Hard        | STR CA396         | 8.67        | 4.53                      | 5.07                           |
| PST     | Hard        | 4NY               | 8.00        | 4.93                      | 5.07                           |
| DLF-IS  | Hard        | IS-FL 39          | 8.33        | 4.90                      | 4.90                           |
| PST     | Hard        | 4HM               | 7.00        | 4.70                      | 4.80                           |
| PSG     | Hard        | Spartan II        | 6.00        | 4.57                      | 4.70                           |
| PSG     | Hard        | Scaldis II        | 5.67        | 4.23                      | 4.33                           |
| PSG     | Hard        | SRX 3K            | 7.67        | 4.23                      | 4.30                           |
| PST     | Hard        | Discovery         | 7.33        | 4.07                      | 4.30                           |
| PST     | Hard        | Soil Guard (4CU3) | 4.67        | 3.93                      | 4.30                           |
| PSG     | Hard x Blue | SRX 3BHO          | 7.33        | 4.43                      | 4.33                           |

Subjective Ratings

| SPONSOR | SPECIES     | CULTIVAR          | Dollar Spot | Average Turf Quality 2009 | Average Turf Quality 2007-2009 |
|---------|-------------|-------------------|-------------|---------------------------|--------------------------------|
| DLF-IS  | Chewings    | IS-FRC 26         | 8.67        | 5.67                      | 5.97                           |
| Rutgers | Chewings    | OC1               | 8.67        | 5.83                      | 5.70                           |
| Rutgers | Chewings    | 7 Seas            | 8.33        | 5.90                      | 5.60                           |
| ASP     | Chewings    | ACF251            | 8.00        | 5.40                      | 5.60                           |
| Rutgers | Chewings    | IT                | 8.67        | 5.73                      | 5.53                           |
| ASP     | Chewings    | Compass           | 8.00        | 5.83                      | 5.53                           |
| DLF-IS  | Chewings    | IS-FRC 27         | 8.00        | 5.67                      | 5.53                           |
| PST     | Chewings    | Treasure II (4TZ) | 9.00        | 5.67                      | 5.53                           |
| ASP     | Chewings    | ACF257            | 9.00        | 5.43                      | 5.47                           |
| ASP     | Chewings    | ACF246            | 7.00        | 5.63                      | 5.47                           |
| ASP     | Chewings    | ACF256            | 4.00        | 4.83                      | 5.43                           |
| ASP     | Chewings    | ACF249            | 7.00        | 5.47                      | 5.40                           |
| ASP     | Chewings    | ACF264            | 6.67        | 5.30                      | 5.37                           |
| Rutgers | Chewings    | Intrigue          | 8.33        | 5.33                      | 5.33                           |
| ASP     | Chewings    | ACF252            | 8.00        | 5.33                      | 5.30                           |
| PST     | Chewings    | R4TC              | 8.67        | 5.47                      | 5.30                           |
| DLF-IS  | Chewings    | IS-FRC 23         | 7.67        | 5.37                      | 5.23                           |
| ASP     | Chewings    | ACF259            | 7.67        | 5.13                      | 5.13                           |
| PSG     | Chewings    | Silhouette        | 7.33        | 5.20                      | 5.10                           |
| ASP     | Chewings    | ACF261            | 4.33        | 4.83                      | 5.07                           |
| PSG     | Chewings    | SR 5130           | 4.67        | 4.50                      | 5.03                           |
| PST     | Chewings    | 4CSD+             | 8.00        | 5.30                      | 4.97                           |
| PST     | Chewings    | Shadow II         | 6.00        | 4.93                      | 4.90                           |
| ASP     | Chewings    | ACF255            | 4.00        | 4.40                      | 4.87                           |
| ASP     | Chewings    | ACF262            | 4.00        | 4.63                      | 4.87                           |
| ASP     | Chewings    | Culumbra II       | 1.33        | 4.33                      | 4.87                           |
| ASP     | Chewings    | ACF245            | 5.67        | 4.77                      | 4.63                           |
| ASP     | Chewings    | ACF266            | 3.33        | 4.53                      | 4.63                           |
| PST     | Chewings    | 4RC               | 7.33        | 4.43                      | 4.47                           |
| PST     | Chewings    | 4CH6 Bulk         | 1.67        | 4.03                      | 4.33                           |
| ASP     | Chewings    | Koket             | 7.33        | 4.07                      | 4.17                           |
| PST     | Chewings    | 4CBEL             | 5.00        | 3.67                      | 4.17                           |
| PST     | Chewings    | 4EC               | 6.00        | 4.03                      | 4.07                           |
| PSG     | Chewings    | SR 5100           | 5.33        | 3.93                      | 3.83                           |
| PSG     | Slender Red | SRX 55R           | 5.67        | 4.40                      | 4.60                           |
| ASP     | Slender Red | Sealink           | 1.67        | 3.80                      | 4.47                           |
| ASP     | Slender Red | ASR050            | 4.67        | 3.93                      | 4.47                           |
| PSG     | Slender Red | PSG 55QRS         | 6.00        | 4.17                      | 4.37                           |
| PSG     | Slender Red | Dawson            | 5.67        | 4.40                      | 4.13                           |
| PST     | Slender Red | Seabreeze GT      | 3.67        | 3.73                      | 4.00                           |
|         |             | CV                | 22.34       | 8.02                      | 6.06                           |
|         |             | LSD               | 1.80        | 0.51                      | 0.40                           |
|         |             | GRAND MEAN        | 5.95        | 4.66                      | 4.83                           |
|         |             | MIN. MEAN         | 1.00        | 3.00                      | 3.07                           |
|         |             | MAX. MEAN         | 9.00        | 5.90                      | 5.97                           |

Dollar Spot = 1-9; 9=Most Resistant (Aug)  
 Average Turf Quality 2009 = 1-9; 9=Best (6 ratings)  
 Average Turf Quality 2007-2009 = 1-9; 9=Best (19 ratings, 3 years of data)



CTBT: 2007 Trial  
 Perennial Ryegrass Turf Trial  
 Location: Adelphia, New Jersey  
 Cooperator: Dr. William Meyer

2009 Data

Subjective Ratings

| SPONSOR | CULTIVAR              | Percent Green Cover | Average Turf Quality 2009 | Average Turf Quality 2008-2009 |
|---------|-----------------------|---------------------|---------------------------|--------------------------------|
| PST     | PST-2MG7 Bulk         | 73.33               | 5.53                      | 5.83                           |
| PSG     | 04-10 Lp              | 65.00               | 5.53                      | 5.80                           |
| DLF-IS  | IS-PR 411             | 55.00               | 5.13                      | 5.63                           |
| DLF-IS  | All*Star 3            | 51.67               | 4.67                      | 5.63                           |
| PSG     | SR 4600               | 43.33               | 4.53                      | 5.47                           |
| NexGen  | APR2037               | 58.33               | 4.47                      | 5.43                           |
| PSG     | 04-4 Lp               | 61.67               | 5.07                      | 5.33                           |
| PSG     | Calypso III           | 58.33               | 5.07                      | 5.33                           |
| PST     | Silver Dollar         | 75.00               | 5.33                      | 5.33                           |
| DLF-IS  | IS-PR 381             | 73.33               | 5.00                      | 5.33                           |
| NexGen  | APR1959               | 46.67               | 4.47                      | 5.33                           |
| DLF-IS  | IS-PR 342             | 53.33               | 4.93                      | 5.30                           |
| DLF-IS  | IS-PR 340             | 41.67               | 4.47                      | 5.30                           |
| PSG     | 06-C Lp EDB           | 73.33               | 5.07                      | 5.27                           |
| Rutgers | Palmer V              | 40.00               | 4.47                      | 5.20                           |
| DLF-IS  | IS-PR 410             | 58.33               | 4.80                      | 5.20                           |
| DLF-IS  | IS-PR 382             | 51.67               | 4.47                      | 5.20                           |
| DLF-IS  | IS-PR 409             | 53.33               | 4.73                      | 5.20                           |
| Rutgers | GL-31                 | 41.67               | 4.13                      | 5.17                           |
| Rutgers | Paragon GLR           | 53.33               | 4.53                      | 5.17                           |
| PSG     | Seville 3 (GL3)       | 50.00               | 4.40                      | 5.17                           |
| NexGen  | APR1979               | 53.33               | 4.27                      | 5.13                           |
| PSG     | Zoom                  | 50.00               | 4.60                      | 5.13                           |
| DLF-IS  | IS-PR 344             | 70.00               | 5.27                      | 5.13                           |
| NexGen  | APR1978               | 63.33               | 4.67                      | 5.07                           |
| NexGen  | APR2032               | 55.00               | 4.47                      | 5.07                           |
| PST     | PST-2101-07           | 78.33               | 4.87                      | 5.07                           |
| NexGen  | APR2036               | 61.67               | 4.93                      | 5.03                           |
| Rutgers | Soprano               | 46.67               | 4.53                      | 5.03                           |
| PST     | PST-2AG4              | 71.67               | 5.07                      | 5.03                           |
| PST     | PST-2USD              | 90.00               | 5.27                      | 5.03                           |
| NexGen  | APR2034               | 53.33               | 4.13                      | 5.00                           |
| PSG     | A01PR Bulk            | 56.67               | 4.80                      | 5.00                           |
| PST     | PST-2GSB              | 65.00               | 4.67                      | 4.97                           |
| Rutgers | 1GSquared             | 43.33               | 4.13                      | 4.93                           |
| PSG     | Express II (Pick EJ)  | 60.00               | 4.87                      | 4.93                           |
| NexGen  | APR2033               | 50.00               | 3.80                      | 4.87                           |
| NexGen  | Applaud II            | 48.33               | 4.40                      | 4.87                           |
| DLF-IS  | IS-PR 341             | 65.00               | 4.40                      | 4.87                           |
| NexGen  | APR2031               | 48.33               | 4.33                      | 4.83                           |
| Rutgers | HP-1                  | 51.67               | 4.13                      | 4.83                           |
| Rutgers | LineDrive GLS         | 63.33               | 4.33                      | 4.83                           |
| Rutgers | Jet                   | 48.33               | 4.33                      | 4.83                           |
| NexGen  | APR1980               | 45.00               | 4.00                      | 4.80                           |
| NexGen  | APR2013               | 40.00               | 4.13                      | 4.80                           |
| Rutgers | HU-1                  | 46.67               | 4.33                      | 4.80                           |
| PSG     | Dasher 3              | 46.67               | 4.27                      | 4.80                           |
| PSG     | PM 102                | 73.33               | 4.87                      | 4.80                           |
| PSG     | 05-SP-I               | 53.33               | 4.87                      | 4.80                           |
| DLF-IS  | IS-PR 378             | 80.00               | 5.13                      | 4.80                           |
| NexGen  | APR2025               | 45.00               | 3.53                      | 4.77                           |
| NexGen  | Applaud               | 33.33               | 4.07                      | 4.77                           |
| NexGen  | APR2035               | 45.00               | 3.93                      | 4.73                           |
| Rutgers | APR1666               | 56.67               | 4.33                      | 4.73                           |
| PSG     | 06-J Lp               | 61.67               | 4.73                      | 4.73                           |
| PST     | Gray Goose (PST-2J15) | 68.33               | 4.80                      | 4.73                           |
| PST     | PST-2R9R-05           | 80.00               | 5.07                      | 4.73                           |

Subjective Ratings

| SPONSOR | CULTIVAR            | Percent Green Cover | Average Turf Quality 2009 | Average Turf Quality 2008-2009 |
|---------|---------------------|---------------------|---------------------------|--------------------------------|
| DLF-IS  | IS-PR 377           | 40.00               | 4.20                      | 4.73                           |
| NexGen  | APR2096             | 55.00               | 4.20                      | 4.70                           |
| PSG     | 06-B Lp             | 58.33               | 4.27                      | 4.70                           |
| PST     | PST-21N4            | 65.00               | 4.67                      | 4.70                           |
| PSG     | 06-K Lp             | 51.67               | 4.87                      | 4.67                           |
| PSG     | 06-N Lp             | 55.00               | 4.27                      | 4.67                           |
| PSG     | 06-H Lp             | 68.33               | 4.93                      | 4.67                           |
| PST     | Manhattan 5 GLR     | 48.33               | 3.73                      | 4.67                           |
| PST     | PST-2MAGS           | 40.00               | 4.13                      | 4.67                           |
| Rutgers | Protege GLR         | 50.00               | 4.73                      | 4.63                           |
| Rutgers | Pizzazz             | 60.00               | 4.67                      | 4.63                           |
| PSG     | MD-07               | 60.00               | 4.73                      | 4.63                           |
| NexGen  | APR2089             | 45.00               | 4.33                      | 4.60                           |
| NexGen  | APR2064             | 61.67               | 4.40                      | 4.60                           |
| PSG     | 06-I Lp             | 48.33               | 4.73                      | 4.60                           |
| PST     | PST-Syn-2R57        | 61.67               | 4.27                      | 4.60                           |
| PST     | PST-2NKMS           | 61.67               | 4.40                      | 4.60                           |
| PSG     | 06-C Lp ACF         | 65.00               | 4.67                      | 4.53                           |
| PST     | PST-2TQL            | 58.33               | 4.27                      | 4.53                           |
| PST     | Gray Fox (PST-2MNG) | 53.33               | 4.13                      | 4.50                           |
| DLF-IS  | IS-PR 313           | 55.00               | 4.40                      | 4.50                           |
| PSG     | 04-18 Lp            | 63.33               | 4.53                      | 4.47                           |
| NexGen  | APR2090             | 36.67               | 3.47                      | 4.43                           |
| NexGen  | APR2026             | 45.00               | 3.80                      | 4.43                           |
| PST     | PST-2NKM            | 65.00               | 3.93                      | 4.33                           |
| PST     | Plateau (PST-2LAN)  | 61.67               | 4.07                      | 4.33                           |
| NexGen  | APR1965             | 45.00               | 3.53                      | 4.30                           |
| NexGen  | APR2038             | 36.67               | 3.53                      | 4.27                           |
| Rutgers | Integra II          | 53.33               | 4.00                      | 4.27                           |
| PST     | PST-2R57S Bulk      | 73.33               | 4.07                      | 4.27                           |
| PST     | PST-2COL            | 61.67               | 4.40                      | 4.27                           |
| NexGen  | APR2024             | 55.00               | 4.00                      | 4.23                           |
| NexGen  | APR2075             | 76.67               | 4.20                      | 4.17                           |
| NexGen  | APR1977             | 53.33               | 3.73                      | 4.17                           |
| PST     | PST-Syn-204D        | 66.67               | 4.33                      | 4.07                           |
| PST     | PST-2TSE            | 58.33               | 3.60                      | 4.07                           |
| Rutgers | Prelude IV          | 46.67               | 3.93                      | 3.93                           |
| PST     | PST-Syn-2US7        | 51.67               | 3.80                      | 3.90                           |
| PSG     | 06-Z Lp             | 58.33               | 3.53                      | 3.73                           |
| PSG     | Penguin 2           | 45.00               | 3.53                      | 3.60                           |
| PST     | PST-2SNS            | 55.00               | 3.33                      | 3.57                           |
| DLF-IS  | MBH2                | 40.00               | 3.20                      | 3.57                           |
| PSG     | SRX 4TPCS           | 63.33               | 3.60                      | 3.43                           |
| PST     | PST-Syn-2GR7        | 48.33               | 3.67                      | 3.43                           |
| PSG     | SR 45 AB            | 53.33               | 3.13                      | 2.87                           |
| PST     | PST-2MAX-07         | 48.33               | 3.07                      | 2.63                           |
| NexGen  | Cutter              | 45.00               | 2.47                      | 2.57                           |
| DLF-IS  | Manhattan II        | 53.33               | 2.53                      | 2.43                           |
|         | CV                  | 20.36               | 10.17                     | 7.77                           |
|         | LSD                 | 15.35               | 0.60                      | 0.49                           |
|         | GRAND MEAN          | 55.89               | 4.34                      | 4.67                           |
|         | MIN. MEAN           | 33.33               | 2.47                      | 2.43                           |
|         | MAX. MEAN           | 90.00               | 5.53                      | 5.83                           |

Percent Green Cover = 1-100; 100=Full Cover (Oct)  
 Average Turf Quality 2009 = 1-9; 9=Best (5 ratings)  
 Average Turf Quality 2008-2009 = 1-9; 9=Best (12 ratings, 2 years of data)



CTBT: 2007 Trial  
 Perennial Ryegrass Turf Trial  
 Location: Salem, New Jersey  
 Cooperator: Steve Langlois

2009 Data

| SPONSOR | CULTIVAR              | Objective Digital Image Analysis Ratings |                          |                    |                            |                      |                           |                         |                                 |                           |                                |
|---------|-----------------------|--|--------------------------|--------------------|----------------------------|----------------------|---------------------------|-------------------------|---------------------------------|---------------------------|--------------------------------|
|         |                       | Percent Green Cover Sept.                | Percent Green Cover Oct. | Average Cover 2009 | Average Genetic Color 2009 | Average Density 2009 | Average Turf Quality 2009 | Average Cover 2008-2009 | Average Genetic Color 2008-2009 | Average Density 2008-2009 | Average Turf Quality 2008-2009 |
| DLF-IS  | IS-PR 409             | 23.63                                    | 73.10                    | 7.93               | 5.57                       | 5.20                 | 5.20                      | 7.80                    | 5.83                            | 5.27                      | 5.53                           |
| PST     | PST-2NKM              | 64.10                                    | 97.50                    | 8.30               | 5.33                       | 4.93                 | 5.17                      | 7.93                    | 5.53                            | 5.10                      | 5.37                           |
| Rutgers | Soprano               | 27.53                                    | 85.03                    | 8.00               | 5.50                       | 5.27                 | 5.27                      | 7.57                    | 5.80                            | 5.33                      | 5.33                           |
| DLF-IS  | IS-PR 342             | 39.20                                    | 95.20                    | 8.00               | 5.47                       | 4.50                 | 5.00                      | 7.83                    | 5.83                            | 4.87                      | 5.30                           |
| DLF-IS  | IS-PR 382             | 42.73                                    | 95.73                    | 7.90               | 5.23                       | 4.40                 | 4.80                      | 7.70                    | 5.70                            | 4.93                      | 5.23                           |
| NexGen  | APR2036               | 35.37                                    | 89.27                    | 7.83               | 5.43                       | 4.63                 | 5.20                      | 7.40                    | 5.60                            | 4.80                      | 5.13                           |
| NexGen  | APR2064               | 51.97                                    | 95.43                    | 7.73               | 5.33                       | 4.43                 | 4.77                      | 7.67                    | 5.63                            | 4.77                      | 5.13                           |
| DLF-IS  | IS-PR 377             | 37.27                                    | 88.00                    | 7.90               | 5.57                       | 4.97                 | 5.27                      | 7.50                    | 5.70                            | 4.80                      | 5.13                           |
| PSG     | Seville 3 (GL3)       | 46.77                                    | 96.53                    | 7.77               | 5.60                       | 4.30                 | 4.93                      | 7.53                    | 5.87                            | 4.43                      | 5.10                           |
| NexGen  | APR2096               | 59.80                                    | 98.13                    | 7.97               | 5.83                       | 5.13                 | 5.47                      | 7.47                    | 5.73                            | 4.53                      | 5.07                           |
| NexGen  | APR2037               | 42.27                                    | 93.80                    | 7.97               | 5.27                       | 4.13                 | 4.90                      | 7.50                    | 5.60                            | 4.60                      | 5.07                           |
| PST     | Silver Dollar         | 40.67                                    | 93.97                    | 7.80               | 5.27                       | 4.40                 | 4.90                      | 7.50                    | 5.47                            | 4.60                      | 5.07                           |
| PST     | Gray Goose (PST-2J15) | 37.60                                    | 87.80                    | 7.63               | 5.07                       | 4.67                 | 4.80                      | 7.40                    | 5.43                            | 4.97                      | 5.07                           |
| DLF-IS  | IS-PR 410             | 13.77                                    | 78.23                    | 7.60               | 5.20                       | 4.37                 | 4.87                      | 7.53                    | 5.67                            | 4.67                      | 5.07                           |
| DLF-IS  | IS-PR 378             | 18.70                                    | 79.57                    | 7.83               | 5.33                       | 4.57                 | 4.90                      | 7.57                    | 5.73                            | 4.70                      | 5.07                           |
| DLF-IS  | IS-PR 340             | 27.10                                    | 79.10                    | 7.77               | 5.37                       | 4.60                 | 5.07                      | 7.63                    | 5.53                            | 4.53                      | 5.07                           |
| NexGen  | APR2089               | 28.63                                    | 91.07                    | 7.60               | 5.03                       | 5.03                 | 4.90                      | 7.47                    | 5.23                            | 5.10                      | 5.03                           |
| Rutgers | HU-1                  | 22.63                                    | 74.60                    | 7.43               | 5.27                       | 4.20                 | 4.73                      | 7.37                    | 5.47                            | 4.70                      | 5.03                           |
| PSG     | SR 4600               | 18.43                                    | 62.77                    | 7.27               | 5.13                       | 4.43                 | 4.63                      | 7.33                    | 5.47                            | 4.83                      | 5.03                           |
| PST     | PST-Syn-2R57          | 63.73                                    | 97.37                    | 7.77               | 5.00                       | 4.73                 | 4.77                      | 7.43                    | 5.33                            | 5.00                      | 5.03                           |
| NexGen  | APR1959               | 51.23                                    | 92.73                    | 7.70               | 5.53                       | 4.27                 | 5.03                      | 7.50                    | 5.70                            | 4.23                      | 5.03                           |
| PSG     | 06-B Lp               | 22.90                                    | 78.70                    | 7.30               | 4.93                       | 4.07                 | 4.43                      | 7.23                    | 5.43                            | 4.80                      | 5.00                           |
| DLF-IS  | IS-PR 411             | 19.47                                    | 75.27                    | 7.57               | 5.67                       | 4.47                 | 4.93                      | 7.30                    | 5.77                            | 4.33                      | 5.00                           |
| Rutgers | Paragon GLR           | 16.87                                    | 79.50                    | 7.63               | 4.93                       | 4.23                 | 4.53                      | 7.40                    | 5.30                            | 4.80                      | 4.97                           |
| PST     | PST-2AG4              | 17.77                                    | 89.13                    | 7.47               | 5.00                       | 4.60                 | 4.70                      | 7.23                    | 5.43                            | 4.87                      | 4.97                           |
| DLF-IS  | IS-PR 344             | 19.63                                    | 56.83                    | 7.20               | 5.67                       | 4.27                 | 4.77                      | 7.20                    | 5.80                            | 4.47                      | 4.97                           |
| Rutgers | 1GSquared             | 24.33                                    | 87.73                    | 7.63               | 5.00                       | 4.33                 | 4.60                      | 7.27                    | 5.33                            | 4.77                      | 4.93                           |
| PSG     | 04-10 Lp              | 16.87                                    | 69.80                    | 7.50               | 5.13                       | 3.53                 | 4.50                      | 7.30                    | 5.63                            | 4.20                      | 4.93                           |
| PSG     | 05-SP-I               | 35.03                                    | 88.70                    | 7.53               | 5.30                       | 4.10                 | 4.53                      | 7.43                    | 5.63                            | 4.40                      | 4.93                           |
| DLF-IS  | All*Star 3            | 27.43                                    | 82.03                    | 7.57               | 5.07                       | 4.03                 | 4.67                      | 7.47                    | 5.43                            | 4.37                      | 4.93                           |
| NexGen  | Applaud II            | 24.87                                    | 70.00                    | 7.77               | 4.87                       | 4.50                 | 4.73                      | 7.57                    | 5.17                            | 4.77                      | 4.90                           |
| Rutgers | Integra II            | 28.93                                    | 88.50                    | 7.70               | 5.27                       | 4.77                 | 4.83                      | 7.33                    | 5.37                            | 4.73                      | 4.90                           |
| Rutgers | LineDrive GLS         | 48.27                                    | 93.40                    | 8.00               | 5.27                       | 4.80                 | 4.93                      | 7.33                    | 5.27                            | 4.83                      | 4.90                           |
| PSG     | 06-C Lp ACF           | 41.50                                    | 91.67                    | 7.57               | 5.30                       | 3.93                 | 4.47                      | 7.37                    | 5.73                            | 4.43                      | 4.90                           |
| DLF-IS  | IS-PR 381             | 17.47                                    | 81.87                    | 7.80               | 5.23                       | 4.67                 | 4.90                      | 7.33                    | 5.37                            | 4.63                      | 4.90                           |
| NexGen  | APR1980               | 14.57                                    | 65.47                    | 7.13               | 4.83                       | 3.97                 | 4.43                      | 7.07                    | 5.40                            | 4.60                      | 4.87                           |
| NexGen  | Applaud               | 38.77                                    | 91.70                    | 7.90               | 5.40                       | 4.50                 | 4.97                      | 7.47                    | 5.53                            | 4.20                      | 4.87                           |
| Rutgers | Jet                   | 58.77                                    | 83.57                    | 7.87               | 5.10                       | 4.47                 | 4.70                      | 7.37                    | 5.30                            | 4.60                      | 4.87                           |
| PSG     | A01PR Bulk            | 25.90                                    | 84.03                    | 7.37               | 5.43                       | 4.50                 | 4.77                      | 7.23                    | 5.53                            | 4.47                      | 4.87                           |
| PST     | PST-2COL              | 32.53                                    | 86.53                    | 7.40               | 5.17                       | 3.93                 | 4.43                      | 7.33                    | 5.60                            | 4.37                      | 4.87                           |
| PST     | Gray Fox (PST-2MNG)   | 51.07                                    | 93.83                    | 7.43               | 4.77                       | 4.07                 | 4.47                      | 7.37                    | 5.30                            | 4.67                      | 4.87                           |
| Rutgers | HP-1                  | 28.10                                    | 76.93                    | 7.83               | 5.23                       | 4.33                 | 4.87                      | 7.50                    | 5.27                            | 4.40                      | 4.83                           |
| Rutgers | Palmer V              | 50.50                                    | 97.00                    | 7.17               | 5.20                       | 3.67                 | 4.27                      | 7.23                    | 5.50                            | 4.23                      | 4.83                           |
| PST     | PST-2TQL              | 51.20                                    | 93.27                    | 7.77               | 4.93                       | 4.07                 | 4.63                      | 7.43                    | 5.20                            | 4.47                      | 4.83                           |
| NexGen  | APR1978               | 36.40                                    | 88.10                    | 7.07               | 5.00                       | 4.00                 | 4.27                      | 7.33                    | 5.33                            | 4.70                      | 4.80                           |
| NexGen  | APR2032               | 23.03                                    | 82.13                    | 7.47               | 5.00                       | 4.17                 | 4.67                      | 7.40                    | 5.17                            | 4.23                      | 4.80                           |
| Rutgers | APR1666               | 44.30                                    | 90.03                    | 7.57               | 5.07                       | 4.50                 | 4.67                      | 7.27                    | 5.23                            | 4.63                      | 4.80                           |
| PSG     | MD-07                 | 26.37                                    | 90.10                    | 7.23               | 5.73                       | 3.77                 | 4.63                      | 7.07                    | 5.97                            | 4.13                      | 4.80                           |
| PST     | PST-2GSB              | 48.17                                    | 91.60                    | 7.57               | 4.73                       | 4.43                 | 4.50                      | 7.37                    | 5.07                            | 4.67                      | 4.80                           |
| DLF-IS  | IS-PR 341             | 16.83                                    | 75.77                    | 7.10               | 5.17                       | 3.97                 | 4.53                      | 6.97                    | 5.70                            | 4.33                      | 4.80                           |
| DLF-IS  | IS-PR 313             | 13.03                                    | 61.87                    | 7.23               | 5.13                       | 3.77                 | 4.37                      | 7.07                    | 5.67                            | 4.40                      | 4.80                           |
| NexGen  | APR2026               | 22.00                                    | 88.77                    | 7.60               | 4.77                       | 4.50                 | 4.50                      | 7.20                    | 5.17                            | 4.73                      | 4.73                           |
| NexGen  | APR2035               | 24.43                                    | 85.43                    | 7.43               | 4.83                       | 4.07                 | 4.37                      | 7.33                    | 5.13                            | 4.47                      | 4.73                           |
| PSG     | Dasher 3              | 26.77                                    | 68.93                    | 7.23               | 5.23                       | 4.43                 | 4.63                      | 6.80                    | 5.43                            | 4.67                      | 4.73                           |

| SPONSOR | CULTIVAR             | Percent Green Cover Sept. | Percent Green Cover Oct. | Average Cover 2009 | Average Genetic Color 2009 | Average Density 2009 | Average Turf Quality 2009 | Average Cover 2008-2009 | Average Genetic Color 2008-2009 | Average Density 2008-2009 | Average Turf Quality 2008-2009 |
|---------|----------------------|---------------------------|--------------------------|--------------------|----------------------------|----------------------|---------------------------|-------------------------|---------------------------------|---------------------------|--------------------------------|
| PSG     | 06-C Lp EDB          | 21.93                     | 76.50                    | 6.90               | 4.80                       | 3.80                 | 4.30                      | 7.03                    | 5.43                            | 4.27                      | 4.73                           |
| NexGen  | APR1965              | 49.33                     | 93.70                    | 7.27               | 4.70                       | 4.27                 | 4.37                      | 7.10                    | 4.90                            | 4.60                      | 4.70                           |
| Rutgers | GL-31                | 30.33                     | 87.93                    | 7.40               | 5.00                       | 3.47                 | 4.23                      | 7.33                    | 5.33                            | 4.23                      | 4.70                           |
| Rutgers | Pizzazz              | 28.80                     | 90.37                    | 7.57               | 5.13                       | 3.57                 | 4.50                      | 7.10                    | 5.37                            | 4.13                      | 4.70                           |
| PSG     | 06-H Lp              | 26.23                     | 69.37                    | 7.30               | 5.23                       | 4.20                 | 4.60                      | 6.87                    | 5.47                            | 4.33                      | 4.70                           |
| PST     | Manhattan 5 GLR      | 33.57                     | 88.27                    | 7.67               | 4.83                       | 4.30                 | 4.47                      | 7.43                    | 5.07                            | 4.50                      | 4.70                           |
| NexGen  | APR2031              | 53.40                     | 89.47                    | 7.83               | 5.23                       | 4.17                 | 4.60                      | 7.40                    | 5.40                            | 4.07                      | 4.67                           |
| PSG     | Zoom                 | 33.10                     | 78.67                    | 7.20               | 5.10                       | 4.00                 | 4.50                      | 7.13                    | 5.33                            | 4.17                      | 4.67                           |
| PSG     | PM 102               | 27.97                     | 69.57                    | 6.83               | 5.27                       | 4.00                 | 4.40                      | 6.97                    | 5.90                            | 3.70                      | 4.67                           |
| NexGen  | APR2033              | 25.87                     | 83.57                    | 7.00               | 5.30                       | 3.83                 | 4.43                      | 6.97                    | 5.47                            | 4.03                      | 4.63                           |
| PSG     | 04-4 Lp              | 38.83                     | 90.47                    | 6.53               | 5.20                       | 3.53                 | 4.10                      | 6.87                    | 5.53                            | 3.90                      | 4.63                           |
| PSG     | 06-Z Lp              | 34.00                     | 87.57                    | 7.20               | 4.43                       | 4.73                 | 4.23                      | 6.87                    | 4.83                            | 5.07                      | 4.63                           |
| PST     | PST-2MAGS            | 27.90                     | 84.27                    | 6.77               | 4.93                       | 4.57                 | 4.50                      | 6.57                    | 5.17                            | 4.73                      | 4.63                           |
| NexGen  | APR1977              | 52.30                     | 97.03                    | 7.33               | 4.77                       | 4.73                 | 4.57                      | 7.07                    | 4.80                            | 4.50                      | 4.60                           |
| Rutgers | Prelude IV           | 47.97                     | 89.77                    | 7.43               | 4.90                       | 4.20                 | 4.50                      | 7.03                    | 5.10                            | 4.33                      | 4.60                           |
| PSG     | 06-J Lp              | 9.10                      | 62.37                    | 6.80               | 5.17                       | 3.43                 | 4.03                      | 6.70                    | 5.57                            | 4.10                      | 4.57                           |
| PST     | PST-Syn-2US7         | 46.57                     | 89.67                    | 7.53               | 5.27                       | 4.17                 | 4.63                      | 7.03                    | 5.13                            | 4.20                      | 4.57                           |
| PST     | PST-2TSE             | 49.60                     | 98.50                    | 7.70               | 4.93                       | 3.93                 | 4.40                      | 7.30                    | 5.03                            | 4.17                      | 4.57                           |
| PST     | PST-2NKMS            | 49.13                     | 93.10                    | 7.27               | 4.67                       | 3.63                 | 4.07                      | 7.27                    | 5.07                            | 4.17                      | 4.57                           |
| NexGen  | APR2025              | 28.57                     | 78.53                    | 7.50               | 4.83                       | 4.47                 | 4.60                      | 7.00                    | 5.00                            | 4.33                      | 4.53                           |
| NexGen  | APR2034              | 24.97                     | 78.70                    | 7.27               | 5.20                       | 4.03                 | 4.57                      | 7.07                    | 5.23                            | 3.93                      | 4.53                           |
| PSG     | 06-I Lp              | 19.73                     | 64.07                    | 6.10               | 5.17                       | 3.93                 | 4.17                      | 6.40                    | 5.53                            | 4.10                      | 4.53                           |
| PSG     | Calypto III          | 25.00                     | 78.17                    | 6.43               | 5.03                       | 3.90                 | 4.17                      | 6.77                    | 5.43                            | 4.10                      | 4.53                           |
| PSG     | SRX 4TPCS            | 47.43                     | 82.40                    | 7.57               | 4.73                       | 5.03                 | 4.67                      | 6.77                    | 4.93                            | 4.67                      | 4.53                           |
| PST     | PST-2MG7 Bulk        | 51.70                     | 91.00                    | 7.37               | 5.43                       | 3.57                 | 4.27                      | 6.83                    | 5.50                            | 3.97                      | 4.53                           |
| PST     | PST-2USD             | 33.37                     | 90.67                    | 6.93               | 4.97                       | 3.30                 | 4.00                      | 6.93                    | 5.43                            | 3.97                      | 4.53                           |
| NexGen  | APR2075              | 58.50                     | 95.57                    | 7.43               | 4.50                       | 4.40                 | 4.33                      | 7.13                    | 4.60                            | 4.50                      | 4.50                           |
| NexGen  | APR2090              | 45.03                     | 92.63                    | 6.93               | 4.60                       | 3.67                 | 3.93                      | 7.00                    | 5.03                            | 4.27                      | 4.50                           |
| PST     | PST-Syn-2GR7         | 15.10                     | 55.00                    | 6.77               | 4.90                       | 4.00                 | 4.10                      | 6.73                    | 5.10                            | 4.40                      | 4.50                           |
| PST     | PST-Syn-204D         | 48.97                     | 93.80                    | 6.70               | 4.83                       | 3.80                 | 4.00                      | 6.77                    | 5.20                            | 4.27                      | 4.50                           |
| PST     | Plateau (PST-2LAN)   | 43.30                     | 89.87                    | 7.33               | 4.60                       | 4.03                 | 4.27                      | 7.13                    | 4.77                            | 4.30                      | 4.50                           |
| DLF-IS  | MBH2                 | 33.57                     | 87.37                    | 7.27               | 4.33                       | 4.50                 | 4.47                      | 6.97                    | 4.50                            | 4.70                      | 4.50                           |
| Rutgers | Protege GLR          | 10.27                     | 52.87                    | 6.30               | 4.87                       | 3.83                 | 4.00                      | 6.37                    | 5.30                            | 4.20                      | 4.47                           |
| PSG     | 04-18 Lp             | 27.63                     | 65.63                    | 7.07               | 5.50                       | 3.77                 | 4.43                      | 6.67                    | 5.63                            | 3.77                      | 4.47                           |
| PSG     | 06-K Lp              | 8.23                      | 52.47                    | 6.00               | 4.77                       | 3.83                 | 4.00                      | 6.17                    | 5.47                            | 4.13                      | 4.47                           |
| PST     | PST-21N4             | 39.33                     | 79.60                    | 6.43               | 5.00                       | 3.83                 | 4.23                      | 6.53                    | 5.33                            | 4.03                      | 4.47                           |
| NexGen  | APR2038              | 28.60                     | 82.07                    | 6.57               | 4.17                       | 3.30                 | 3.67                      | 6.93                    | 4.77                            | 4.20                      | 4.43                           |
| PSG     | SR 45 AB             | 13.03                     | 79.27                    | 6.77               | 4.37                       | 5.23                 | 4.37                      | 6.43                    | 4.47                            | 5.17                      | 4.43                           |
| PST     | PST-2R57S Bulk       | 33.23                     | 88.20                    | 7.10               | 4.70                       | 4.10                 | 4.33                      | 6.63                    | 5.03                            | 4.33                      | 4.43                           |
| NexGen  | APR1979              | 21.23                     | 73.43                    | 6.53               | 4.77                       | 3.57                 | 3.93                      | 6.83                    | 5.07                            | 4.03                      | 4.40                           |
| PSG     | Express II (Pick EJ) | 34.33                     | 81.90                    | 6.40               | 4.97                       | 3.27                 | 3.83                      | 6.57                    | 5.43                            | 3.73                      | 4.40                           |
| PST     | PST-2101-07          | 15.77                     | 81.03                    | 6.83               | 4.83                       | 3.57                 | 4.13                      | 6.70                    | 5.10                            | 3.97                      | 4.40                           |
| NexGen  | APR2013              | 6.00                      | 57.43                    | 6.13               | 4.63                       | 3.37                 | 3.63                      | 6.80                    | 5.43                            | 3.73                      | 4.37                           |
| NexGen  | APR2024              | 23.33                     | 79.30                    | 7.17               | 4.43                       | 3.50                 | 3.93                      | 6.77                    | 4.93                            | 4.07                      | 4.33                           |
| PSG     | Penguin 2            | 34.00                     | 74.77                    | 7.17               | 4.50                       | 4.50                 | 4.47                      | 6.83                    | 4.53                            | 4.33                      | 4.33                           |
| PSG     | 06-N Lp              | 10.80                     | 44.17                    | 5.13               | 4.63                       | 2.90                 | 3.23                      | 6.13                    | 5.10                            | 3.57                      | 4.07                           |
| PST     | PST-2R9R-05          | 35.43                     | 86.30                    | 6.07               | 4.63                       | 3.17                 | 3.50                      | 6.23                    | 4.93                            | 3.57                      | 3.97                           |
| PST     | PST-2MAX-07          | 41.27                     | 85.13                    | 5.83               | 4.40                       | 4.00                 | 3.57                      | 5.53                    | 4.80                            | 3.73                      | 3.67                           |
| PST     | PST-2SNS             | 23.70                     | 77.93                    | 5.77               | 4.33                       | 3.37                 | 3.33                      | 5.93                    | 4.40                            | 3.73                      | 3.67                           |
| DLF-IS  | Manhattan II         | 21.40                     | 85.07                    | 6.73               | 3.73                       | 4.67                 | 4.00                      | 6.07                    | 3.50                            | 4.03                      | 3.60                           |
| NexGen  | Cutter               | 48.00                     | 84.23                    | 6.10               | 4.30                       | 4.17                 | 3.87                      | 5.40                    | 4.27                            | 3.83                      | 3.50                           |
|         | CV                   | 51.82                     | 17.37                    | 7.88               | 7.21                       | 15.58                | 10.14                     | 5.92                    | 4.83                            | 10.16                     | 7.16                           |
|         | LSD                  | 22.79                     | 19.37                    | 0.77               | 0.49                       | 0.88                 | 0.61                      | 0.57                    | 0.35                            | 0.60                      | 0.46                           |
|         | GRAND MEAN           | 32.61                     | 82.68                    | 7.26               | 5.02                       | 4.17                 | 4.48                      | 7.09                    | 5.30                            | 4.41                      | 4.72                           |
|         | MIN. MEAN            | 6.00                      | 44.17                    | 5.13               | 3.73                       | 2.90                 | 3.23                      | 5.40                    | 3.50                            | 3.57                      | 3.50                           |
|         | MAX. MEAN            | 64.10                     | 98.50                    | 8.30               | 5.83                       | 5.27                 | 5.47                      | 7.93                    | 5.97                            | 5.33                      | 5.53                           |

Percent Green Cover Sept = 1-100; 100=Complete Cover  
Percent Green Cover Oct = 1-100; 100=Complete Cover  
Average Cover 2009 = 1-9; 9=Most Cover (3 ratings)  
Average Genetic Color 2009 = 1-9; 9=Darkest (3 ratings)  
Average Density 2009 = 1-9; 9=Most Dense (3 ratings)  
Average Turf Quality 2009 = 1-9; 9=Best (3 ratings)  
Average Cover 2008-2009 = 1-9; 9=Most Cover (8 ratings, 2 years of data)  
Average Genetic Color 2008-2009 = 1-9; 9=Darkest (8 ratings, 2 years of data)  
Average Density 2008-2009 = 1-9; 9=Most Dense (8 ratings, 2 years of data)  
Average Turf Quality 2008-2009 = 1-9; 9=Best (8 ratings, 2 years of data)

CTBT: 2007 Trial  
 Perennial Ryegrass Turf Trial  
 Location: Rolesville, North Carolina  
 Cooperator: Dr. Melodee Fraser

2009 Data

| SPONSOR | CULTIVAR              | Subjective Ratings |                           |                                |
|---------|-----------------------|--------------------|---------------------------|--------------------------------|
|         |                       | Dollar Spot        | Average Turf Quality 2009 | Average Turf Quality 2008-2009 |
| Rutgers | GL-31                 | 2.33               | 3.87                      | 5.57                           |
| NexGen  | APR1959               | 5.00               | 5.57                      | 5.57                           |
| DLF-IS  | IS-PR 340             | 4.33               | 4.13                      | 5.53                           |
| DLF-IS  | IS-PR 409             | 3.00               | 3.90                      | 5.53                           |
| NexGen  | APR2037               | 4.33               | 4.57                      | 5.50                           |
| Rutgers | APR1666               | 3.33               | 3.90                      | 5.30                           |
| Rutgers | LineDrive GLS         | 3.33               | 4.37                      | 5.23                           |
| DLF-IS  | IS-PR 341             | 4.33               | 4.47                      | 5.20                           |
| DLF-IS  | IS-PR 377             | 3.67               | 3.57                      | 5.17                           |
| NexGen  | APR2033               | 6.00               | 5.20                      | 5.13                           |
| PST     | PST-2MG7 Bulk         | 3.67               | 4.20                      | 5.13                           |
| Rutgers | Paragon GLR           | 3.33               | 3.67                      | 5.07                           |
| PST     | PST-2COL              | 5.33               | 4.47                      | 5.07                           |
| PST     | PST-2MAGS             | 2.33               | 3.00                      | 5.07                           |
| DLF-IS  | IS-PR 411             | 3.60               | 4.00                      | 5.07                           |
| NexGen  | APR2031               | 3.33               | 4.13                      | 5.03                           |
| DLF-IS  | All*Star 3            | 4.00               | 3.77                      | 5.03                           |
| DLF-IS  | IS-PR 342             | 3.67               | 3.97                      | 5.00                           |
| NexGen  | APR2090               | 3.67               | 4.33                      | 4.97                           |
| PST     | PST-2NKMS             | 4.33               | 4.33                      | 4.97                           |
| PSG     | Zoom                  | 6.60               | 4.23                      | 4.93                           |
| NexGen  | APR2036               | 3.33               | 4.10                      | 4.90                           |
| Rutgers | Palmer V              | 3.00               | 3.00                      | 4.90                           |
| NexGen  | APR2038               | 2.33               | 3.67                      | 4.87                           |
| PSG     | Seville 3 (GL3)       | 3.67               | 4.20                      | 4.87                           |
| NexGen  | APR1977               | 2.67               | 3.90                      | 4.80                           |
| PSG     | 06-C Lp EDB           | 2.67               | 3.67                      | 4.77                           |
| PST     | Gray Fox (PST-2MNG)   | 4.33               | 4.13                      | 4.77                           |
| DLF-IS  | IS-PR 410             | 3.33               | 3.23                      | 4.73                           |
| NexGen  | APR2089               | 5.00               | 4.23                      | 4.70                           |
| PSG     | 05-SP-I               | 3.33               | 4.00                      | 4.70                           |
| PST     | PST-Syn-2R57          | 4.67               | 4.67                      | 4.70                           |
| PST     | PST-2USD              | 4.33               | 4.13                      | 4.70                           |
| PST     | Silver Dollar         | 5.67               | 4.13                      | 4.70                           |
| PST     | PST-2101-07           | 4.67               | 4.97                      | 4.70                           |
| PST     | PST-2NKM              | 3.00               | 3.90                      | 4.67                           |
| DLF-IS  | IS-PR 381             | 4.00               | 4.23                      | 4.63                           |
| DLF-IS  | IS-PR 382             | 2.67               | 3.90                      | 4.63                           |
| NexGen  | APR1978               | 3.00               | 3.47                      | 4.53                           |
| Rutgers | Soprano               | 2.00               | 2.67                      | 4.50                           |
| PST     | Manhattan 5 GLR       | 4.67               | 4.20                      | 4.50                           |
| PST     | PST-2TQL              | 5.00               | 4.00                      | 4.50                           |
| Rutgers | HU-1                  | 2.00               | 3.20                      | 4.47                           |
| Rutgers | HP-1                  | 2.67               | 3.53                      | 4.47                           |
| PST     | Gray Goose (PST-2J15) | 4.00               | 3.77                      | 4.47                           |
| PSG     | 04-10 Lp              | 3.67               | 2.90                      | 4.43                           |
| PSG     | 06-B Lp               | 4.00               | 3.90                      | 4.40                           |
| NexGen  | APR1965               | 3.33               | 3.77                      | 4.37                           |
| Rutgers | Prelude IV            | 4.77               | 2.77                      | 4.37                           |
| PST     | PST-Syn-2US7          | 5.67               | 4.00                      | 4.37                           |
| NexGen  | APR2026               | 4.00               | 4.47                      | 4.33                           |
| NexGen  | Applaud II            | 3.27               | 3.33                      | 4.33                           |
| PSG     | 04-4 Lp               | **                 | 2.10                      | 4.33                           |
| DLF-IS  | IS-PR 344             | 2.67               | 3.67                      | 4.33                           |
| NexGen  | APR2096               | 4.77               | 3.10                      | 4.27                           |
| NexGen  | APR2025               | 2.33               | 3.47                      | 4.27                           |
| NexGen  | APR2075               | 5.00               | 3.90                      | 4.23                           |

| SPONSOR    | CULTIVAR             | Subjective Ratings |                           |                                |
|------------|----------------------|--------------------|---------------------------|--------------------------------|
|            |                      | Dollar Spot        | Average Turf Quality 2009 | Average Turf Quality 2008-2009 |
| NexGen     | APR2034              | 3.27               | 3.13                      | 4.23                           |
| NexGen     | APR2035              | 4.00               | 3.77                      | 4.23                           |
| PST        | PST-2R9R-05          | 4.33               | 4.33                      | 4.23                           |
| NexGen     | APR1980              | 2.13               | 3.03                      | 4.20                           |
| NexGen     | APR2013              | 5.00               | 3.77                      | 4.20                           |
| NexGen     | APR2024              | 4.33               | 3.77                      | 4.20                           |
| PSG        | A01PR Bulk           | 2.10               | 3.10                      | 4.20                           |
| PSG        | Express II (Pick EJ) | **                 | 2.67                      | 4.17                           |
| PSG        | Dasher 3             | 2.67               | 2.90                      | 4.17                           |
| PST        | PST-2AG4             | 3.77               | 2.67                      | 4.13                           |
| PST        | PST-2GSB             | 3.67               | 3.33                      | 4.13                           |
| PSG        | 06-J Lp              | 3.60               | 3.00                      | 4.10                           |
| NexGen     | APR2032              | 5.00               | 3.20                      | 4.07                           |
| PSG        | PM 102               | **                 | 1.90                      | 4.03                           |
| PSG        | Calypso III          | **                 | 1.20                      | 4.03                           |
| PSG        | 06-I Lp              | 3.13               | 2.43                      | 4.00                           |
| PST        | PST-Syn-204D         | 4.33               | 4.23                      | 4.00                           |
| NexGen     | APR2064              | 3.33               | 3.20                      | 3.97                           |
| Rutgers    | 1GSquared            | 3.33               | 2.77                      | 3.97                           |
| PSG        | 06-C Lp ACF          | 3.13               | 2.90                      | 3.97                           |
| PSG        | 06-Z Lp              | 4.67               | 3.10                      | 3.93                           |
| DLF-IS     | IS-PR 378            | 5.77               | 2.33                      | 3.93                           |
| PST        | Plateau (PST-2LAN)   | 5.77               | 3.53                      | 3.90                           |
| Rutgers    | Jet                  | 3.77               | 2.57                      | 3.87                           |
| PST        | PST-2R57S Bulk       | 3.33               | 4.20                      | 3.87                           |
| Rutgers    | Pizzazz              | **                 | 2.13                      | 3.80                           |
| NexGen     | Applaud              | 5.77               | 1.90                      | 3.77                           |
| PSG        | MD-07                | 4.60               | 4.00                      | 3.77                           |
| PST        | PST-21N4             | 5.77               | 2.13                      | 3.77                           |
| DLF-IS     | MBH2                 | **                 | 2.00                      | 3.77                           |
| PSG        | 06-N Lp              | 2.60               | 2.77                      | 3.73                           |
| NexGen     | APR1979              | 4.00               | 3.00                      | 3.70                           |
| Rutgers    | Integra II           | 7.77               | 2.90                      | 3.60                           |
| PSG        | 06-K Lp              | **                 | 1.90                      | 3.43                           |
| PST        | PST-Syn-2GR7         | 5.77               | 2.47                      | 3.37                           |
| PSG        | 06-H Lp              | 3.63               | 3.03                      | 3.33                           |
| PSG        | SR 4600              | 3.77               | 1.33                      | 3.23                           |
| DLF-IS     | IS-PR 313            | **                 | 1.57                      | 3.23                           |
| PSG        | 04-18 Lp             | **                 | 1.00                      | 3.17                           |
| PST        | PST-2TSE             | 2.67               | 2.87                      | 3.17                           |
| PSG        | Penguin 2            | 3.47               | 1.77                      | 3.13                           |
| PST        | PST-2MAX-07          | 1.77               | 2.23                      | 3.13                           |
| PSG        | SRX 4TPCS            | 5.77               | 2.67                      | 3.03                           |
| PST        | PST-2SNS             | 5.77               | 1.57                      | 3.03                           |
| PSG        | SR 45 AB             | 2.77               | 2.53                      | 2.93                           |
| Rutgers    | Protege GLR          | **                 | 2.00                      | 2.90                           |
| NexGen     | Cutter               | **                 | 1.33                      | 2.27                           |
| DLF-IS     | Manhattan II         | **                 | 1.47                      | 2.00                           |
| CV         |                      | 30.66              | 27.77                     | 16.31                          |
| LSD        |                      | 1.62               | 1.25                      | 0.94                           |
| GRAND MEAN |                      | 3.91               | 3.33                      | 4.29                           |
| MIN. MEAN  |                      | 1.77               | 1.00                      | 2.00                           |
| MAX. MEAN  |                      | 7.77               | 5.57                      | 5.57                           |

Dollar Spot = 1-9; 9=Most Resistant  
 \*\* = Damaged plots, unable to rate for disease  
 Average Turf Quality 2009 = 1-9; 9=Best (3 ratings)  
 Average Turf Quality 2008-2009 = 1-9; 9=Best (10 ratings, 2 years of data)





2009 Data

| SPONSOR | CULTIVAR        | Subjective Ratings |            |             | Objective Digital Image Analysis Ratings |                                   |                                  |                                |  |                                       |                    |                            |                           |                         |                                 |                                |
|---------|-----------------|--------------------|------------|-------------|--|-----------------------------------|----------------------------------|--------------------------------|--|---------------------------------------|--------------------|----------------------------|---------------------------|-------------------------|---------------------------------|--------------------------------|
|         |                 | Pythium            | Red Thread | Dollar Spot | Average Winter Cover 2009                | Average Winter Genetic Color 2009 | Average Winter Turf Quality 2009 | Average Winter Cover 2008-2009 | Average Winter Genetic Color 2008-2009 | Average Winter Turf Quality 2008-2009 | Average Cover 2009 | Average Genetic Color 2009 | Average Turf Quality 2009 | Average Cover 2008-2009 | Average Genetic Color 2008-2009 | Average Turf Quality 2008-2009 |
| DLF-IS  | IS-PR 342       | 9.00               | 100.00     | 7.33        | 86.90                                    | 5.00                              | 6.83                             | 91.40                          | 5.70                                   | 7.40                                  | 85.17              | 6.73                       | 6.93                      | 89.33                   | 6.57                            | 7.43                           |
| DLF-IS  | IS-PR 340       | 10.33              | 100.00     | 6.33        | 88.80                                    | 5.27                              | 7.23                             | 92.07                          | 6.43                                   | 7.63                                  | 83.37              | 6.80                       | 6.90                      | 88.77                   | 6.77                            | 7.43                           |
| DLF-IS  | IS-PR 409       | 8.33               | 100.00     | 8.00        | 91.10                                    | 6.10                              | 7.63                             | 93.43                          | 6.43                                   | 7.80                                  | 83.87              | 6.50                       | 6.77                      | 89.23                   | 6.70                            | 7.40                           |
| DLF-IS  | IS-PR 410       | 10.33              | 100.00     | 8.00        | 88.93                                    | 6.00                              | 7.40                             | 92.00                          | 6.77                                   | 7.77                                  | 84.53              | 6.57                       | 6.63                      | 88.97                   | 6.73                            | 7.37                           |
| NexGen  | APR2025         | 13.33              | 100.00     | 9.33        | 87.80                                    | 5.10                              | 7.10                             | 91.93                          | 6.07                                   | 7.57                                  | 85.33              | 6.37                       | 6.60                      | 89.03                   | 6.30                            | 7.33                           |
| PSG     | 04-4 Lp         | 9.67               | 100.00     | 6.33        | 86.53                                    | 5.13                              | 6.97                             | 90.80                          | 5.60                                   | 7.43                                  | 81.90              | 6.70                       | 6.70                      | 87.67                   | 6.83                            | 7.33                           |
| DLF-IS  | IS-PR 344       | 8.00               | 100.00     | 9.67        | 87.23                                    | 5.80                              | 7.27                             | 91.43                          | 6.20                                   | 7.70                                  | 86.90              | 6.80                       | 6.83                      | 90.27                   | 7.00                            | 7.33                           |
| NexGen  | APR2037         | 9.67               | 100.00     | 7.67        | 87.90                                    | 5.40                              | 7.13                             | 91.57                          | 6.07                                   | 7.60                                  | 85.27              | 6.57                       | 6.77                      | 89.23                   | 6.73                            | 7.30                           |
| NexGen  | APR2034         | 9.67               | 100.00     | 9.67        | 88.80                                    | 4.97                              | 7.10                             | 92.07                          | 6.07                                   | 7.60                                  | 86.63              | 6.30                       | 6.77                      | 89.73                   | 6.53                            | 7.27                           |
| PSG     | 04-10 Lp        | 10.33              | 100.00     | 6.67        | 86.23                                    | 5.60                              | 7.17                             | 91.07                          | 6.47                                   | 7.60                                  | 84.20              | 6.77                       | 6.83                      | 88.30                   | 6.70                            | 7.27                           |
| PST     | PST-2AG4        | 10.67              | 100.00     | 7.67        | 88.53                                    | 5.97                              | 7.43                             | 91.93                          | 6.73                                   | 7.77                                  | 88.13              | 6.80                       | 6.93                      | 90.23                   | 6.67                            | 7.27                           |
| DLF-IS  | IS-PR 382       | 8.33               | 100.00     | 8.00        | 88.63                                    | 5.37                              | 7.13                             | 92.27                          | 6.20                                   | 7.73                                  | 83.27              | 6.63                       | 6.77                      | 88.73                   | 6.73                            | 7.27                           |
| Rutgers | HU-1            | 10.00              | 100.00     | 7.00        | 89.03                                    | 5.77                              | 7.37                             | 92.37                          | 6.23                                   | 7.77                                  | 83.73              | 6.33                       | 6.70                      | 88.43                   | 6.43                            | 7.23                           |
| Rutgers | Paragon GLR     | 9.33               | 100.00     | 9.33        | 87.60                                    | 4.90                              | 7.03                             | 90.93                          | 6.20                                   | 7.47                                  | 82.83              | 6.57                       | 6.63                      | 88.07                   | 6.60                            | 7.23                           |
| PSG     | GL3             | 11.67              | 100.00     | 7.00        | 88.63                                    | 5.50                              | 7.10                             | 91.20                          | 5.73                                   | 7.37                                  | 83.80              | 6.53                       | 6.70                      | 88.07                   | 6.60                            | 7.23                           |
| PSG     | Dasher 3        | 8.67               | 98.33      | 9.33        | 88.23                                    | 5.87                              | 7.30                             | 91.83                          | 6.47                                   | 7.67                                  | 85.33              | 6.43                       | 6.63                      | 89.30                   | 6.70                            | 7.23                           |
| PSG     | 05-SP-1         | 9.33               | 100.00     | 8.00        | 86.93                                    | 5.47                              | 7.00                             | 90.67                          | 6.43                                   | 7.50                                  | 84.97              | 6.80                       | 6.53                      | 88.97                   | 6.67                            | 7.23                           |
| PST     | PST-2GSSB       | 10.00              | 100.00     | 7.00        | 86.77                                    | 4.87                              | 6.80                             | 91.13                          | 6.27                                   | 7.50                                  | 83.40              | 6.47                       | 6.67                      | 88.13                   | 6.70                            | 7.23                           |
| PST     | Manhattan 5 GLR | 10.00              | 100.00     | 5.00        | 88.43                                    | 5.23                              | 7.13                             | 91.63                          | 5.87                                   | 7.63                                  | 86.53              | 6.47                       | 6.73                      | 89.47                   | 6.47                            | 7.20                           |
| DLF-IS  | IS-PR 377       | 8.33               | 100.00     | 12.00       | 86.37                                    | 5.37                              | 6.83                             | 90.47                          | 5.87                                   | 7.50                                  | 82.60              | 6.30                       | 6.50                      | 87.90                   | 6.60                            | 7.20                           |
| NexGen  | APR2089         | 7.67               | 100.00     | 9.00        | 87.77                                    | 4.93                              | 6.90                             | 91.23                          | 6.13                                   | 7.53                                  | 85.37              | 6.77                       | 6.70                      | 89.30                   | 6.67                            | 7.17                           |
| NexGen  | APR2013         | 9.00               | 100.00     | 7.33        | 87.47                                    | 5.30                              | 7.13                             | 91.33                          | 5.60                                   | 7.50                                  | 84.13              | 6.67                       | 6.70                      | 88.40                   | 6.53                            | 7.17                           |
| NexGen  | APR2026         | 8.33               | 98.33      | 7.33        | 89.07                                    | 6.30                              | 7.43                             | 91.63                          | 6.30                                   | 7.60                                  | 85.23              | 6.43                       | 6.73                      | 89.17                   | 6.67                            | 7.17                           |
| NexGen  | APR2032         | 10.67              | 97.33      | 11.00       | 89.23                                    | 5.97                              | 7.53                             | 92.13                          | 6.40                                   | 7.70                                  | 85.10              | 6.53                       | 6.80                      | 88.77                   | 6.53                            | 7.17                           |
| Rutgers | GL-31           | 10.00              | 100.00     | 7.00        | 88.63                                    | 5.10                              | 7.07                             | 92.00                          | 5.93                                   | 7.53                                  | 81.30              | 6.40                       | 6.50                      | 87.63                   | 6.40                            | 7.17                           |
| Rutgers | Soprano         | 10.00              | 98.33      | 10.00       | 88.63                                    | 6.80                              | 7.70                             | 91.83                          | 7.30                                   | 7.83                                  | 85.53              | 6.67                       | 6.70                      | 88.73                   | 6.73                            | 7.17                           |
| Rutgers | LineDrive GLS   | 9.00               | 100.00     | 8.67        | 88.77                                    | 5.37                              | 7.20                             | 92.03                          | 6.07                                   | 7.67                                  | 81.17              | 6.63                       | 6.50                      | 87.50                   | 6.63                            | 7.17                           |
| PSG     | Zoom            | 11.00              | 100.00     | 6.67        | 87.10                                    | 5.30                              | 7.07                             | 91.60                          | 5.97                                   | 7.67                                  | 82.57              | 6.40                       | 6.37                      | 87.60                   | 6.63                            | 7.17                           |
| PSG     | A01PR Bulk      | 10.00              | 100.00     | 8.67        | 87.67                                    | 5.67                              | 7.20                             | 91.27                          | 6.40                                   | 7.57                                  | 82.00              | 6.50                       | 6.53                      | 87.60                   | 6.57                            | 7.17                           |
| PSG     | 06-C Lp EDB     | 10.67              | 100.00     | 8.67        | 86.47                                    | 4.97                              | 6.97                             | 90.80                          | 5.83                                   | 7.50                                  | 82.50              | 6.40                       | 6.43                      | 87.90                   | 6.70                            | 7.17                           |
| PST     | PST-Syn-2GR7    | 10.33              | 100.00     | 8.00        | 86.47                                    | 4.73                              | 6.87                             | 91.00                          | 6.00                                   | 7.43                                  | 83.03              | 6.37                       | 6.27                      | 87.93                   | 6.40                            | 7.17                           |
| PST     | PST-21N4        | 10.00              | 100.00     | 7.67        | 87.10                                    | 5.63                              | 7.17                             | 90.97                          | 5.97                                   | 7.77                                  | 84.73              | 6.47                       | 6.60                      | 88.40                   | 6.70                            | 7.17                           |
| DLF-IS  | IS-PR 313       | 11.67              | 100.00     | 10.00       | 88.73                                    | 5.40                              | 7.33                             | 91.70                          | 6.23                                   | 7.63                                  | 80.87              | 6.57                       | 6.37                      | 87.20                   | 6.67                            | 7.17                           |
| DLF-IS  | All-Star 3      | 9.00               | 100.00     | 7.33        | 90.50                                    | 6.00                              | 7.63                             | 93.10                          | 6.13                                   | 7.83                                  | 81.23              | 6.67                       | 6.57                      | 87.83                   | 6.93                            | 7.17                           |
| NexGen  | APR2096         | 11.00              | 100.00     | 10.33       | 82.97                                    | 5.93                              | 6.83                             | 89.73                          | 6.37                                   | 7.53                                  | 86.73              | 6.60                       | 6.50                      | 88.73                   | 6.47                            | 7.13                           |
| Rutgers | Protege GLR     | 9.33               | 100.00     | 10.67       | 88.23                                    | 5.37                              | 7.07                             | 91.60                          | 6.10                                   | 7.63                                  | 84.00              | 6.63                       | 6.57                      | 88.57                   | 6.83                            | 7.13                           |
| PST     | PST-2TSE        | 11.00              | 100.00     | 8.33        | 86.73                                    | 4.77                              | 6.77                             | 91.03                          | 5.53                                   | 7.27                                  | 85.17              | 6.13                       | 6.40                      | 89.00                   | 6.10                            | 7.13                           |
| PST     | PST-2NMK        | 11.00              | 100.00     | 8.00        | 84.70                                    | 4.17                              | 6.23                             | 88.90                          | 5.07                                   | 7.10                                  | 80.90              | 6.20                       | 6.40                      | 87.10                   | 6.40                            | 7.13                           |
| PST     | PST-2MNG        | 10.00              | 100.00     | 10.33       | 86.03                                    | 4.60                              | 6.63                             | 90.67                          | 5.80                                   | 7.40                                  | 83.37              | 6.33                       | 6.47                      | 88.20                   | 6.43                            | 7.13                           |
| NexGen  | APR2036         | 9.33               | 97.33      | 8.67        | 87.50                                    | 5.30                              | 7.07                             | 91.00                          | 6.07                                   | 7.50                                  | 85.23              | 6.50                       | 6.57                      | 89.23                   | 6.57                            | 7.10                           |
| Rutgers | HP-1            | 7.67               | 100.00     | 11.67       | 88.17                                    | 4.60                              | 6.83                             | 91.83                          | 5.40                                   | 7.43                                  | 80.70              | 5.97                       | 6.17                      | 87.67                   | 6.33                            | 7.10                           |
| Rutgers | Palmer V        | 8.33               | 100.00     | 9.33        | 88.90                                    | 5.93                              | 7.27                             | 91.97                          | 6.27                                   | 7.63                                  | 82.47              | 6.10                       | 6.23                      | 88.10                   | 6.60                            | 7.10                           |
| Rutgers | APR1666         | 9.67               | 100.00     | 7.00        | 88.63                                    | 5.30                              | 7.17                             | 92.13                          | 6.10                                   | 7.53                                  | 83.30              | 6.40                       | 6.60                      | 88.33                   | 6.47                            | 7.10                           |
| PSG     | SR 4600         | 10.33              | 100.00     | 7.33        | 90.23                                    | 5.60                              | 7.47                             | 92.57                          | 6.43                                   | 7.63                                  | 82.10              | 6.37                       | 6.53                      | 87.93                   | 6.43                            | 7.10                           |
| PST     | PST-2COL        | 9.33               | 100.00     | 11.67       | 86.17                                    | 5.10                              | 6.83                             | 90.33                          | 6.03                                   | 7.37                                  | 79.67              | 6.23                       | 6.07                      | 86.70                   | 6.53                            | 7.10                           |
| PST     | PST-2J15        | 9.00               | 97.33      | 11.00       | 87.47                                    | 5.07                              | 7.00                             | 90.87                          | 5.90                                   | 7.47                                  | 81.37              | 6.30                       | 6.30                      | 87.23                   | 6.50                            | 7.10                           |
| PST     | PST-2MAGS       | 10.67              | 100.00     | 10.33       | 87.33                                    | 5.30                              | 7.07                             | 90.93                          | 6.20                                   | 7.63                                  | 85.03              | 6.47                       | 6.50                      | 88.93                   | 6.67                            | 7.10                           |
| DLF-IS  | IS-PR 341       | 10.00              | 98.33      | 9.33        | 87.60                                    | 5.23                              | 7.03                             | 91.63                          | 6.10                                   | 7.53                                  | 80.20              | 6.20                       | 6.27                      | 87.07                   | 6.57                            | 7.10                           |
| NexGen  | APR2038         | 10.00              | 100.00     | 9.33        | 86.40                                    | 5.10                              | 6.90                             | 91.17                          | 5.57                                   | 7.47                                  | 83.53              | 6.20                       | 6.43                      | 87.93                   | 6.33                            | 7.07                           |
| NexGen  | APR1965         | 10.00              | 100.00     | 11.00       | 86.80                                    | 4.77                              | 6.93                             | 91.07                          | 6.07                                   | 7.50                                  | 79.83              | 5.97                       | 6.13                      | 86.83                   | 6.27                            | 7.07                           |
| Rutgers | Pizzazz         | 8.33               | 100.00     | 9.00        | 83.70                                    | 5.80                              | 6.93                             | 89.90                          | 6.37                                   | 7.40                                  | 80.50              | 6.50                       | 6.27                      | 86.57                   | 6.53                            | 7.07                           |
| PSG     | PM 102          | 8.67               | 100.00     | 11.33       | 85.33                                    | 5.13                              | 6.83                             | 89.97                          | 5.83                                   | 7.53                                  | 78.13              | 6.27                       | 6.00                      | 85.90                   | 6.70                            | 7.07                           |
| PSG     | MD-07           | 11.00              | 100.00     | 8.00        | 88.57                                    | 6.63                              | 7.57                             | 91.53                          | 6.83                                   | 7.80                                  | 84.63              | 6.67                       | 6.70                      | 88.03                   | 6.63                            | 7.07                           |
| PSG     | 06-Z Lp         | 11.67              | 100.00     | 6.67        | 86.63                                    | 5.23                              | 7.00                             | 90.70                          | 6.03                                   | 7.43                                  | 83.87              | 6.27                       | 6.43                      | 88.00                   | 6.23                            | 7.07                           |
| PSG     | 06-B Lp         | 9.33               | 100.00     | 7.33        | 86.90                                    | 5.07                              | 7.07                             | 91.10                          | 6.13                                   | 7.60                                  | 84.13              | 6.33                       | 6.50                      | 88.43                   | 6.33                            | 7.07                           |
| PST     | PST-2R57S Bulk  | 13.00              | 100.00     | 7.00        | 87.03                                    | 5.40                              | 7.17                             | 90.47                          | 5.60                                   | 7.47                                  | 84.90              | 6.40                       | 6.70                      | 88.13                   | 6.40                            | 7.07                           |
| PST     | PST-2R9R-05     | 10.67              | 98.33      | 7.33        | 87.63                                    | 5.30                              | 7.17                             | 90.70                          | 6.03                                   | 7.60                                  | 81.07              | 6.20                       | 6.57                      | 86.77                   | 6.27                            | 7.07                           |
| DLF-IS  | IS-PR 381       | 12.00              | 100.00     | 10.67       | 89.27                                    | 5.70                              | 7.43                             | 91.90                          | 5.90                                   | 7.67                                  | 83.27              | 6.43                       | 6.60                      | 87.83                   | 6.47                            | 7.07                           |
| NexGen  | APR2090         | 11.67              | 100.00     | 6.33        | 87.27                                    | 4.97                              | 6.93                             | 91.13                          | 5.77                                   | 7.47                                  | 82.13              | 6.30                       | 6.37                      | 87.57                   | 6.43                            | 7.03                           |
| NexGen  | APR2035         | 12.00              | 100.00     | 8.00        | 86.03                                    | 4.53                              | 6.70                             | 90.57                          | 5.67                                   | 7.40                                  | 82.67              | 6.43                       | 6.47                      | 87.33                   | 6.20                            | 7.03                           |
| NexGen  | APR2064         | 11.00              | 100.00     | 10.67       | 87.13                                    | 5.40                              | 7.00                             | 90.77                          | 5.90                                   | 7.57                                  | 82.63              | 6.27                       | 6.23                      | 88.10                   | 6.47                            | 7.03                           |
| PSG     | 06-J Lp         | 8.67               | 100.00     | 9.33        | 86.83                                    | 5.47                              | 7.20                             | 90.93                          | 6.13                                   | 7.50                                  | 81.87              | 6.37                       | 6.37                      | 87.53                   | 6.63                            | 7.03                           |
| PST     | PST-Syn-204D    | 11.67              | 100.00     | 7.33        | 86.03                                    | 4.87                              | 6.70                             | 89.93                          | 6.13                                   | 7.23                                  | 82.73              | 6.20                       | 6.30                      | 87.30                   | 6.37                            | 7.03                           |
| PST     | PST-2NKMS       | 10.67              | 100.00     | 6.00        | 85.90                                    | 4.63                              | 6.67                             | 90.43                          | 5.50                                   | 7.37                                  | 82.07              | 6.40                       | 6.47                      | 87.03                   | 6.43                            | 7.03                           |
| PST     | PST-2101-07     | 10.00              | 100.00     | 9.33        | 87.53                                    | 5.43                              | 6.97                             | 91.03                          | 5.70                                   | 7.43                                  | 82.80              | 6.43                       | 6.43                      | 87.57                   | 6.43                            | 7.03                           |
| DLF-IS  | IS-PR 411       | 10.67              | 100.00     | 8.00        | 87.83                                    | 5.67                              | 7.20                             | 91.33                          | 6.43                                   | 7.60                                  | 82.67              | 6.47                       | 6.43                      | 87.83                   | 6.57                            | 7.03                           |
| NexGen  | Applaud II      | 9.67               | 100.00     | 11.67       | 88.30                                    | 5.27                              | 7.17                             | 91.60                          | 6.27                                   | 7.67                                  | 81.43              | 6.37                       | 6.33                      | 87.57                   | 6.30                            | 7.00                           |
| NexGen  | Applaud         | 10.67              | 100.00     | 13.33       | 81.90                                    | 5.73                              | 6.60                             | 88.47                          | 6.37                                   | 7.20                                  | 82.10              | 6.50                       | 6.23                      | 86.83                   | 6.53                            | 7.00                           |
| PSG     | 06-K Lp         | 11.33              | 100.00     | 8.33        | 87.93                                    | 5.57                              | 7.43                             | 90.87                          | 6.47                                   | 7.70                                  | 83.57              | 6.47                       | 6.53                      | 87.63                   | 6.53                            | 7.00                           |
| PST     | PST-Syn-2US7    | 10.67              | 98.33      | 9.00        | 88.70                                    | 5.53                              | 7.40                             | 91.70                          | 5.87                                   | 7.67                                  | 81.77              | 6.30                       | 6.27                      | 87.27                   | 6.43                            | 7.00                           |
| NexGen  | APR2075         | 8.67               | 100.00     | 9.67        | 85.70                                    | 4.40                              | 6.57                             | 89.77                          | 5.30                                   | 7.03                                  | 86.23              | 6.20                       | 6.37                      | 89.03                   | 6.03                            | 6.97                           |

| SPONSOR    | CULTIVAR      | Pythium | Red Thread | Dollar Spot | Average Winter Cover 2009 | Average Winter Genetic Color 2009 | Average Winter Turf Quality 2009 | Average Winter Cover 2008-2009 | Average Winter Genetic Color 2008-2009 | Average Winter Turf Quality 2008-2009 | Average Cover 2009 | Average Genetic Color 2009 | Average Turf Quality 2009 | Average Cover 2008-2009 | Average Genetic Color 2008-2009 | Average Turf Quality 2008-2009 |
|------------|---------------|---------|------------|-------------|---------------------------|-----------------------------------|----------------------------------|--------------------------------|--|---------------------------------------|--------------------|----------------------------|---------------------------|-------------------------|---------------------------------|--------------------------------|
| NexGen     | APR1979       | 11.67   | 100.00     | 11.00       | 87.37                     | 5.37                              | 7.10                             | 91.20                          | 6.23                                   | 7.43                                  | 82.80              | 6.27                       | 6.40                      | 87.43                   | 6.47                            | 6.97                           |
| NexGen     | APR2033       | 10.67   | 100.00     | 7.33        | 86.63                     | 5.87                              | 6.97                             | 91.20                          | 6.27                                   | 7.60                                  | 83.17              | 6.47                       | 6.53                      | 87.37                   | 6.43                            | 6.97                           |
| PSG        | Pick EJ       | 11.00   | 100.00     | 9.33        | 82.83                     | 4.93                              | 6.23                             | 88.60                          | 5.57                                   | 7.00                                  | 83.40              | 6.43                       | 6.33                      | 87.40                   | 6.30                            | 6.97                           |
| PSG        | 06-N Lp       | 12.33   | 100.00     | 9.33        | 86.57                     | 4.83                              | 6.80                             | 91.07                          | 5.93                                   | 7.37                                  | 81.87              | 6.33                       | 6.43                      | 87.23                   | 6.27                            | 6.97                           |
| PST        | PST-Syn-2R57  | 9.33    | 97.33      | 11.33       | 87.70                     | 5.23                              | 7.17                             | 91.30                          | 6.23                                   | 7.60                                  | 83.67              | 6.60                       | 6.43                      | 88.23                   | 6.43                            | 6.97                           |
| PST        | PST-2MG7 Bulk | 11.00   | 100.00     | 9.00        | 85.37                     | 5.10                              | 6.80                             | 89.47                          | 5.67                                   | 7.33                                  | 83.03              | 6.50                       | 6.37                      | 87.27                   | 6.60                            | 6.97                           |
| PST        | PST-2LAN      | 10.67   | 100.00     | 12.00       | 85.77                     | 4.93                              | 6.73                             | 89.90                          | 5.60                                   | 7.13                                  | 83.97              | 6.10                       | 6.17                      | 88.23                   | 6.27                            | 6.97                           |
| PST        | PST-2TQL      | 10.33   | 100.00     | 8.00        | 85.63                     | 5.00                              | 6.93                             | 90.00                          | 5.97                                   | 7.57                                  | 83.67              | 6.30                       | 6.27                      | 87.93                   | 6.57                            | 6.97                           |
| Rutgers    | Integra II    | 11.00   | 100.00     | 8.33        | 87.03                     | 5.47                              | 7.03                             | 91.50                          | 6.23                                   | 7.67                                  | 80.30              | 6.10                       | 6.13                      | 86.57                   | 6.27                            | 6.93                           |
| Rutgers    | 1GSquared     | 13.33   | 96.67      | 12.67       | 87.93                     | 5.17                              | 6.53                             | 91.73                          | 6.27                                   | 7.33                                  | 80.13              | 6.10                       | 6.03                      | 86.87                   | 6.53                            | 6.93                           |
| Rutgers    | Prelude IV    | 8.00    | 100.00     | 8.00        | 85.57                     | 4.87                              | 6.77                             | 90.37                          | 6.20                                   | 7.50                                  | 77.33              | 5.87                       | 5.93                      | 85.33                   | 6.27                            | 6.93                           |
| PSG        | Penguin 2     | 11.00   | 100.00     | 9.67        | 87.03                     | 4.93                              | 6.83                             | 91.50                          | 5.40                                   | 7.33                                  | 82.57              | 6.20                       | 6.17                      | 87.27                   | 6.10                            | 6.93                           |
| PSG        | 06-C Lp ACF   | 9.00    | 100.00     | 13.33       | 85.63                     | 5.63                              | 7.07                             | 90.13                          | 5.97                                   | 7.57                                  | 81.13              | 6.23                       | 6.03                      | 87.40                   | 6.53                            | 6.93                           |
| PSG        | Calypto III   | 9.00    | 100.00     | 10.33       | 85.30                     | 5.47                              | 6.83                             | 90.07                          | 6.23                                   | 7.37                                  | 78.63              | 6.50                       | 6.23                      | 85.70                   | 6.57                            | 6.93                           |
| PST        | PST-2USD      | 10.33   | 100.00     | 8.67        | 85.40                     | 5.13                              | 6.80                             | 88.83                          | 5.73                                   | 7.10                                  | 81.33              | 6.33                       | 6.20                      | 86.70                   | 6.63                            | 6.93                           |
| PST        | Silver Dollar | 9.00    | 100.00     | 7.67        | 87.20                     | 5.03                              | 6.87                             | 88.87                          | 5.33                                   | 7.10                                  | 81.67              | 6.53                       | 6.40                      | 86.87                   | 6.40                            | 6.93                           |
| DLF-IS     | IS-PR 378     | 10.00   | 100.00     | 7.33        | 87.43                     | 5.13                              | 6.97                             | 91.37                          | 6.10                                   | 7.50                                  | 82.13              | 6.37                       | 6.40                      | 87.80                   | 6.47                            | 6.93                           |
| NexGen     | APR1959       | 11.00   | 98.33      | 8.67        | 87.00                     | 4.90                              | 6.67                             | 90.60                          | 5.67                                   | 7.27                                  | 84.60              | 6.37                       | 6.37                      | 88.17                   | 6.27                            | 6.93                           |
| NexGen     | APR1978       | 10.00   | 98.33      | 8.00        | 88.53                     | 5.57                              | 7.07                             | 89.40                          | 5.60                                   | 6.93                                  | 83.33              | 6.10                       | 6.40                      | 87.80                   | 6.20                            | 6.90                           |
| PSG        | 06-H Lp       | 12.33   | 100.00     | 11.00       | 86.53                     | 4.97                              | 6.90                             | 91.43                          | 6.10                                   | 7.53                                  | 79.60              | 5.93                       | 5.93                      | 86.20                   | 6.07                            | 6.90                           |
| PSG        | SRX 4TPCS     | 11.00   | 100.00     | 9.33        | 87.07                     | 5.77                              | 7.23                             | 90.83                          | 5.60                                   | 7.40                                  | 84.10              | 6.53                       | 6.30                      | 87.73                   | 6.37                            | 6.90                           |
| NexGen     | APR1977       | 11.00   | 100.00     | 8.67        | 85.70                     | 4.50                              | 6.67                             | 89.73                          | 4.93                                   | 7.27                                  | 78.83              | 6.30                       | 6.13                      | 85.70                   | 6.10                            | 6.87                           |
| NexGen     | APR1980       | 20.33   | 100.00     | 12.00       | 86.33                     | 5.47                              | 7.03                             | 91.27                          | 6.17                                   | 7.57                                  | 83.90              | 6.43                       | 6.43                      | 87.17                   | 6.40                            | 6.87                           |
| NexGen     | APR2031       | 10.00   | 98.33      | 8.33        | 85.17                     | 4.67                              | 6.53                             | 90.23                          | 5.80                                   | 7.33                                  | 79.77              | 6.27                       | 6.10                      | 86.37                   | 6.30                            | 6.87                           |
| PSG        | 04-18 Lp      | 8.67    | 98.33      | 9.00        | 85.77                     | 5.53                              | 7.07                             | 90.10                          | 6.30                                   | 7.57                                  | 81.17              | 6.27                       | 6.20                      | 86.13                   | 6.50                            | 6.87                           |
| PSG        | 06-I Lp       | 10.67   | 100.00     | 11.33       | 85.83                     | 5.03                              | 6.87                             | 89.87                          | 6.17                                   | 7.37                                  | 78.70              | 6.17                       | 6.00                      | 85.53                   | 6.37                            | 6.87                           |
| NexGen     | APR2024       | 11.33   | 100.00     | 15.00       | 85.87                     | 4.77                              | 6.77                             | 90.13                          | 5.67                                   | 7.43                                  | 80.17              | 5.87                       | 6.03                      | 86.53                   | 6.30                            | 6.83                           |
| PST        | PST-2MAX-07   | 11.33   | 98.33      | 8.67        | 83.13                     | 4.70                              | 6.40                             | 87.87                          | 5.20                                   | 6.97                                  | 81.40              | 6.10                       | 6.10                      | 86.10                   | 6.20                            | 6.80                           |
| NexGen     | Cutter        | 10.67   | 100.00     | 8.00        | 85.17                     | 5.00                              | 6.53                             | 89.90                          | 5.47                                   | 7.13                                  | 78.80              | 5.63                       | 5.83                      | 85.20                   | 5.63                            | 6.73                           |
| PST        | PST-2SNS      | 11.00   | 100.00     | 14.00       | 86.77                     | 4.87                              | 6.93                             | 90.67                          | 5.97                                   | 7.40                                  | 80.33              | 6.13                       | 5.87                      | 86.17                   | 5.93                            | 6.73                           |
| Rutgers    | Jet           | 9.33    | 100.00     | 13.67       | 81.20                     | 5.43                              | 6.57                             | 88.87                          | 6.17                                   | 7.20                                  | 76.30              | 6.03                       | 5.73                      | 83.07                   | 6.03                            | 6.70                           |
| PSG        | SR 45 AB      | 13.00   | 100.00     | 12.67       | 85.70                     | 5.10                              | 6.87                             | 89.73                          | 6.10                                   | 7.30                                  | 80.90              | 6.07                       | 5.90                      | 85.67                   | 5.97                            | 6.63                           |
| DLF-IS     | MBH2          | 11.33   | 98.33      | 8.00        | 82.07                     | 5.33                              | 6.43                             | 89.07                          | 5.73                                   | 7.13                                  | 78.40              | 5.87                       | 5.77                      | 83.80                   | 5.83                            | 6.60                           |
| DLF-IS     | Manhattan II  | 12.33   | 100.00     | 11.67       | 81.17                     | 4.03                              | 5.90                             | 88.60                          | 4.97                                   | 6.73                                  | 72.27              | 5.57                       | 5.40                      | 81.90                   | 5.23                            | 6.37                           |
| CV         |               | 27.68   | 1.45       | 37.65       | 3.04                      | 14.20                             | 6.69                             | 1.56                           | 9.41                                   | 3.90                                  | 4.06               | 5.52                       | 5.63                      | 1.97                    | 4.36                            | 3.18                           |
| LSD        |               | 3.85    | 1.94       | 4.63        | 3.56                      | 1.01                              | 0.63                             | 1.92                           | 0.76                                   | 0.39                                  | 4.52               | 0.47                       | 0.49                      | 2.33                    | 0.38                            | 0.30                           |
| GRAND MEAN |               | 10.32   | 99.68      | 9.11        | 86.90                     | 5.27                              | 6.99                             | 90.88                          | 6.00                                   | 7.47                                  | 82.56              | 6.36                       | 6.40                      | 87.61                   | 6.45                            | 7.06                           |
| MIN. MEAN  |               | 7.67    | 96.67      | 5.00        | 81.17                     | 4.03                              | 5.90                             | 87.87                          | 4.93                                   | 6.73                                  | 72.27              | 5.57                       | 5.40                      | 81.90                   | 5.23                            | 6.37                           |
| MAX. MEAN  |               | 20.33   | 100.00     | 15.00       | 91.10                     | 6.80                              | 7.70                             | 93.43                          | 7.30                                   | 7.83                                  | 88.13              | 6.80                       | 6.93                      | 90.27                   | 7.00                            | 7.43                           |

Pythium = 1-100; 100=Complete Infection  
 Red Thread = 1-100; 0=Complete Infection  
 Dollar Spot = 1-100; 100=Complete Infection  
 Average Winter Cover 2009 = 1-100; 100=Complete Cover (4 ratings)  
 Average Winter Genetic Color 2009 = 1-9; 9=Darkest (4 ratings)  
 Average Winter Turf Quality 2009 = 1-9; 9=Best (4 ratings)  
 Average Winter Cover 2008-2009 = 1-100; 100=Complete Cover (9 ratings, 2 years of data)  
 Average Winter Genetic Color 2008-2009 = 1-9; 9=Darkest (9 ratings, 2 years of data)  
 Average Winter Turf Quality 2008-2009 = 1-9; 9=Best (9 ratings, 2 years of data)  
 Average Cover 2009 = 1-100; 100=Complete Cover (7 ratings)  
 Average Genetic Color 2009 = 1-9; 9=Darkest (7 ratings)  
 Average Turf Quality 2009 = 1-9; 9=Best (7 ratings)  
 Average Cover 2008-2009 = 1-100; 100=Complete Cover (15 ratings, 2 years of data)  
 Average Genetic Color 2008-2009 = 1-9; 9=Darkest (15 ratings, 2 years of data)  
 Average Turf Quality 2008-2009 = 1-9; 9=Best (15 ratings, 2 years of data)

CTBT: 2007 Trial  
 Perennial Ryegrass Turf Trial  
 Location: Blacksburg, Virginia  
 Cooperator: Dr. Mike Goatley

2009 Data

| SPONSOR | CULTIVAR              | Subjective Ratings |             |                           |                                 |                                |
|---------|-----------------------|--------------------|-------------|---------------------------|---------------------------------|--------------------------------|
|         |                       | Percent Cover      | Dollar Spot | Average Turf Quality 2009 | Average Percent Cover 2008-2009 | Average Turf Quality 2008-2009 |
| PSG     | A01PR Bulk            | 71.67              | 7.00        | 6.60                      | 65.00                           | 5.93                           |
| DLF-IS  | IS-PR 410             | 60.00              | 5.33        | 6.73                      | 60.00                           | 5.93                           |
| PST     | PST-2GSB              | 71.67              | 4.33        | 6.37                      | 67.67                           | 5.90                           |
| PSG     | MD-07                 | 70.00              | 5.00        | 6.37                      | 71.00                           | 5.87                           |
| Rutgers | GL-31                 | 75.00              | 5.00        | 6.17                      | 68.67                           | 5.83                           |
| Rutgers | Soprano               | 63.33              | 6.33        | 6.27                      | 60.33                           | 5.83                           |
| PSG     | 06-C Lp EDB           | 51.67              | 6.00        | 6.57                      | 54.33                           | 5.83                           |
| NexGen  | APR2036               | 60.00              | 5.67        | 6.60                      | 61.67                           | 5.80                           |
| NexGen  | Applaud II            | 68.33              | 5.00        | 6.40                      | 65.33                           | 5.80                           |
| PSG     | Seville 3 (GL3)       | 53.00              | 6.00        | 6.27                      | 61.33                           | 5.80                           |
| PST     | PST-21N4              | 60.00              | 5.67        | 6.47                      | 58.33                           | 5.80                           |
| DLF-IS  | All*Star 3            | 61.67              | 5.33        | 6.43                      | 65.00                           | 5.80                           |
| Rutgers | HU-1                  | 50.00              | 6.33        | 6.13                      | 55.33                           | 5.77                           |
| Rutgers | HP-1                  | 65.00              | 5.67        | 6.40                      | 63.67                           | 5.77                           |
| PSG     | Express II (Pick EJ)  | 58.33              | 5.67        | 6.17                      | 58.33                           | 5.77                           |
| PST     | PST-2MG7 Bulk         | 56.67              | 5.33        | 6.20                      | 58.00                           | 5.77                           |
| NexGen  | Applaud               | 68.33              | 6.33        | 6.20                      | 66.00                           | 5.73                           |
| Rutgers | LineDrive GLS         | 58.33              | 5.67        | 6.27                      | 61.00                           | 5.73                           |
| PSG     | 04-18 Lp              | 56.67              | 7.00        | 6.17                      | 61.00                           | 5.73                           |
| PSG     | Calypso III           | 76.67              | 7.00        | 6.17                      | 70.33                           | 5.73                           |
| PST     | Silver Dollar         | 65.00              | 7.33        | 6.17                      | 62.67                           | 5.73                           |
| DLF-IS  | IS-PR 340             | 60.00              | 4.33        | 6.33                      | 63.67                           | 5.73                           |
| NexGen  | APR1980               | 63.33              | 6.00        | 6.17                      | 60.33                           | 5.70                           |
| NexGen  | APR2032               | 65.00              | 6.33        | 5.80                      | 65.33                           | 5.70                           |
| PST     | PST-2COL              | 75.00              | 6.33        | 6.27                      | 66.33                           | 5.70                           |
| PST     | Gray Goose (PST-2J15) | 60.00              | 5.00        | 6.40                      | 60.33                           | 5.70                           |
| DLF-IS  | IS-PR 382             | 65.00              | 7.33        | 6.13                      | 66.67                           | 5.70                           |
| NexGen  | APR1959               | 53.33              | 6.00        | 6.07                      | 57.00                           | 5.70                           |
| NexGen  | APR2064               | 60.00              | 6.00        | 6.10                      | 60.00                           | 5.67                           |
| Rutgers | Palmer V              | 58.33              | 7.00        | 6.00                      | 64.33                           | 5.67                           |
| Rutgers | 1GSquared             | 66.67              | 6.67        | 5.97                      | 63.67                           | 5.67                           |
| Rutgers | Prelude IV            | 60.00              | 6.67        | 6.13                      | 62.67                           | 5.67                           |
| PSG     | Dasher 3              | 75.00              | 6.67        | 6.03                      | 69.33                           | 5.67                           |
| PST     | PST-2AG4              | 56.67              | 5.33        | 6.17                      | 58.00                           | 5.67                           |
| DLF-IS  | IS-PR 313             | 51.67              | 6.00        | 5.93                      | 57.00                           | 5.67                           |
| NexGen  | APR2037               | 53.33              | 6.33        | 6.27                      | 53.67                           | 5.63                           |
| Rutgers | Pizzazz               | 63.33              | 6.33        | 6.00                      | 61.00                           | 5.63                           |
| DLF-IS  | IS-PR 411             | 61.67              | 6.67        | 5.93                      | 62.67                           | 5.63                           |
| DLF-IS  | IS-PR 341             | 50.00              | 7.33        | 5.73                      | 56.33                           | 5.63                           |
| DLF-IS  | IS-PR 409             | 53.33              | 5.67        | 6.17                      | 53.33                           | 5.63                           |
| Rutgers | Paragon GLR           | 68.33              | 6.33        | 6.07                      | 66.00                           | 5.60                           |
| PSG     | PM 102                | 55.00              | 7.00        | 5.77                      | 58.67                           | 5.60                           |
| PSG     | 06-H Lp               | 55.00              | 6.33        | 6.00                      | 53.67                           | 5.60                           |
| PST     | PST-Syn-2US7          | 61.67              | 5.33        | 6.10                      | 61.33                           | 5.60                           |
| PST     | PST-2NKMS             | 56.67              | 6.33        | 5.93                      | 58.33                           | 5.60                           |
| PST     | Gray Fox (PST-2MNG)   | 58.33              | 7.00        | 6.17                      | 60.00                           | 5.60                           |
| DLF-IS  | IS-PR 342             | 40.00              | 6.00        | 6.10                      | 50.33                           | 5.60                           |
| NexGen  | APR2075               | 71.67              | 5.33        | 6.03                      | 66.67                           | 5.57                           |
| NexGen  | APR2090               | 56.67              | 6.00        | 5.77                      | 58.67                           | 5.57                           |
| NexGen  | APR2031               | 63.33              | 6.33        | 5.67                      | 61.00                           | 5.57                           |
| PSG     | 04-4 Lp               | 56.67              | 6.00        | 6.23                      | 56.67                           | 5.57                           |
| PSG     | Zoom                  | 61.67              | 7.33        | 5.87                      | 67.00                           | 5.57                           |
| PSG     | 06-K Lp               | 58.33              | 7.67        | 5.93                      | 61.33                           | 5.57                           |
| PST     | PST-2R57S Bulk        | 60.00              | 5.00        | 5.67                      | 60.33                           | 5.57                           |
| PST     | PST-2NKM              | 45.00              | 6.00        | 6.10                      | 55.33                           | 5.57                           |

|            |                    |       |       |      |       |      |
|------------|--------------------|-------|-------|------|-------|------|
| PST        | PST-2R9R-05        | 63.33 | 6.00  | 5.80 | 58.67 | 5.57 |
| DLF-IS     | IS-PR 344          | 51.67 | 6.00  | 6.10 | 55.33 | 5.57 |
| NexGen     | APR2026            | 46.67 | 5.33  | 5.83 | 54.33 | 5.53 |
| NexGen     | APR2034            | 65.00 | 7.33  | 5.83 | 68.67 | 5.53 |
| NexGen     | APR2035            | 51.67 | 6.33  | 5.90 | 54.33 | 5.53 |
| NexGen     | APR1965            | 53.33 | 6.00  | 5.77 | 51.00 | 5.53 |
| Rutgers    | Jet                | 71.67 | 6.67  | 5.93 | 73.67 | 5.53 |
| Rutgers    | APR1666            | 63.33 | 5.67  | 5.83 | 60.33 | 5.53 |
| PSG        | 06-J Lp            | 51.67 | 6.00  | 6.30 | 52.00 | 5.53 |
| PSG        | 06-B Lp            | 55.00 | 6.00  | 6.07 | 56.33 | 5.53 |
| PSG        | 05-SP-I            | 61.67 | 7.33  | 5.73 | 60.00 | 5.53 |
| PST        | PST-2TQL           | 48.33 | 5.67  | 5.90 | 58.67 | 5.53 |
| Rutgers    | Integra II         | 61.67 | 6.33  | 5.83 | 61.00 | 5.50 |
| PST        | PST-Syn-204D       | 66.67 | 5.67  | 5.93 | 64.33 | 5.50 |
| PST        | PST-2USD           | 56.67 | 5.67  | 5.73 | 56.00 | 5.50 |
| DLF-IS     | IS-PR 381          | 56.67 | 6.33  | 5.97 | 61.67 | 5.50 |
| NexGen     | APR1978            | 65.00 | 6.67  | 5.87 | 67.67 | 5.47 |
| NexGen     | APR2025            | 55.00 | 5.00  | 5.87 | 55.67 | 5.47 |
| NexGen     | APR2033            | 48.33 | 6.00  | 5.83 | 56.67 | 5.47 |
| NexGen     | APR2038            | 65.00 | 5.33  | 5.80 | 65.33 | 5.47 |
| PSG        | 06-C Lp ACF        | 56.67 | 7.00  | 5.73 | 57.67 | 5.47 |
| PSG        | 06-I Lp            | 43.33 | 7.33  | 5.57 | 51.67 | 5.47 |
| PST        | PST-2TSE           | 55.00 | 5.33  | 5.80 | 62.00 | 5.47 |
| NexGen     | APR2096            | 56.67 | 5.67  | 5.67 | 51.67 | 5.43 |
| PSG        | 04-10 Lp           | 55.00 | 6.67  | 5.70 | 55.33 | 5.43 |
| PSG        | 06-N Lp            | 60.00 | 7.00  | 5.73 | 63.67 | 5.43 |
| DLF-IS     | IS-PR 378          | 53.33 | 6.00  | 5.73 | 52.67 | 5.43 |
| NexGen     | APR1979            | 65.00 | 7.00  | 5.47 | 62.00 | 5.40 |
| NexGen     | APR2013            | 51.67 | 5.33  | 5.73 | 50.33 | 5.40 |
| PST        | PST-Syn-2R57       | 53.33 | 6.33  | 5.73 | 53.33 | 5.40 |
| DLF-IS     | IS-PR 377          | 45.00 | 6.00  | 5.53 | 51.67 | 5.40 |
| PST        | Manhattan 5 GLR    | 60.00 | 6.67  | 5.80 | 63.67 | 5.37 |
| NexGen     | APR1977            | 51.67 | 7.00  | 5.63 | 59.33 | 5.33 |
| PSG        | Penguin 2          | 80.00 | 7.33  | 5.50 | 75.00 | 5.33 |
| PSG        | SR 4600            | 43.33 | 6.67  | 5.67 | 52.00 | 5.33 |
| PST        | PST-2MAGS          | 51.67 | 7.00  | 5.70 | 56.33 | 5.33 |
| NexGen     | APR2024            | 51.67 | 7.33  | 5.57 | 55.33 | 5.30 |
| Rutgers    | Protege GLR        | 50.00 | 7.67  | 5.50 | 53.33 | 5.30 |
| PSG        | SRX 4TPCS          | 58.33 | 5.33  | 5.63 | 63.67 | 5.30 |
| DLF-IS     | MBH2               | 58.33 | 6.00  | 5.50 | 60.33 | 5.30 |
| NexGen     | APR2089            | 41.67 | 6.67  | 5.33 | 50.33 | 5.27 |
| PSG        | 06-Z Lp            | 45.00 | 6.00  | 5.53 | 50.33 | 5.27 |
| PST        | Plateau (PST-2LAN) | 68.33 | 5.67  | 5.63 | 67.00 | 5.27 |
| PST        | PST-2101-07        | 58.33 | 6.00  | 5.40 | 62.67 | 5.27 |
| NexGen     | Cutter             | 73.33 | 6.00  | 5.37 | 74.67 | 5.20 |
| PST        | PST-2SNS           | 63.33 | 6.67  | 5.23 | 63.67 | 5.17 |
| PST        | PST-2MAX-07        | 48.33 | 4.33  | 5.13 | 52.00 | 5.13 |
| PSG        | SR 45 AB           | 48.33 | 6.00  | 5.07 | 55.33 | 5.03 |
| DLF-IS     | Manhattan II       | 65.00 | 5.33  | 4.90 | 69.33 | 4.97 |
| PST        | PST-Syn-2GR7       | 50.00 | 6.67  | 4.83 | 54.33 | 4.93 |
| CV         |                    | 21.55 | 21.18 | 9.17 | 13.53 | 5.17 |
| LSD        |                    | 17.06 | 1.76  | 0.73 | 10.98 | 0.39 |
| GRAND MEAN |                    | 58.68 | 6.16  | 5.92 | 60.14 | 5.55 |
| MIN. MEAN  |                    | 40.00 | 4.33  | 4.83 | 50.33 | 4.93 |
| MAX. MEAN  |                    | 80.00 | 7.67  | 6.73 | 75.00 | 5.93 |

Percent Cover = 1-100; 100=Full Cover

Dollar Spot = 1-9; 9=Most Resistant

Average Turf Quality 2009 = 1-9; 9=Best (6 ratings)

Average Percent Cover 2008-2009 = 1-100; 100=Full Cover

Average Turf Quality 2008-2009 = 1-9; 9=Best (14 ratings, 2 years of data)

CTBT: 2007 Trial  
 Perennial Ryegrass Turf Trial  
 Location: Puyallup, Washington  
 Cooperator: Dr. Gwen Stahnke

2009 Data

| SPONSOR | CULTIVAR              | Subjective Ratings                             |  |                          |                                    |  |                                      |
|---------|-----------------------|--|--|--------------------------|------------------------------------|--|--------------------------------------|
|         |                       | Percent Poa<br>Annua<br>Infection<br>March '09 | Percent<br>Poa Annua<br>Infection<br>Sept. '09 | Genetic<br>Color<br>2009 | Average<br>Turf<br>Quality<br>2009 | Average<br>Genetic<br>Color 2008<br>2009 | Average<br>Turf Quality<br>2008-2009 |
| NexGen  | Applaud II            | 11.67  | 23.33  | 7.33                     | 4.43                               | 7.33                                     | 5.10                                 |
| PST     | PST-2SNS              | 26.67  | 35.00  | 7.00                     | 4.70                               | 6.67                                     | 4.97                                 |
| Rutgers | GL-31                 | 43.33  | 28.33  | 7.33                     | 4.23                               | 7.33                                     | 4.87                                 |
| PSG     | A01PR Bulk            | 11.67  | 20.00  | 7.67                     | 4.77                               | 8.00                                     | 4.87                                 |
| NexGen  | Applaud               | 23.33  | 20.00  | 7.33                     | 4.67                               | 7.20                                     | 4.83                                 |
| DLF-IS  | IS-PR 377             | 15.00  | 25.00  | 7.33                     | 4.37                               | 7.47                                     | 4.83                                 |
| DLF-IS  | MBH2                  | 20.00  | 26.67  | 6.67                     | 4.40                               | 6.23                                     | 4.80                                 |
| PST     | Manhattan 5 GLR       | 33.33  | 35.00  | 7.00                     | 4.23                               | 6.90                                     | 4.77                                 |
| PST     | Gray Fox (PST-2MNG)   | 25.00  | 31.67  | 7.33                     | 4.37                               | 7.23                                     | 4.73                                 |
| NexGen  | APR1965               | 30.00  | 36.67  | 7.33                     | 3.87                               | 6.90                                     | 4.67                                 |
| PSG     | Dasher 3              | 26.67  | 30.00  | 7.33                     | 4.33                               | 7.77                                     | 4.60                                 |
| PST     | PST-2TSE              | 20.00  | 33.33  | 7.00                     | 3.97                               | 6.20                                     | 4.60                                 |
| NexGen  | APR2037               | 33.33  | 31.67  | 8.00                     | 3.97                               | 7.80                                     | 4.57                                 |
| DLF-IS  | All*Star 3            | 36.67  | 43.33  | 7.67                     | 3.93                               | 7.43                                     | 4.57                                 |
| Rutgers | Pizzazz               | 36.67  | 45.00  | 7.00                     | 4.20                               | 7.47                                     | 4.53                                 |
| PSG     | Zoom                  | 38.33  | 35.00  | 7.00                     | 3.93                               | 7.47                                     | 4.53                                 |
| NexGen  | APR2013               | 36.67  | 40.00  | 7.67                     | 3.63                               | 7.87                                     | 4.50                                 |
| Rutgers | Jet                   | 38.33  | 41.67  | 7.33                     | 3.80                               | 6.77                                     | 4.47                                 |
| PST     | PST-2AG4              | 26.67  | 33.33  | 8.00                     | 4.07                               | 7.53                                     | 4.47                                 |
| PST     | PST-2NKM              | 36.67  | 33.33  | 7.33                     | 3.77                               | 7.00                                     | 4.47                                 |
| DLF-IS  | IS-PR 342             | 36.67  | 45.00  | 8.00                     | 3.97                               | 8.10                                     | 4.43                                 |
| DLF-IS  | IS-PR 381             | 46.67  | 43.33  | 8.00                     | 3.90                               | 7.77                                     | 4.43                                 |
| Rutgers | Paragon GLR           | 33.33  | 36.67  | 7.00                     | 3.97                               | 7.00                                     | 4.40                                 |
| PSG     | Penguin 2             | 26.67  | 43.33  | 7.33                     | 4.07                               | 6.80                                     | 4.40                                 |
| NexGen  | APR1980               | 26.67  | 40.00  | 7.00                     | 3.97                               | 7.30                                     | 4.37                                 |
| NexGen  | APR2035               | 36.67  | 40.00  | 7.67                     | 3.87                               | 7.43                                     | 4.37                                 |
| NexGen  | APR2090               | 26.67  | 31.67  | 7.00                     | 4.00                               | 7.10                                     | 4.33                                 |
| NexGen  | APR2026               | 43.33  | 36.67  | 7.67                     | 3.70                               | 7.10                                     | 4.33                                 |
| PST     | Gray Goose (PST-2J15) | 36.67  | 40.00  | 7.67                     | 3.93                               | 7.33                                     | 4.33                                 |
| NexGen  | APR1977               | 26.67  | 33.33  | 7.67                     | 3.70                               | 6.90                                     | 4.30                                 |
| NexGen  | APR2036               | 36.67  | 40.00  | 7.00                     | 3.53                               | 7.33                                     | 4.30                                 |
| Rutgers | Prelude IV            | 26.67  | 40.00  | 7.67                     | 3.77                               | 7.30                                     | 4.30                                 |
| Rutgers | APR1666               | 33.33  | 36.67  | 7.33                     | 3.60                               | 7.20                                     | 4.30                                 |
| PST     | PST-Syn-2US7          | 40.00  | 40.00  | 7.33                     | 3.87                               | 7.47                                     | 4.30                                 |
| PST     | PST-2GSB              | 33.33  | 36.67  | 8.00                     | 3.67                               | 7.57                                     | 4.30                                 |
| NexGen  | APR2089               | 43.33  | 46.67  | 7.67                     | 3.80                               | 7.43                                     | 4.27                                 |
| PSG     | Calypso III           | 36.67  | 40.00  | 8.00                     | 3.83                               | 7.77                                     | 4.27                                 |
| PST     | PST-Syn-2R57          | 30.00  | 46.67  | 7.67                     | 4.03                               | 7.33                                     | 4.27                                 |
| Rutgers | 1GSquared             | 26.67  | 31.67  | 7.67                     | 3.57                               | 7.67                                     | 4.23                                 |
| NexGen  | APR2096               | 40.00  | 36.67  | 8.00                     | 3.67                               | 8.00                                     | 4.20                                 |
| NexGen  | APR2033               | 36.67  | 38.33  | 7.00                     | 3.57                               | 7.23                                     | 4.17                                 |
| PSG     | SR 45 AB              | 36.67  | 41.67  | 5.67                     | 3.60                               | 5.67                                     | 4.17                                 |
| PST     | PST-2NKMS             | 50.00  | 46.67  | 7.00                     | 3.57                               | 6.90                                     | 4.17                                 |
| PST     | PST-2101-07           | 40.00  | 40.00  | 8.00                     | 3.77                               | 7.23                                     | 4.17                                 |
| PST     | PST-2TQL              | 36.67  | 40.00  | 7.67                     | 3.60                               | 7.43                                     | 4.13                                 |
| DLF-IS  | IS-PR 341             | 33.33  | 40.00  | 7.67                     | 3.57                               | 8.10                                     | 4.13                                 |
| NexGen  | APR2038               | 46.67  | 46.67  | 7.67                     | 3.33                               | 7.33                                     | 4.10                                 |
| Rutgers | HU-1                  | 40.00  | 40.00  | 7.00                     | 3.87                               | 7.37                                     | 4.10                                 |
| PSG     | SRX 4TPCS             | 40.00  | 46.67  | 7.00                     | 3.63                               | 6.67                                     | 4.10                                 |
| DLF-IS  | IS-PR 378             | 36.67  | 40.00  | 8.00                     | 3.67                               | 8.00                                     | 4.10                                 |
| NexGen  | APR2025               | 43.33  | 50.00  | 7.33                     | 3.47                               | 7.20                                     | 4.07                                 |
| Rutgers | Soprano               | 43.33  | 41.67  | 7.33                     | 3.63                               | 7.67                                     | 4.07                                 |
| Rutgers | Protege GLR           | 56.67  | 56.67  | 7.67                     | 3.57                               | 7.57                                     | 4.07                                 |
| Rutgers | LineDrive GLS         | 50.00  | 50.00  | 8.00                     | 3.67                               | 7.33                                     | 4.07                                 |
| PSG     | 06-K Lp               | 40.00  | 33.33  | 7.67                     | 3.67                               | 8.00                                     | 4.07                                 |

|            |                      |       |       |      |       |      |       |
|------------|----------------------|-------|-------|------|-------|------|-------|
| PST        | PST-2USD             | 43.33 | 36.67 | 7.67 | 3.53  | 7.43 | 4.07  |
| PST        | PST-2MAGS            | 43.33 | 50.00 | 5.33 | 3.57  | 6.77 | 4.03  |
| Rutgers    | Palmer V             | 33.33 | 40.00 | 7.33 | 3.47  | 7.10 | 4.00  |
| DLF-IS     | IS-PR 340            | 50.00 | 46.67 | 8.00 | 3.40  | 7.87 | 4.00  |
| NexGen     | APR2024              | 56.67 | 56.67 | 8.00 | 3.43  | 7.10 | 3.97  |
| PSG        | 06-C Lp EDB          | 36.67 | 33.33 | 8.00 | 3.67  | 8.10 | 3.97  |
| PST        | Plateau (PST-2LAN)   | 36.67 | 40.00 | 7.67 | 3.43  | 7.00 | 3.97  |
| NexGen     | APR1978              | 53.33 | 56.67 | 7.33 | 3.37  | 7.23 | 3.93  |
| NexGen     | APR2032              | 50.00 | 53.33 | 6.67 | 3.47  | 7.23 | 3.90  |
| Rutgers    | HP-1                 | 40.00 | 46.67 | 7.33 | 3.17  | 7.23 | 3.90  |
| PSG        | 04-4 Lp              | 46.67 | 46.67 | 7.67 | 3.57  | 8.00 | 3.90  |
| PSG        | SR 4600              | 56.67 | 50.00 | 7.33 | 3.40  | 7.23 | 3.90  |
| NexGen     | APR1959              | 56.67 | 60.00 | 7.33 | 3.30  | 7.47 | 3.90  |
| NexGen     | Cutter               | 43.33 | 63.33 | 6.00 | 3.17  | 5.67 | 3.87  |
| NexGen     | APR1979              | 40.00 | 46.67 | 8.00 | 3.37  | 7.80 | 3.87  |
| PSG        | 06-I Lp              | 36.67 | 36.67 | 7.67 | 3.57  | 8.20 | 3.87  |
| PSG        | MD-07                | 46.67 | 46.67 | 8.00 | 3.30  | 8.10 | 3.87  |
| DLF-IS     | IS-PR 382            | 43.33 | 53.33 | 8.00 | 3.60  | 8.10 | 3.87  |
| NexGen     | APR2034              | 53.33 | 46.67 | 7.67 | 3.37  | 7.57 | 3.83  |
| PST        | PST-Syn-204D         | 60.00 | 60.00 | 7.33 | 3.57  | 7.43 | 3.83  |
| DLF-IS     | Manhattan II         | 60.00 | 76.67 | 6.00 | 3.17  | 5.77 | 3.83  |
| PSG        | 06-Z Lp              | 50.00 | 46.67 | 8.00 | 3.30  | 7.03 | 3.80  |
| PSG        | 06-N Lp              | 26.67 | 36.67 | 8.00 | 3.30  | 7.80 | 3.80  |
| Rutgers    | Integra II           | 50.00 | 60.00 | 7.33 | 3.53  | 7.33 | 3.77  |
| PSG        | PM 102               | 53.33 | 53.33 | 8.00 | 3.43  | 8.30 | 3.77  |
| PSG        | 06-C Lp ACF          | 50.00 | 50.00 | 8.00 | 3.37  | 7.90 | 3.77  |
| PSG        | 04-18 Lp             | 46.67 | 43.33 | 8.00 | 3.57  | 8.10 | 3.73  |
| PSG        | 04-10 Lp             | 40.00 | 43.33 | 8.00 | 3.47  | 7.90 | 3.73  |
| PST        | PST-Syn-2GR7         | 50.00 | 43.33 | 8.00 | 3.33  | 7.77 | 3.73  |
| PST        | PST-2R9R-05          | 40.00 | 46.67 | 7.00 | 3.30  | 7.13 | 3.73  |
| DLF-IS     | IS-PR 313            | 46.67 | 46.67 | 8.00 | 3.47  | 7.67 | 3.73  |
| DLF-IS     | IS-PR 411            | 43.33 | 50.00 | 7.67 | 3.47  | 8.00 | 3.70  |
| NexGen     | APR2031              | 50.00 | 50.00 | 7.33 | 3.23  | 7.67 | 3.67  |
| PSG        | 06-J Lp              | 56.67 | 53.33 | 8.00 | 3.37  | 8.00 | 3.67  |
| DLF-IS     | IS-PR 344            | 60.00 | 63.33 | 8.00 | 3.37  | 8.10 | 3.67  |
| DLF-IS     | IS-PR 409            | 53.33 | 50.00 | 7.67 | 3.23  | 7.57 | 3.67  |
| PSG        | 05-SP-I              | 50.00 | 50.00 | 7.67 | 3.43  | 7.80 | 3.63  |
| PST        | PST-21N4             | 56.67 | 46.67 | 8.00 | 3.20  | 7.80 | 3.63  |
| PST        | PST-2MG7 Bulk        | 56.67 | 53.33 | 7.67 | 3.27  | 7.43 | 3.60  |
| PSG        | 06-H Lp              | 50.00 | 53.33 | 7.67 | 2.90  | 7.90 | 3.57  |
| PST        | Silver Dollar        | 50.00 | 56.67 | 7.67 | 3.23  | 7.57 | 3.57  |
| PST        | PST-2MAX-07          | 50.00 | 50.00 | 7.67 | 3.13  | 7.00 | 3.57  |
| DLF-IS     | IS-PR 410            | 63.33 | 66.67 | 8.00 | 3.27  | 7.77 | 3.57  |
| NexGen     | APR2064              | 66.67 | 66.67 | 7.67 | 3.13  | 8.10 | 3.53  |
| PSG        | Seville 3 (GL3)      | 56.67 | 56.67 | 7.67 | 3.07  | 7.47 | 3.53  |
| PST        | PST-2COL             | 53.33 | 50.00 | 7.67 | 3.23  | 7.47 | 3.53  |
| NexGen     | APR2075              | 53.33 | 60.00 | 7.00 | 2.93  | 6.43 | 3.47  |
| PSG        | Express II (Pick EJ) | 53.33 | 53.33 | 8.00 | 3.10  | 7.90 | 3.40  |
| PST        | PST-2R57S Bulk       | 60.00 | 50.00 | 6.67 | 3.07  | 6.43 | 3.33  |
| PSG        | 06-B Lp              | 70.00 | 70.00 | 8.00 | 2.83  | 7.80 | 3.20  |
| CV         |                      | 47.20 | 38.90 | 9.17 | 17.49 | 5.48 | 14.46 |
| LSD        |                      | 26.56 | 23.25 | 0.93 | 0.86  | 0.55 | 0.80  |
| GRAND MEAN |                      | 41.71 | 44.30 | 7.50 | 3.63  | 7.41 | 4.09  |
| MIN. MEAN  |                      | 11.67 | 20.00 | 5.33 | 2.83  | 5.67 | 3.20  |
| MAX. MEAN  |                      | 70.00 | 76.67 | 8.00 | 4.77  | 8.30 | 5.10  |

Percent Poa Annu Infection March '09 = 0-100; 0=No annual bluegrass

Percent Poa Annu Infection Sept. '09 = 0-100; 0=No annual bluegrass

Genetic Color 2009 = 1-9; 9=Darkest

Average Turf Quality 2009 = 1-9; 9=Best (8 ratings)

Average Genetic Color 2008-2009 = 1-9; 9=Darkest (3 ratings, 2 years of data)

Average Turf Quality 2008-2009; 1-9; 9=Best (14 ratings, 2 years of data)