

CTBT: 2010 Trial
Tall Fescue Turf Trial
Location: Berry, Kentucky
Cooperator: Steve Reid

2011 Data

SPONSOR	CULTIVAR	Subjective Ratings								Digital Image Analysis Ratings				
		Est. Sept.	Est. Oct.	Average Est.	Brown Patch June	Brown Patch July	Brown Patch Sept.	Average Brown Patch	Average Turf Quality	Percent Green Cover July	Average Cover	Average Genetic Color	Average Density	Average Turf Quality
Rutgers	6351	6.67	6.00	6.33	8.33	4.67	3.00	5.33	4.90	69.05	7.57	2.93	6.10	6.57
PSG	PSG 07-5	4.33	4.33	4.33	8.33	5.00	3.33	5.57	4.47	60.15	7.40	4.30	5.23	6.47
Rutgers	Shenandoah III	6.67	6.33	6.50	8.67	4.67	3.67	5.67	4.43	60.40	7.27	3.27	5.80	6.37
DLF	IS-TF 225	6.67	6.67	6.67	8.67	3.67	4.67	5.67	3.83	46.94	7.23	3.70	5.60	6.33
Peak Genetics	PPG-TF 102	5.33	6.33	5.83	9.00	5.00	3.67	5.90	4.70	57.99	7.33	3.63	5.50	6.30
NexGen	ATF1620	6.33	7.33	6.83	9.00	4.67	3.33	5.67	4.37	71.88	7.37	3.03	5.67	6.27
DLF	IS-TF 215	4.00	5.00	4.50	8.67	3.33	2.00	4.67	4.93	59.75	7.37	3.67	5.37	6.23
Peak Genetics	PPG-TF 105	4.67	6.00	5.33	7.67	3.67	3.67	5.00	4.20	56.38	7.50	3.23	5.43	6.20
NexGen	ATF1621	5.33	7.00	6.17	8.67	5.00	2.67	5.43	4.23	68.23	7.33	2.77	5.57	6.17
Rutgers	Shenandoah Elite	6.67	6.67	6.67	8.67	4.33	3.33	5.47	4.77	54.84	7.10	3.67	5.33	6.13
NexGen	ATF1569	6.67	7.33	7.00	8.33	5.00	2.67	5.33	4.40	63.61	7.17	2.83	5.53	6.10
DLF	IS-TF 219	3.00	2.67	2.83	8.67	3.33	5.00	5.70	3.43	47.41	6.97	4.30	5.17	6.07
PST	PST-5FDR	6.00	6.00	6.00	7.33	4.00	4.00	5.13	4.10	59.70	7.13	3.33	5.37	6.07
NexGen	ATF1614	5.00	5.67	5.33	8.67	3.67	4.67	5.70	3.93	64.83	7.40	3.70	5.00	6.07
PST	PST-5AWT	6.33	6.67	6.50	8.67	3.67	4.33	5.57	4.87	56.48	6.80	3.83	5.40	6.00
PST	PST-5DKB	4.00	6.00	5.00	8.33	5.33	3.67	5.80	4.43	56.95	7.00	3.87	5.10	6.00
PSG	Corona	5.67	6.00	5.83	9.00	4.00	6.00	6.33	3.97	45.47	6.67	5.07	4.83	5.97
PSG	PSG 8GRTR	4.67	6.00	5.33	7.67	3.33	3.67	4.90	3.57	51.38	7.03	3.70	4.90	5.93
NexGen	Rebel Exeda	5.67	6.33	6.00	9.00	3.67	4.00	5.57	4.13	55.41	7.00	3.43	5.37	5.93
Peak Genetics	PPG-TF 117	4.67	5.67	5.17	8.00	3.67	4.00	5.20	4.47	57.42	6.63	3.97	5.37	5.90
DLF	IS-TF 230B	6.33	6.33	6.33	9.00	3.00	5.33	5.80	4.33	43.04	6.97	4.60	4.73	5.90
Rutgers	Falcon V	5.00	5.67	5.33	9.00	3.67	5.00	5.87	4.40	50.51	6.80	4.47	4.80	5.87
Peak Genetics	Spyder LS	4.67	4.67	4.67	8.33	2.67	4.33	5.10	3.93	38.16	6.83	4.63	4.73	5.83
PST	PST-5SIS	5.67	6.33	6.00	8.67	5.33	3.00	5.70	4.37	62.05	7.00	3.17	5.10	5.83
NexGen	ATF1568	5.67	6.00	5.83	8.67	3.67	5.00	5.77	3.53	48.92	6.97	4.07	4.90	5.83
DLF	Essential	5.33	6.67	6.00	8.67	3.33	5.00	5.67	4.10	58.45	6.60	4.07	5.17	5.80
PST	PST-5T8E	3.67	3.33	3.50	8.00	4.00	5.33	5.80	3.47	54.04	6.90	4.60	4.53	5.80
DLF	IS-TF 217	3.00	4.00	3.50	8.33	2.67	4.67	5.23	3.77	46.24	7.00	3.97	4.67	5.77
PST	PST-5LIV	4.67	5.00	4.83	8.00	3.33	5.33	5.57	3.60	44.94	6.80	4.13	4.73	5.77
PST	PST-5MVD	5.00	5.33	5.17	9.00	2.67	5.33	5.67	3.70	47.44	6.83	4.07	4.90	5.77
Rutgers	Rhambler	5.33	6.33	5.83	8.33	3.00	4.00	5.10	3.97	54.11	6.57	3.63	5.27	5.73
Peak Genetics	Titanium LS	6.00	5.67	5.83	8.67	2.67	4.00	5.10	3.57	45.86	6.47	4.30	5.03	5.70
Rutgers	LW	6.33	5.33	5.83	8.33	2.33	5.33	5.33	4.00	33.73	6.33	5.10	4.70	5.67
Rutgers	FCE3	5.33	4.33	4.83	8.67	4.33	5.00	6.03	4.17	51.96	6.60	4.47	4.57	5.67
DLF	Bullseye	4.00	4.67	4.33	7.67	2.33	7.00	5.67	3.90	29.30	6.47	5.20	4.57	5.67
PSG	Mustang 4	3.33	4.00	3.67	8.67	2.33	5.33	5.47	3.87	41.22	6.53	4.63	4.70	5.63
DLF	IS-TF 233C	5.67	6.00	5.83	9.00	3.00	4.67	5.57	4.47	42.58	6.57	4.50	4.60	5.63
PST	PST-R5NW	4.67	4.67	4.67	7.33	4.33	3.67	5.10	4.07	55.03	6.67	3.60	4.93	5.63
NexGen	ATF1549	5.33	5.67	5.50	8.67	2.33	5.67	5.53	3.83	43.10	6.53	4.40	4.80	5.63
Peak Genetics	PPG-TF 101	4.67	5.00	4.83	8.00	2.67	4.33	5.00	4.30	45.09	6.53	4.00	5.00	5.60
NexGen	ATF1609	4.00	6.00	5.00	8.33	3.00	4.67	5.33	4.03	53.25	6.83	4.20	4.47	5.60
PSG	PSG 8SP1	5.67	6.33	6.00	8.67	3.00	5.00	5.53	3.80	46.60	6.70	4.10	4.50	5.57
PST	PST-5R05	4.33	4.67	4.50	8.67	4.00	4.00	5.57	3.90	57.91	6.67	3.37	5.00	5.57
DLF	IS-TF 224	4.67	5.00	4.83	8.67	3.00	5.67	5.80	3.87	41.74	6.27	4.93	4.47	5.53
PST	Coronado TDH	4.00	4.00	4.00	8.67	3.00	5.33	5.67	3.40	41.52	6.67	4.53	4.43	5.53
PSG	Crossfire 3	6.33	6.67	6.50	6.00	2.33	5.67	4.70	3.97	33.26	6.30	4.87	4.70	5.50
NexGen	ATF1570	5.67	8.33	7.00	8.67	3.33	4.67	5.57	3.93	41.11	6.27	3.97	4.97	5.47
NexGen	ATF1618	5.33	4.33	4.83	7.33	2.67	5.67	5.23	3.07	38.92	6.57	3.87	4.67	5.47
NexGen	Penn 1901	7.33	7.00	7.17	7.00	3.00	5.67	5.20	3.50	43.55	6.63	4.30	4.43	5.47
PST	PST-5DRP	6.33	6.33	6.33	7.67	3.33	4.67	5.23	3.97	48.47	6.67	3.97	4.30	5.43
Rutgers	3rd Millennium	6.67	6.67	6.67	9.00	3.00	5.33	5.77	4.27	41.61	6.13	4.77	4.50	5.40
Rutgers	Traverse	5.00	5.33	5.17	9.00	3.67	5.00	5.90	4.37	47.79	6.50	4.33	4.33	5.40
PSG	PSG 8308	5.33	6.00	5.67	7.33	3.33	5.33	5.33	3.53	34.40	6.40	4.77	4.17	5.40
PST	PST-5MCD	5.33	5.67	5.50	9.00	2.33	6.00	5.80	3.80	30.50	6.50	4.53	4.40	5.40
NexGen	ATF1566	5.00	6.00	5.50	6.67	3.67	4.33	4.87	3.97	54.70	6.53	3.77	4.53	5.40
NexGen	ATF1612	4.00	6.00	5.00	8.67	2.00	7.00	5.87	3.60	30.98	6.27	5.20	4.30	5.40
Rutgers	Finelawn Xpress	6.33	7.67	7.00	8.67	4.00	5.00	5.87	3.97	48.48	6.20	4.10	4.83	5.37
PST	PST-5DVD-07	5.00	4.67	4.83	8.67	2.67	5.67	5.70	3.60	34.15	6.27	4.80	4.37	5.37
PST	PST-5R20	3.00	4.33	3.67	8.00	4.00	5.00	5.67	3.70	47.04	6.23	4.17	4.50	5.37
PST	PST-5GRB	5.00	5.33	5.17	8.67	2.33	4.67	5.23	3.90	51.36	6.57	4.10	4.40	5.37
Rutgers	Falcon IV	4.33	6.00	5.17	8.33	3.33	4.67	5.43	3.73	46.99	6.33	4.20	4.63	5.33
DLF	IS-TF 197	5.00	5.33	5.17	8.67	2.33	6.00	5.63	4.07	34.62	6.07	4.97	4.50	5.33
PST	PST-5SXD	4.00	4.00	4.00	8.00	2.33	6.00	5.47	4.07	35.55	6.43	4.30	4.40	5.33
NexGen	ATF1491	6.67	6.33	6.50	8.33	2.67	6.00	5.67	3.13	36.99	6.43	4.20	4.30	5.30
DLF	IS-TF 226	2.67	3.33	3.00	8.67	3.33	5.00	5.67	3.70	48.60	5.87	4.37	4.77	5.23
DLF	IS-TF 231C	4.67	4.33	4.50	9.00	2.33	6.00	5.77	3.70	36.27	6.00	4.70	4.53	5.23
NexGen	ATF1613	5.00	5.67	5.33	8.33	2.33	5.67	5.43	4.03	36.95	6.00	4.57	4.60	5.23
PSG	STR 86QRH	4.67	4.00	4.33	8.33	1.67	7.00	5.67	3.30	26.56	6.17	5.50	3.80	5.20
NexGen	ATF1548	5.00	6.00	5.50	8.00	2.00	6.00	5.37	3.30	32.50	6.23	4.87	4.00	5.20
NexGen	ATF1551	4.00	6.00	5.00	8.67	2.33	6.67	5.90	2.97	33.42	6.13	5.40	3.83	5.20
NexGen	ATF1611	5.33	6.00	5.67	8.33	2.67	5.67	5.57	4.17	37.53	6.07	4.60	4.33	5.17
NexGen	ATF1547	4.00	5.67	4.83	8.00	2.33	6.33	5.57	3.33	30.31	6.17	5.03	3.90	5.17
Peak Genetics	PPG-TF 106	4.00	4.67	4.33	8.00	2.00	6.67	5.57	3.63	33.08	5.97	5.17	4.23	5.13
Peak Genetics	PPG-TF 116	5.67	6.67	6.17	9.00	2.67	6.33	6.00	4.17	42.72	6.10	4.67	4.27	5.13
NexGen	ATF1608	3.33	3.67	3.50	9.00	2.33	6.33	5.90	3.67	32.18	5.93	4.90	4.37	5.13
Peak Genetics	Firecracker LS	5.00	4.33	4.67	9.00	2.33	6.00	5.80	3.83	33.02	5.83	4.97	4.30	5.10

SPONSOR	CULTIVAR	Subjective Ratings								Digital Image Analysis Ratings				
		Est. Sept.	Est. Oct.	Average Est.	Brown Patch June	Brown Patch July	Brown Patch Sept.	Average Brown Patch	Average Turf Quality	Percent Green Cover July	Average Cover	Average Genetic Color	Average Density	Average Turf Quality
PSG	PSG 5908	5.00	4.67	4.83	8.67	2.00	6.67	5.77	3.53	29.27	5.83	5.10	4.13	5.10
PST	PST-5V4	4.33	4.67	4.50	8.67	1.67	7.00	5.77	2.83	23.23	5.97	5.30	3.90	5.10
NexGen	ATF1550	4.00	5.00	4.50	8.00	1.67	6.33	5.33	3.40	31.27	6.03	4.77	4.20	5.10
DLF	IS-TF 234C	5.00	5.67	5.33	7.67	2.00	5.67	5.13	4.33	29.75	5.87	5.13	4.20	5.07
PST	PST-5YMY	6.00	6.00	6.00	8.67	4.00	5.00	5.87	3.67	47.32	6.17	3.20	4.73	5.07
PSG	PSG 08-6	5.00	5.00	5.00	8.00	2.33	5.33	5.23	3.77	35.71	5.97	4.37	4.30	5.03
PST	PST-5SXR	4.00	3.67	3.83	8.67	1.67	5.67	5.33	3.53	31.94	5.80	4.53	4.37	5.03
PST	Wolfpack II	4.00	5.33	4.67	9.00	2.33	6.00	5.77	3.80	33.28	5.83	5.17	4.17	5.00
PST	PST-5SLV	3.67	4.67	4.17	8.67	2.00	5.67	5.43	3.53	34.86	5.70	5.20	4.13	5.00
NexGen	ATF1619	4.33	5.67	5.00	9.00	3.00	5.67	5.90	3.67	30.61	5.73	4.40	4.30	5.00
PSG	PSG 82BPRH	6.67	7.00	6.83	8.67	2.67	5.67	5.67	3.53	41.20	5.77	4.50	4.30	4.93
PSG	PSG 07-9	3.67	4.00	3.83	8.67	1.67	6.67	5.67	3.27	24.82	5.50	5.57	4.17	4.93
NexGen	ATF1567	5.00	5.00	5.00	8.33	2.00	6.67	5.67	3.43	25.91	5.50	4.97	4.30	4.90
PST	PST-5BGR	5.00	6.00	5.50	8.00	2.33	6.33	5.57	3.33	24.15	5.60	5.40	3.93	4.87
NexGen	ATF1571	4.33	5.00	4.67	8.33	3.33	6.00	5.87	3.70	33.71	5.40	5.13	4.30	4.83
NexGen	ATF1610	4.00	5.67	4.83	8.67	3.00	6.00	5.90	3.43	38.36	5.87	4.73	3.93	4.83
Peak Genetics	KY-31	4.33	6.67	5.50	8.00	5.67	3.00	5.57	2.87	69.30	6.00	3.10	4.20	4.80
DLF	IS-TF 223	5.00	6.00	5.50	9.00	2.33	6.67	6.00	3.47	34.09	5.77	5.07	3.87	4.80
DLF	IS-TF 227	3.00	4.00	3.50	8.33	2.00	6.33	5.53	3.63	28.06	5.43	4.97	4.17	4.80
Rutgers	Catalyst	4.67	4.33	4.50	8.67	2.00	7.00	5.87	3.60	28.19	5.63	5.17	3.93	4.77
PST	PST-5SDT	3.67	5.00	4.33	8.67	3.00	5.67	5.80	3.17	34.18	5.60	4.87	4.07	4.77
PST	Gazelle II	5.00	6.00	5.50	7.67	1.67	6.67	5.37	3.67	22.97	5.57	5.37	3.70	4.73
Peak Genetics	PPG-TF 115	4.67	5.67	5.17	9.00	2.33	6.00	5.77	3.83	35.60	5.17	4.80	4.37	4.70
PSG	PSG3905	3.67	5.00	4.33	8.00	1.67	7.00	5.57	3.20	26.76	5.17	5.43	3.93	4.60
PST	PST-5SDS	4.00	4.67	4.33	8.33	2.33	6.00	5.53	3.63	27.69	5.37	4.97	3.97	4.60
Peak Genetics	Raptor II	4.00	4.33	4.17	8.00	1.67	7.00	5.53	3.73	23.15	5.03	5.37	3.97	4.53
PSG	PSG 709509	3.67	5.00	4.33	8.33	1.67	7.00	5.67	3.43	30.51	5.23	5.40	3.73	4.53
PSG	PSG 6008	4.33	4.33	4.33	8.00	1.33	7.33	5.53	3.40	18.53	4.67	5.53	3.53	4.23
CV		26.96	25.11	23.92	10.58	55.29	39.29	8.44	18.86	51.07	18.61	27.04	20.95	17.47
LSD		1.78	1.85	1.67	1.20	2.25	2.78	0.63	0.98	29.41	1.60	1.61	1.30	1.28
GRAND MEAN		4.90	5.46	5.18	8.39	3.01	5.24	5.55	3.84	42.68	6.36	4.41	4.60	5.44
MIN. MEAN		2.67	2.67	2.83	6.00	1.33	2.00	4.67	2.83	18.53	4.67	2.77	3.53	4.23
MAX. MEAN		7.33	8.33	7.17	9.00	5.67	7.33	6.33	4.93	71.88	7.57	5.57	6.10	6.57

Subjective Ratings:

Est. Sept. = Establishment September 24, 2010 = 1-9; 9=Best
 Est. Oct. = Establishment October 8, 2010 = 1-9; 9=Best
 Average Est. = Average Establishment = 1-9; 9=Best (2 ratings)
 Brown Patch June = 1-9; 9=Most Resistant
 Brown Patch July = 1-9; 9=Most Resistant
 Brown Patch Sept. = 1-9; 9=Most Resistant
 Average Brown Patch = 1-9; 9=Most Resistant (3 ratings)
 Average Turf Quality = 1-9; 9=Best (4 ratings)

Digital Image Analysis Ratings:

Percent Green Cover July = 1-100; 100=Most Cover
 Average Cover = 1-9; 9=Most Cover (6 ratings)
 Average Genetic Color = 1-9; 9=Darkest (6 ratings)
 Average Density = 1-9; 9=Most Dense (6 ratings)
 Average Turf Quality = 1-9; 9=Best (6 ratings)