

CTBT: 2010 Trial  
Tall Fescue Turf Trial  
Location: Albany, Oregon  
Cooperator: Kenneth Hignight

2012 Data

Digital Image Analysis

| SPONSOR       | CULTIVAR                | Cover | Genetic Color | Density | Turf Quality | Average Cover 2011-2012 | Average Genetic Color 2011-2012 | Average Density 2011-2012 | Average Turf Quality 2011-2012 |
|---------------|-------------------------|-------|---------------|---------|--------------|-------------------------|---------------------------------|---------------------------|--------------------------------|
| DLF           | Bullseye                | 7.83  | 7.17          | 5.67    | 7.50         | 8.28                    | 7.44                            | 6.78                      | 7.50                           |
| Peak Genetics | Raptor II               | 7.50  | 6.67          | 5.67    | 7.17         | 8.00                    | 7.22                            | 6.72                      | 7.39                           |
| DLF           | IS-TF 234C              | 7.67  | 7.50          | 5.50    | 7.50         | 8.11                    | 7.89                            | 6.67                      | 7.39                           |
| PSG           | Mustang 4               | 7.83  | 6.67          | 5.33    | 7.00         | 8.33                    | 7.33                            | 6.84                      | 7.39                           |
| Peak Genetics | PPG-TF 115              | 7.67  | 7.17          | 5.50    | 7.33         | 8.11                    | 7.33                            | 6.22                      | 7.22                           |
| Peak Genetics | Spyder LS               | 7.50  | 7.17          | 5.33    | 7.17         | 8.06                    | 7.22                            | 6.50                      | 7.22                           |
| PSG           | PSG 07-9                | 7.67  | 7.33          | 5.50    | 7.33         | 7.78                    | 7.28                            | 6.56                      | 7.22                           |
| NexGen        | Rebel Exeda             | 7.67  | 6.67          | 6.33    | 7.33         | 8.11                    | 6.67                            | 7.28                      | 7.22                           |
| Peak Genetics | PPG-TF 102              | 7.67  | 6.50          | 5.50    | 7.00         | 8.11                    | 6.89                            | 6.16                      | 7.17                           |
| PST           | PST-5FDR                | 7.50  | 7.17          | 5.17    | 7.00         | 8.11                    | 7.34                            | 6.28                      | 7.17                           |
| PSG           | Corona                  | 7.83  | 7.33          | 6.00    | 7.50         | 7.78                    | 7.28                            | 6.61                      | 7.17                           |
| DLF           | IS-TF 230B              | 7.50  | 7.33          | 4.83    | 7.17         | 7.83                    | 7.56                            | 5.94                      | 7.17                           |
| DLF           | IS-TF 233C              | 7.67  | 7.00          | 5.17    | 7.17         | 8.00                    | 7.00                            | 6.39                      | 7.17                           |
| PST           | PST-5AWT                | 7.67  | 6.50          | 5.17    | 6.83         | 8.11                    | 6.83                            | 6.78                      | 7.17                           |
| Rutgers       | Shenandoah III          | 7.67  | 6.50          | 5.33    | 6.83         | 8.17                    | 7.00                            | 6.61                      | 7.16                           |
| Rutgers       | Shenandoah Elite        | 7.83  | 6.67          | 5.00    | 6.83         | 8.22                    | 7.06                            | 6.33                      | 7.11                           |
| Peak Genetics | PPG-TF 101              | 7.50  | 7.00          | 5.33    | 7.17         | 8.00                    | 7.00                            | 6.34                      | 7.11                           |
| PST           | PST-5SXR                | 7.67  | 6.00          | 5.67    | 7.00         | 8.22                    | 6.56                            | 6.89                      | 7.11                           |
| PST           | Tarnation GT (PST-5T8E) | 7.50  | 6.67          | 5.67    | 7.17         | 8.17                    | 6.83                            | 6.00                      | 7.11                           |
| NexGen        | ATF1547                 | 7.50  | 6.33          | 5.17    | 7.00         | 8.06                    | 6.89                            | 6.28                      | 7.11                           |
| Rutgers       | 6351                    | 7.67  | 6.33          | 6.17    | 7.17         | 8.00                    | 6.78                            | 7.00                      | 7.11                           |
| Rutgers       | Falcon V                | 7.67  | 6.50          | 5.33    | 7.00         | 8.05                    | 6.89                            | 6.44                      | 7.11                           |
| Peak Genetics | PPG-TF 105              | 7.67  | 6.50          | 5.17    | 7.00         | 8.16                    | 6.89                            | 6.33                      | 7.11                           |
| PSG           | PSG 07-5                | 7.33  | 7.67          | 4.67    | 7.17         | 7.72                    | 7.83                            | 5.61                      | 7.11                           |
| PSG           | PSG 709509              | 7.50  | 6.67          | 6.00    | 7.17         | 7.95                    | 7.06                            | 6.61                      | 7.11                           |
| DLF           | IS-TF 217               | 7.50  | 6.33          | 5.83    | 7.00         | 8.06                    | 6.72                            | 6.89                      | 7.11                           |
| DLF           | IS-TF 227               | 7.50  | 6.50          | 5.00    | 6.83         | 8.00                    | 7.06                            | 6.34                      | 7.11                           |
| NexGen        | ATF1611                 | 7.50  | 6.67          | 5.33    | 6.83         | 8.05                    | 6.89                            | 6.78                      | 7.11                           |
| Rutgers       | Traverse                | 7.50  | 6.67          | 5.00    | 6.83         | 8.11                    | 6.78                            | 6.44                      | 7.06                           |
| Rutgers       | Finelawn Xpress         | 7.67  | 6.83          | 5.50    | 7.00         | 8.17                    | 7.05                            | 6.39                      | 7.06                           |
| Peak Genetics | PPG-TF 117              | 7.50  | 7.00          | 5.50    | 7.17         | 7.89                    | 7.17                            | 6.39                      | 7.06                           |
| PSG           | PSG 5908                | 6.83  | 6.83          | 5.50    | 6.83         | 7.72                    | 7.17                            | 6.50                      | 7.06                           |
| DLF           | IS-TF 215               | 7.50  | 7.00          | 4.83    | 7.00         | 7.94                    | 7.17                            | 5.89                      | 7.06                           |
| DLF           | IS-TF 225               | 7.50  | 6.50          | 5.33    | 7.00         | 8.00                    | 6.94                            | 6.28                      | 7.06                           |
| DLF           | IS-TF 231C              | 7.33  | 7.50          | 5.00    | 7.00         | 7.66                    | 7.67                            | 6.00                      | 7.06                           |
| PST           | PST-5LIV                | 7.50  | 7.17          | 5.83    | 7.17         | 7.89                    | 7.06                            | 6.44                      | 7.06                           |
| NexGen        | ATF1621                 | 7.83  | 5.83          | 5.50    | 6.83         | 8.22                    | 6.44                            | 6.89                      | 7.06                           |
| PSG           | PSG 6008                | 7.50  | 6.17          | 5.33    | 6.67         | 8.28                    | 6.78                            | 6.28                      | 7.05                           |
| DLF           | Essential               | 7.50  | 6.33          | 4.67    | 6.67         | 8.11                    | 6.95                            | 6.56                      | 7.05                           |
| DLF           | IS-TF 219               | 7.50  | 6.33          | 4.67    | 6.50         | 8.11                    | 6.95                            | 6.05                      | 7.00                           |
| Rutgers       | LW                      | 7.33  | 6.50          | 4.33    | 6.50         | 8.00                    | 6.78                            | 6.22                      | 7.00                           |
| Peak Genetics | Firecracker LS          | 7.50  | 6.17          | 5.17    | 6.67         | 8.22                    | 6.67                            | 6.44                      | 7.00                           |
| DLF           | IS-TF 197               | 7.50  | 6.33          | 4.50    | 6.67         | 8.00                    | 7.00                            | 5.89                      | 7.00                           |
| DLF           | IS-TF 223               | 7.50  | 6.00          | 5.33    | 6.83         | 8.06                    | 6.67                            | 6.61                      | 7.00                           |
| DLF           | IS-TF 224               | 7.67  | 6.67          | 5.17    | 7.00         | 7.89                    | 7.00                            | 6.17                      | 7.00                           |
| PST           | PST-R5NW                | 7.50  | 6.67          | 5.17    | 6.83         | 8.06                    | 7.00                            | 6.22                      | 7.00                           |
| NexGen        | ATF1570                 | 7.67  | 6.50          | 5.50    | 7.17         | 8.06                    | 6.67                            | 6.44                      | 7.00                           |
| NexGen        | ATF1571                 | 7.67  | 6.33          | 5.67    | 7.00         | 7.94                    | 6.67                            | 6.78                      | 7.00                           |
| NexGen        | ATF1609                 | 7.83  | 6.17          | 5.00    | 6.67         | 8.00                    | 6.67                            | 7.11                      | 7.00                           |
| NexGen        | ATF1610                 | 7.67  | 6.33          | 5.00    | 6.83         | 8.17                    | 6.67                            | 6.28                      | 7.00                           |
| NexGen        | ATF1614                 | 7.50  | 6.67          | 4.83    | 6.83         | 7.83                    | 6.89                            | 6.28                      | 7.00                           |
| NexGen        | ATF1549                 | 7.50  | 6.50          | 5.67    | 7.00         | 8.00                    | 6.78                            | 6.22                      | 7.00                           |
| NexGen        | ATF1619                 | 7.67  | 6.00          | 5.50    | 6.83         | 8.17                    | 6.33                            | 6.78                      | 7.00                           |
| Peak Genetics | PPG-TF 106              | 7.50  | 6.17          | 5.33    | 6.67         | 7.89                    | 6.56                            | 6.67                      | 6.95                           |
| PSG           | PSG 8308                | 7.50  | 6.50          | 5.67    | 7.00         | 7.78                    | 6.67                            | 6.72                      | 6.95                           |

|               |                       |      |      |      |      |      |      |      |      |
|---------------|-----------------------|------|------|------|------|------|------|------|------|
| NexGen        | ATF1613               | 7.17 | 6.33 | 5.67 | 7.00 | 7.72 | 6.61 | 6.56 | 6.95 |
| NexGen        | ATF1620               | 7.67 | 6.67 | 5.67 | 7.00 | 8.06 | 6.55 | 6.83 | 6.95 |
| Rutgers       | Falcon IV             | 7.33 | 6.50 | 5.17 | 7.00 | 7.72 | 6.67 | 6.33 | 6.94 |
| PSG           | PSG3905               | 7.50 | 6.67 | 5.67 | 7.00 | 7.89 | 6.67 | 6.72 | 6.94 |
| PSG           | PSG 8SP1              | 7.67 | 6.33 | 5.50 | 7.00 | 8.05 | 6.61 | 6.22 | 6.94 |
| PSG           | STR 86QRH             | 7.50 | 6.50 | 5.17 | 6.83 | 7.83 | 6.78 | 6.33 | 6.94 |
| DLF           | IS-TF 226             | 7.33 | 6.67 | 5.50 | 6.83 | 7.83 | 7.00 | 6.44 | 6.94 |
| PST           | Gazelle II            | 7.50 | 6.17 | 5.00 | 6.67 | 7.94 | 6.61 | 6.17 | 6.94 |
| PST           | Coronado TDH          | 7.50 | 6.50 | 5.50 | 7.00 | 7.83 | 6.55 | 6.67 | 6.94 |
| NexGen        | ATF1566               | 7.67 | 6.33 | 5.67 | 7.17 | 8.05 | 6.50 | 6.56 | 6.94 |
| Rutgers       | Rhambler              | 7.67 | 6.00 | 5.17 | 6.83 | 8.00 | 6.61 | 6.44 | 6.89 |
| Rutgers       | FCE3                  | 7.33 | 6.67 | 5.17 | 6.83 | 7.94 | 6.89 | 5.72 | 6.89 |
| PST           | PST-5DVD-07           | 7.50 | 6.67 | 5.33 | 6.83 | 8.11 | 6.78 | 6.11 | 6.89 |
| NexGen        | ATF1568               | 7.67 | 6.00 | 5.33 | 6.67 | 8.11 | 6.33 | 6.33 | 6.89 |
| NexGen        | ATF1569               | 7.83 | 6.17 | 5.33 | 6.83 | 7.83 | 6.56 | 6.61 | 6.89 |
| Peak Genetics | Titanium LS           | 7.33 | 6.00 | 5.00 | 6.67 | 8.11 | 6.39 | 6.28 | 6.89 |
| PST           | Rain Saver (PST-5SDS) | 7.50 | 6.17 | 5.67 | 7.00 | 8.00 | 6.28 | 6.33 | 6.89 |
| PST           | PST-5SLV              | 7.50 | 6.33 | 5.33 | 6.83 | 8.06 | 6.39 | 6.39 | 6.89 |
| PST           | PST-5MVD              | 7.50 | 6.50 | 5.00 | 6.67 | 7.89 | 6.67 | 6.28 | 6.84 |
| NexGen        | ATF1548               | 7.00 | 6.33 | 5.33 | 6.67 | 7.72 | 6.67 | 6.33 | 6.84 |
| Peak Genetics | PPG-TF 116            | 7.67 | 6.67 | 4.67 | 6.67 | 7.95 | 6.83 | 6.17 | 6.83 |
| PSG           | PSG 08-6              | 7.83 | 6.33 | 5.50 | 7.00 | 7.89 | 6.45 | 6.17 | 6.83 |
| PST           | PST-5V4               | 7.67 | 6.33 | 4.83 | 6.67 | 8.11 | 6.56 | 6.05 | 6.83 |
| PST           | PST-5MCD              | 7.67 | 6.33 | 5.17 | 6.67 | 8.00 | 6.50 | 6.39 | 6.83 |
| PST           | PST-5DRP              | 7.50 | 6.50 | 5.33 | 6.83 | 8.00 | 6.72 | 6.00 | 6.83 |
| PST           | Swagger (PST-5R05)    | 7.50 | 6.17 | 4.83 | 6.67 | 7.83 | 6.44 | 6.17 | 6.83 |
| PST           | Wolfpack II           | 7.50 | 6.50 | 5.17 | 7.00 | 7.84 | 6.67 | 6.11 | 6.83 |
| NexGen        | ATF1608               | 7.17 | 6.17 | 5.00 | 6.50 | 7.83 | 6.67 | 6.50 | 6.83 |
| NexGen        | ATF1550               | 7.83 | 6.17 | 5.17 | 6.67 | 8.00 | 6.50 | 6.44 | 6.83 |
| NexGen        | ATF1551               | 7.50 | 6.33 | 5.50 | 7.00 | 7.78 | 6.44 | 6.72 | 6.83 |
| NexGen        | ATF1618               | 7.50 | 6.33 | 5.33 | 7.00 | 7.89 | 6.39 | 6.45 | 6.83 |
| Rutgers       | 3rd Millennium        | 7.83 | 6.50 | 4.83 | 6.83 | 8.00 | 6.56 | 6.22 | 6.83 |
| PST           | PST-5BGR              | 7.33 | 6.00 | 5.17 | 6.67 | 7.78 | 6.33 | 6.33 | 6.78 |
| PST           | Cumberland (PST-5R20) | 7.83 | 6.17 | 5.50 | 6.83 | 8.22 | 6.17 | 6.22 | 6.78 |
| PST           | Rain Dance (PST-5SDT) | 7.67 | 6.17 | 5.67 | 7.00 | 7.94 | 6.22 | 6.06 | 6.78 |
| NexGen        | ATF1491               | 7.83 | 5.83 | 5.17 | 6.67 | 8.06 | 6.17 | 6.22 | 6.78 |
| NexGen        | Penn 1901             | 7.33 | 6.50 | 5.17 | 6.67 | 7.95 | 6.61 | 6.11 | 6.78 |
| Rutgers       | Catalyst              | 7.33 | 5.67 | 5.50 | 6.50 | 7.89 | 6.22 | 6.39 | 6.78 |
| PSG           | Crossfire 3           | 7.50 | 7.33 | 5.17 | 7.00 | 7.39 | 6.89 | 5.95 | 6.78 |
| PST           | PST-5SXD              | 7.67 | 5.67 | 4.67 | 6.33 | 8.11 | 6.28 | 6.67 | 6.78 |
| NexGen        | Verti (ATF1612)       | 7.83 | 5.83 | 5.33 | 6.67 | 8.00 | 6.00 | 6.44 | 6.78 |
| PST           | Meridian (PST-5GRB)   | 7.50 | 5.67 | 5.50 | 6.67 | 7.83 | 6.11 | 6.67 | 6.72 |
| PST           | PST-5SIS              | 7.50 | 6.33 | 5.17 | 6.83 | 7.56 | 6.11 | 6.33 | 6.67 |
| NexGen        | ATF1567               | 7.50 | 6.00 | 5.17 | 6.67 | 7.83 | 6.17 | 6.17 | 6.67 |
| PSG           | PSG 82BPRH            | 7.33 | 6.17 | 5.17 | 6.50 | 7.72 | 6.39 | 6.11 | 6.61 |
| PST           | PST-5DKB              | 7.50 | 6.17 | 5.50 | 6.83 | 7.72 | 6.11 | 6.22 | 6.61 |
| PSG           | PSG 8GRTR             | 7.50 | 6.33 | 4.83 | 6.50 | 7.39 | 6.33 | 5.95 | 6.44 |
| PST           | PST-5YMY              | 7.33 | 4.83 | 4.83 | 6.00 | 7.94 | 5.33 | 6.11 | 6.33 |
| Peak Genetics | KY-31                 | 7.17 | 4.33 | 4.50 | 5.50 | 6.89 | 4.17 | 5.50 | 5.33 |
|               | CV                    | 3.96 | 5.25 | 9.02 | 4.61 | 2.94 | 4.06 | 7.14 | 3.18 |
|               | LSD (0.05)            | 0.40 | 0.46 | 0.64 | 0.43 | 0.32 | 0.37 | 0.61 | 0.30 |
|               | GRAND MEAN            | 7.55 | 6.45 | 5.28 | 6.88 | 7.96 | 6.71 | 6.38 | 6.95 |
|               | MIN. MEAN             | 6.83 | 4.33 | 4.33 | 5.50 | 6.89 | 4.17 | 5.50 | 5.33 |
|               | MAX. MEAN             | 7.83 | 7.67 | 6.33 | 7.50 | 8.33 | 7.89 | 7.28 | 7.50 |

Cover = 1-9; 9=Most Cover

Genetic Color = 1-9; 9=Darkest

Density = 1-9; 9=Most Dense

Turf Quality = 1-9; 9=Best

Average Cover 2011-2012 = 1-9; 9=Most Cover (3 ratings, 2 years of data)

Average Genetic Color 2011-2012 = 1-9; 9=Darkest (3 ratings, 2 years of data)

Average Density 2011-2012 = 1-9; 9=Most Dense (3 ratings, 2 years of data)

Average Turf Quality 2011-2012 = 1-9; 9=Best (3 ratings, 2 years of data)