

CTBT: 2010 Trial  
 Tall Fescue Turf Trial  
 Location: Fayetteville, Arkansas  
 Cooperator: Dr. Mike Richardson

2012 Data

Digital Image Analysis Ratings

SPONSOR	CULTIVAR	Brown Patch	Average Percent Green Cover	Average Genetic Color	Average Turf Quality	Average Percent Green Cover 2011-2012	Average Genetic Color 2011-2012	Average Turf Quality 2011-2012
Peak Genetics	PPG-TF 116	5.00	87.99	6.95	8.50	91.18	6.64	8.28
DLF	IS-TF 230B	3.33	81.19	8.06	8.17	86.61	8.05	8.28
DLF	IS-TF 234C	3.33	82.90	7.78	8.00	88.06	7.53	8.14
Rutgers	Falcon V	1.67	88.98	6.78	8.22	91.38	6.81	8.11
Rutgers	LW	1.67	86.78	7.22	8.11	90.44	6.97	8.11
DLF	IS-TF 233C	1.67	85.52	7.33	7.95	89.73	7.11	8.08
NexGen	ATF1609	5.00	87.66	7.00	8.17	90.87	6.75	8.08
DLF	IS-TF 226	1.67	85.44	7.61	8.05	89.18	7.28	8.06
Rutgers	Shenandoah III	1.67	85.63	6.72	8.00	89.82	6.72	8.05
DLF	IS-TF 231C	6.67	81.20	8.33	8.17	86.91	7.94	8.05
DLF	Bullseye	6.67	83.89	7.28	8.00	88.87	7.11	8.03
DLF	IS-TF 227	5.00	84.74	7.67	8.17	89.03	7.19	8.03
DLF	IS-TF 217	0.00	86.04	7.11	8.11	89.69	6.84	8.00
DLF	IS-TF 225	3.33	83.23	7.33	8.17	88.11	6.94	8.00
Rutgers	Traverse	1.67	85.86	7.05	8.00	89.42	6.86	7.97
Peak Genetics	Firecracker LS	5.00	86.09	7.11	8.22	89.26	6.81	7.97
NexGen	ATF1614	0.00	84.91	7.39	8.00	89.28	7.14	7.97
PST	PST-5MCD	0.00	86.96	7.00	7.78	90.86	6.61	7.97
Peak Genetics	PPG-TF 105	0.00	87.29	6.94	8.17	90.90	6.61	7.95
NexGen	ATF1570	0.00	87.69	6.78	8.05	91.13	6.64	7.95
NexGen	ATF1548	0.00	87.89	6.89	8.28	90.69	6.50	7.95
Peak Genetics	PPG-TF 102	6.67	86.67	7.11	7.89	90.05	6.84	7.92
PSG	PSG 07-9	8.33	80.32	7.72	7.72	86.48	7.64	7.92
Rutgers	Finelawn Xpress	0.00	85.80	7.11	7.78	89.77	6.86	7.92
Peak Genetics	PPG-TF 117	3.33	83.51	7.33	8.11	87.95	7.31	7.92
DLF	IS-TF 197	1.67	83.82	7.33	8.00	88.48	7.08	7.92
DLF	IS-TF 224	0.00	83.15	7.11	7.72	88.24	7.17	7.92
NexGen	ATF1610	10.00	86.02	6.83	7.95	90.30	6.50	7.92
Rutgers	Shenandoah Elite	1.67	85.71	7.33	8.11	88.96	7.11	7.89
NexGen	ATF1613	3.33	85.85	7.22	7.94	89.50	6.83	7.89
Rutgers	6351	0.00	84.21	7.00	7.89	88.70	6.86	7.89
NexGen	ATF1567	3.33	84.63	6.44	7.89	89.21	6.36	7.89
PSG	PSG 8SP1	3.33	84.93	6.83	7.83	89.14	6.69	7.86
Peak Genetics	Raptor II	1.67	82.23	7.33	7.72	87.22	7.36	7.86
PSG	Mustang 4	1.67	85.40	7.11	8.05	89.51	6.83	7.86
NexGen	ATF1608	5.00	88.46	7.05	8.17	90.77	6.78	7.86
NexGen	ATF1620	0.00	85.91	7.06	8.06	89.45	6.81	7.86
Rutgers	Rhambler	5.00	85.90	6.83	8.00	89.43	6.64	7.83
Peak Genetics	Spyder LS	0.00	83.24	7.50	7.72	87.99	7.33	7.83
PSG	Corona	0.00	80.84	7.83	7.61	86.52	7.72	7.83
PST	PST-5MVD	1.67	86.72	7.11	7.94	90.37	6.72	7.83
PST	Meridian (PST-5GRB)	3.33	88.43	5.94	7.78	90.92	6.05	7.83
Peak Genetics	PPG-TF 106	0.00	88.79	6.44	8.00	91.17	6.31	7.83
PSG	PSG 07-5	0.00	78.93	8.33	7.78	84.97	8.25	7.81
PST	PST-5SLV	3.33	88.63	6.95	8.06	91.06	6.39	7.81
PST	PST-R5NW	5.00	84.06	7.11	7.78	88.44	6.97	7.80
PSG	PSG 5908	0.00	81.84	7.67	7.83	86.91	7.53	7.78
PSG	PSG 709509	0.00	81.99	7.17	7.78	87.48	6.92	7.78
PST	PST-5DRP	1.67	86.60	6.72	7.72	90.07	6.64	7.78
Rutgers	FCE3	3.33	85.45	6.89	7.94	89.05	6.89	7.78
PSG	Crossfire 3	3.33	81.00	7.78	7.78	86.36	7.58	7.78
PST	PST-5SXD	30.00	81.39	6.56	7.39	87.55	6.55	7.78
PST	Rain Saver (PST-5SDS)	3.33	86.50	6.28	7.78	89.82	6.42	7.78
PSG	PSG 6008	1.67	83.38	7.39	7.72	88.29	7.09	7.75
PSG	PSG3905	1.67	84.27	7.22	7.95	87.99	6.89	7.75

DLF	IS-TF 215	1.67	81.21	7.44	7.67	86.98	7.22	7.75
PST	Wolfpack II	3.33	86.71	7.00	8.11	89.90	6.58	7.75
NexGen	ATF1611	6.67	85.39	7.00	7.78	89.34	6.75	7.75
NexGen	ATF1550	10.00	85.09	6.28	7.67	89.54	6.25	7.75
NexGen	Verti (ATF1612)	3.33	87.49	7.06	7.89	90.97	6.45	7.75
Peak Genetics	Titanium LS	3.33	87.04	6.83	7.95	89.95	6.56	7.72
DLF	Essential	8.33	84.69	7.11	7.89	88.64	6.81	7.72
PST	PST-5AWT	8.33	84.57	7.44	7.78	88.78	6.97	7.72
NexGen	ATF1549	5.00	83.53	6.89	7.95	88.12	6.61	7.72
Peak Genetics	PPG-TF 115	0.00	83.13	7.17	7.67	88.27	6.97	7.72
PST	Gazelle II	6.67	82.64	6.78	7.45	88.19	6.78	7.72
PST	Swagger (PST-5R05)	3.33	85.45	6.66	7.83	89.65	6.42	7.72
NexGen	ATF1621	0.00	86.51	6.56	7.83	89.86	6.44	7.72
PSG	PSG 8GRTR	16.67	81.83	6.61	7.45	87.33	6.72	7.70
PST	PST-5DKB	1.67	84.80	7.16	7.72	88.95	6.81	7.70
PST	Tarnation GT (PST-5T8E)	6.67	84.03	7.00	7.61	88.78	6.83	7.69
Rutgers	Falcon IV	1.67	82.73	7.17	7.67	87.85	7.00	7.67
DLF	IS-TF 223	3.33	85.29	6.83	7.83	89.26	6.50	7.67
PST	PST-5V4	0.00	84.80	6.34	7.67	89.29	6.36	7.67
PST	PST-5SXR	8.33	83.55	6.56	7.50	88.72	6.36	7.67
PST	PST-5LIV	0.00	82.82	6.78	7.56	87.72	6.92	7.67
NexGen	ATF1571	0.00	86.06	7.11	7.89	89.71	6.86	7.67
NexGen	ATF1547	1.67	85.05	6.56	7.67	89.29	6.39	7.67
Rutgers	3rd Millennium	0.00	84.93	7.05	7.61	89.36	6.69	7.66
Rutgers	Catalyst	1.67	88.61	6.83	8.00	89.80	6.61	7.64
PST	PST-5YMY	3.33	88.67	5.61	7.72	91.82	5.30	7.64
PST	Cumberland (PST-5R20)	6.67	85.55	6.28	7.66	90.00	5.95	7.64
Peak Genetics	PPG-TF 101	1.67	83.79	7.17	7.67	87.90	7.11	7.64
PSG	PSG 08-6	15.00	82.31	6.94	7.50	87.65	6.78	7.61
PST	PST-5DVD-07	3.33	83.63	7.06	7.61	88.64	6.80	7.61
NexGen	ATF1569	0.00	84.15	6.56	7.67	88.72	6.36	7.61
PSG	STR 86QRH	6.67	82.72	7.22	7.61	87.71	7.03	7.59
NexGen	ATF1566	0.00	86.92	6.33	7.56	90.18	6.33	7.58
NexGen	ATF1619	3.33	86.33	6.44	7.67	90.22	6.22	7.58
PST	PST-5BGR	8.33	82.10	6.78	7.50	87.90	6.56	7.58
PSG	PSG 8308	1.67	82.48	6.67	7.45	87.98	6.61	7.53
NexGen	Penn 1901	3.33	84.69	7.00	7.78	88.72	6.81	7.53
PST	Coronado TDH	3.33	83.06	6.83	7.39	88.10	6.89	7.53
NexGen	Rebel Exeda	10.00	84.96	6.94	7.50	88.95	6.67	7.53
PSG	PSG 82BPRH	0.00	83.53	6.72	7.44	88.37	6.42	7.47
NexGen	ATF1568	0.00	84.42	6.61	7.55	88.62	6.33	7.47
NexGen	ATF1551	1.67	84.96	6.67	7.56	88.83	6.47	7.47
PST	Rain Dance (PST-5SDT)	5.00	84.00	6.72	7.45	88.94	6.33	7.45
PST	PST-5FDR	6.67	80.97	6.94	7.39	86.82	6.86	7.42
NexGen	ATF1618	3.33	84.58	6.45	7.44	88.85	6.22	7.36
NexGen	ATF1491	5.00	83.36	5.94	7.06	88.42	6.11	7.36
PST	PST-5SIS	5.00	83.14	6.39	7.22	88.30	6.22	7.28
DLF	IS-TF 219	1.67	83.00	7.06	7.39	87.88	6.58	7.17
Peak Genetics	KY-31	0.00	89.08	3.95	6.39	91.16	3.81	6.14
	CV	192.56	2.26	4.12	3.02	1.10	3.36	2.32
	LSD (0.05)	9.08	2.58	0.39	0.32	1.32	0.31	0.24
	GRAND MEAN	3.49	84.74	6.96	7.79	88.99	6.76	7.76
	MIN. MEAN	0.00	78.93	3.95	6.39	84.97	3.81	6.14
	MAX. MEAN	30.00	89.08	8.33	8.50	91.82	8.25	8.28

Brown Patch = 1-100; 1=Resistant

Average Percent Green Cover = 1-100; 100=Most Cover (6 ratings)

Average Genetic Color = 1-9; 9=Darkest (6 ratings)

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

Average Percent Green Cover 2011-2012 = 1-100; 100=Most Cover (12 ratings, 2 years of data)

Average Genetic Color 2011-2012 = 1-9; 9=Darkest (12 ratings, 2 years of data)

Average Turf Quality 2011-2012 = 1-9; 9=Best (12 ratings, 2 years of data)