

CTBT: 2010 Trial  
 Tall Fescue Turf Trial  
 Location: Berry, Kentucky  
 Cooperator: Kevin Blanchett

2012 Data

SPONSOR	CULTIVAR	Subjective Ratings			Digital Image Analysis							
		Leaf Texture	Average Turf Quality	Average Turf Quality 2011-2012	Average Cover	Average Genetic Color	Average Density	Average Turf Quality	Average Cover 2011-2012	Average Genetic Color 2011-2012	Average Density 2011-2012	Average Turf Quality 2011-2012
Rutgers	6351	4.33	5.42	5.17	7.25	5.33	5.28	6.64	7.40	4.13	5.67	6.60
Peak Genetics	PPG-TF 105	5.67	4.80	4.48	7.39	4.89	5.61	6.95	7.43	4.07	5.52	6.58
PSG	PSG 07-5	5.00	4.58	4.52	7.20	6.08	4.75	6.67	7.31	5.18	4.98	6.58
DLF	IS-TF 225	6.00	4.46	4.14	7.06	5.22	5.64	6.72	7.12	4.44	5.62	6.52
Rutgers	Shenandoah III	5.00	5.17	4.79	7.08	4.94	5.44	6.61	7.18	4.10	5.63	6.48
Peak Genetics	PPG-TF 102	3.00	4.21	4.46	7.05	5.11	5.44	6.61	7.20	4.37	5.47	6.46
PST	PST-5AWT	6.33	4.84	4.83	7.19	5.17	5.86	6.89	7.01	4.49	5.64	6.44
DLF	IS-TF 215	4.33	5.13	5.02	7.25	4.89	5.33	6.58	7.29	4.27	5.35	6.40
DLF	IS-TF 219	5.00	3.88	3.65	7.22	5.30	5.31	6.69	7.09	4.80	5.23	6.39
PST	PST-5MVD	3.67	3.84	3.75	7.11	4.78	6.28	6.92	6.96	4.41	5.58	6.35
Rutgers	Falcon V	4.67	4.17	4.27	7.22	5.03	5.67	6.75	7.00	4.74	5.23	6.30
PSG	Corona	4.67	4.34	4.15	7.08	6.05	4.83	6.61	6.88	5.57	4.83	6.29
NexGen	Rebel Exeda	4.33	4.42	4.27	7.03	5.42	5.25	6.61	7.00	4.42	5.30	6.29
Rutgers	Shenandoah Elite	5.67	4.75	4.75	6.95	4.92	5.36	6.39	7.02	4.30	5.35	6.26
NexGen	ATF1620	4.67	4.42	4.40	6.86	5.00	5.08	6.28	7.11	4.02	5.37	6.26
PST	PST-5FDR	4.33	4.38	4.23	7.03	5.50	5.06	6.42	7.09	4.41	5.21	6.26
NexGen	ATF1621	3.67	4.55	4.38	7.05	4.83	5.39	6.36	7.19	3.78	5.47	6.26
NexGen	ATF1614	4.67	4.42	4.17	7.03	4.86	5.39	6.41	7.20	4.28	5.19	6.25
Peak Genetics	PPG-TF 117	4.00	3.88	4.17	6.92	6.30	5.17	6.61	6.78	5.14	5.27	6.25
Peak Genetics	Spyder LS	6.00	4.46	4.19	7.00	5.50	5.25	6.53	6.92	5.05	4.99	6.18
DLF	Bullseye	3.67	3.25	3.57	7.06	5.42	5.41	6.66	6.75	5.31	5.00	6.17
NexGen	ATF1568	5.00	4.25	3.90	6.97	5.08	5.39	6.44	6.97	4.58	5.13	6.15
PST	PST-5LIV	4.00	3.96	3.77	7.08	5.53	5.03	6.47	6.95	4.84	4.89	6.12
PST	PST-R5NW	3.67	3.63	3.84	7.06	5.58	5.22	6.61	6.86	4.59	5.08	6.12
Rutgers	Rhambler	5.00	3.96	3.96	6.83	5.47	5.39	6.47	6.71	4.54	5.32	6.11
DLF	IS-TF 217	4.67	4.63	4.21	6.97	5.03	5.08	6.44	6.97	4.50	4.88	6.10
PSG	PSG 8GRTR	4.67	4.08	3.81	7.11	5.81	4.22	6.22	7.06	4.74	4.56	6.08
PST	PST-5MCD	4.67	3.33	3.57	7.36	5.61	4.97	6.78	6.92	5.08	4.68	6.08
DLF	IS-TF 230B	6.67	4.38	4.36	6.86	5.78	4.47	6.22	6.92	5.18	4.62	6.07
PST	PST-5DKB	3.67	4.63	4.52	6.72	5.36	4.91	6.14	6.85	4.60	5.01	6.06
NexGen	ATF1549	6.00	3.92	3.85	7.11	5.69	4.91	6.47	6.82	5.05	4.85	6.06
NexGen	ATF1618	4.67	3.38	3.21	7.08	5.05	5.44	6.67	6.83	4.45	5.04	6.06
PSG	Mustang 4	5.00	3.33	3.60	7.14	5.53	4.92	6.50	6.81	5.09	4.80	6.05
Rutgers	LW	4.33	4.04	4.02	6.81	5.47	5.33	6.45	6.57	5.28	5.01	6.05
NexGen	ATF1569	5.00	4.54	4.48	6.61	4.67	5.17	6.00	6.89	3.74	5.35	6.04
PST	PST-5SIS	4.33	3.67	4.00	6.45	4.94	5.53	6.22	6.71	4.05	5.33	6.04
Peak Genetics	PPG-TF 101	4.33	3.88	4.09	7.14	5.44	4.92	6.44	6.82	4.73	4.95	6.03
Rutgers	FCE3	4.67	3.88	4.02	7.00	5.67	4.86	6.36	6.80	5.06	4.72	6.02
DLF	IS-TF 233C	5.00	4.34	4.40	7.05	5.58	4.83	6.39	6.82	5.04	4.71	6.02
PST	Tarnation GT (PST-5T8E)	3.67	3.21	3.33	6.58	6.08	4.70	6.17	6.75	5.35	4.60	5.99
Peak Genetics	Titanium LS	4.00	3.75	3.65	6.66	5.33	5.22	6.25	6.57	4.81	5.12	5.98
PST	Swagger (PST-5R05)	5.67	4.00	3.94	6.89	5.36	5.03	6.36	6.78	4.36	5.01	5.98
PSG	PSG 8SP1	5.00	3.67	3.73	7.06	5.81	4.61	6.33	6.87	4.96	4.55	5.95
NexGen	Verti (ATF1612)	4.67	3.00	3.31	6.97	5.31	5.05	6.44	6.61	5.24	4.67	5.92
PST	PST-5DVD-07	3.67	3.79	3.69	6.86	5.39	5.30	6.47	6.57	5.08	4.85	5.91
NexGen	ATF1609	3.67	3.92	3.96	7.00	5.45	4.44	6.19	6.92	4.83	4.45	5.90
DLF	Essential	5.33	3.75	3.92	6.67	5.47	4.89	6.03	6.62	4.77	5.02	5.90
NexGen	Penn 1901	4.00	3.75	3.63	7.03	5.81	4.64	6.31	6.84	5.04	4.53	5.89
NexGen	ATF1566	4.00	3.96	3.96	6.81	4.86	5.33	6.25	6.66	4.32	4.92	5.82
PST	Coronado TDH	5.00	3.79	3.59	6.61	5.83	4.72	6.08	6.63	5.18	4.57	5.82
PST	PST-5DRP	3.67	3.88	3.92	6.86	4.89	5.00	6.20	6.76	4.43	4.65	5.81
PSG	Crossfire 3	5.33	3.50	3.73	6.70	6.00	4.50	6.09	6.49	5.43	4.60	5.80
PSG	PSG 8308	4.67	3.75	3.63	7.08	5.89	4.28	6.19	6.74	5.32	4.22	5.79
PST	PST-5SXR	5.67	3.46	3.50	7.03	5.11	5.36	6.53	6.41	4.83	4.88	5.77
NexGen	ATF1548	4.33	3.09	3.19	6.94	5.33	5.00	6.33	6.59	5.10	4.51	5.76
PSG	STR 86QRH	4.67	3.42	3.34	6.89	6.09	4.72	6.30	6.51	5.79	4.27	5.75
DLF	IS-TF 197	5.33	3.75	3.90	6.75	6.03	4.67	6.14	6.41	5.49	4.59	5.74
DLF	IS-TF 224	3.67	3.63	3.75	6.58	5.53	4.72	5.94	6.43	5.22	4.58	5.73
NexGen	ATF1613	4.33	3.46	3.73	6.69	5.33	5.17	6.22	6.35	4.95	4.90	5.73
PST	PST-5SXD	4.33	3.67	3.86	7.00	5.20	4.61	6.06	6.70	4.72	4.49	5.69
PST	Meridian (PST-5GRB)	5.00	3.63	3.75	6.72	4.86	4.83	5.97	6.65	4.46	4.62	5.67
NexGen	ATF1550	4.67	3.33	3.36	6.97	5.42	4.78	6.22	6.49	5.08	4.49	5.65
Rutgers	3rd Millennium	3.67	3.00	3.63	6.28	5.83	4.78	5.89	6.19	5.29	4.64	5.63
NexGen	ATF1551	3.67	2.46	2.69	6.75	5.89	4.33	6.00	6.44	5.64	4.07	5.59
DLF	IS-TF 223	3.67	2.96	3.21	6.89	5.78	4.91	6.36	6.33	5.42	4.39	5.58
DLF	IS-TF 234C	4.67	3.29	3.79	6.75	6.53	4.31	6.11	6.30	5.84	4.25	5.58
NexGen	ATF1491	4.67	2.63	2.88	6.78	5.83	4.31	5.86	6.61	5.01	4.29	5.58
Peak Genetics	Firecracker LS	4.67	3.67	3.75	6.33	5.47	5.20	6.03	6.10	5.22	4.73	5.57
NexGen	ATF1547	4.67	3.09	3.21	6.75	5.75	4.25	5.89	6.45	5.39	4.08	5.54
Rutgers	Falcon IV	5.33	3.71	3.73	6.14	5.61	4.78	5.69	6.22	4.90	4.70	5.52
NexGen	ATF1570	5.00	3.59	3.75	6.11	5.50	4.72	5.58	6.19	4.73	4.84	5.51
PST	Wolfpack II	4.00	3.13	3.46	6.72	5.92	4.45	6.00	6.27	5.54	4.31	5.50
Rutgers	Finelawn Xpress	5.00	3.67	3.81	6.33	5.67	4.42	5.61	6.28	4.88	4.62	5.50
PST	Cumberland (PST-5R20)	3.33	3.30	3.48	6.17	5.08	5.05	5.64	6.20	4.63	4.79	5.49

PST	PST-5BGR	4.33	3.67	3.48	6.67	6.03	4.47	6.08	6.12	5.71	4.20	5.48
PSG	PSG 08-6	4.33	3.33	3.56	6.61	5.83	4.45	5.94	6.29	5.09	4.37	5.47
PSG	PSG 07-9	5.67	3.13	3.19	6.33	6.78	4.39	6.00	5.93	6.17	4.27	5.47
PST	PST-5YMY	4.00	3.71	3.69	6.50	4.78	5.06	5.83	6.33	3.97	4.88	5.46
PSG	PSG 82BPRH	6.67	3.83	3.69	6.61	5.80	4.50	5.97	6.18	5.14	4.40	5.44
DLF	IS-TF 226	6.00	4.29	4.00	6.19	5.78	4.44	5.61	6.05	5.06	4.60	5.42
NexGen	ATF1610	5.00	3.08	3.25	6.33	5.47	5.28	6.00	6.09	5.09	4.60	5.42
PST	PST-5SLV	5.33	3.42	3.48	6.44	6.25	4.17	5.75	6.07	5.74	4.15	5.38
DLF	IS-TF 231C	3.67	3.33	3.50	6.05	6.11	4.39	5.53	6.04	5.40	4.46	5.37
NexGen	ATF1611	5.67	3.67	3.92	6.03	5.72	4.75	5.61	6.05	5.16	4.54	5.37
PST	PST-5V4	3.00	2.33	2.56	6.28	6.00	4.25	5.61	6.11	5.64	4.07	5.35
NexGen	ATF1567	4.00	2.92	3.17	6.31	5.50	4.75	5.80	5.90	5.22	4.51	5.34
Rutgers	Traverse	4.67	3.96	4.15	6.17	5.44	4.14	5.25	6.32	4.88	4.24	5.34
Peak Genetics	PPG-TF 106	4.67	3.25	3.44	5.92	5.44	4.72	5.50	5.96	5.31	4.47	5.32
PST	Gazelle II	5.00	2.63	3.15	6.59	6.33	4.03	5.89	6.07	5.86	3.88	5.32
NexGen	ATF1571	5.00	2.92	3.29	6.39	5.67	4.39	5.75	5.90	5.41	4.34	5.28
NexGen	ATF1619	4.67	3.46	3.56	6.31	5.72	4.45	5.58	6.02	5.06	4.38	5.27
Peak Genetics	PPG-TF 115	4.67	3.21	3.50	6.39	5.67	4.75	5.86	5.79	5.25	4.55	5.27
PST	Rain Dance (PST-5SDT)	4.67	3.00	3.09	5.91	5.39	5.25	5.69	5.76	5.12	4.65	5.24
Peak Genetics	PPG-TF 116	5.33	3.63	3.90	6.03	5.58	4.25	5.33	6.06	5.13	4.25	5.23
NexGen	ATF1608	6.33	3.54	3.60	5.64	5.09	4.89	5.19	5.78	4.98	4.62	5.17
PSG	PSG 5908	5.33	3.25	3.38	5.94	6.42	3.78	5.25	5.89	5.76	3.96	5.16
Peak Genetics	KY-31	3.00	3.00	2.92	6.28	4.36	4.58	5.42	6.13	3.74	4.38	5.12
DLF	IS-TF 227	3.67	2.71	3.17	5.66	5.45	4.91	5.36	5.57	5.19	4.56	5.08
Rutgers	Catalyst	5.33	3.25	3.42	5.89	5.86	4.22	5.30	5.76	5.51	4.06	5.04
PSG	PSG3905	4.33	2.67	2.94	6.25	6.69	3.44	5.36	5.70	6.07	3.68	4.98
PST	Rain Saver (PST-5SDS)	6.00	3.54	3.59	5.94	5.58	4.31	5.33	5.65	5.28	4.13	4.96
Peak Genetics	Raptor II	5.33	3.00	3.35	5.92	5.89	4.25	5.33	5.47	5.62	4.11	4.93
PSG	PSG 709509	4.67	2.79	3.11	5.89	6.36	3.86	5.20	5.55	5.88	3.80	4.87
PSG	PSG 6008	4.00	2.46	2.92	5.19	6.97	3.81	4.78	4.94	6.24	3.66	4.48
CV		29.54	29.00	22.21	11.62	14.13	17.75	13.09	13.82	18.78	17.93	13.93
LSD (0.05)		1.86	1.44	1.13	1.05	1.06	1.16	1.08	1.22	1.26	1.14	1.08
GRAND MEAN		4.66	3.69	3.76	6.68	5.55	4.84	6.11	6.52	4.97	4.72	5.77
MIN. MEAN		3.00	2.33	2.56	5.19	4.36	3.44	4.78	4.94	3.74	3.66	4.48
MAX. MEAN		6.67	5.42	5.17	7.39	6.97	6.28	6.95	7.43	6.24	5.67	6.60

Subjective Ratings:

Leaf Texture = 1-9; 9=Fine Leaf

Average Turf Quality = 1-9; 9=Best (4 ratings)

Average Turf Quality 2011-2012 = 1-9; 9=Best (8 ratings, 2 years of data)

Digital Image Analysis Ratings:

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)

Average Cover 2011-2012 = 1-9; 9=Most Cover (12 ratings, 2 years of data)

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

Average Density 2011-2012 = 1-9; 9=Most Dense (12 ratings, 2 years of data)

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