



Cooperative Turfgrass Breeders Test



Drought progression of a Kentucky bluegrass cultivar in Albany, Oregon 2011.
Days = Number of days water was withheld.

2011 Report

Please visit our website for more trial information: www.ctbt-us.info

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<u>Location</u>	<u>Trials</u>
Arkansas <i>Fayetteville</i>	2009 Kentucky Bluegrass 2010 Tall Fescue
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Kentucky <i>Berry</i>	2009 Kentucky Bluegrass 2010 Tall Fescue
Minnesota <i>St. Paul</i>	2009 Kentucky Bluegrass 2010 Tall Fescue
New Jersey <i>Adelphia & New Brunswick</i>	2009 Kentucky Bluegrass - Wear 2009 Kentucky Bluegrass – Shade 2010 Tall Fescue - Wear
New Jersey <i>Salem</i>	2009 Kentucky Bluegrass 2010 Tall Fescue
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Oregon <i>Albany</i>	2009 Kentucky Bluegrass 2010 Tall Fescue
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Virginia <i>Blacksburg</i>	2009 Kentucky Bluegrass 2010 Tall Fescue
Site Information	Management of Trials by Location

CTBT: 2009 Trial
 Kentucky Bluegrass Turf Trial
 Location: Fayetteville, Arkansas
 Cooperator: Dr. Mike Richardson

2011 Data

SPONSOR	CULTIVAR	Subjective Ratings		Digital Image Analysis Ratings						
		Dollar Spot	Rust	Average Percent Green Cover	Average Genetic Color	Average Density	Average Turf Quality	Average Percent Green Cover 2010-2011	Average Genetic Color 2010-2011	Average Turf Quality 2010-2011
PSG	A04-74	10.00	1.00	90.09	5.78	7.95	8.22	82.04	5.63	7.53
PSG	A03-3	0.00	0.33	91.52	6.05	7.78	8.22	82.45	6.05	7.47
DLF	Rhapsody	20.00	0.67	89.99	6.44	8.17	8.44	81.06	6.13	7.44
Peak Genetics	Midnight	20.00	0.33	88.03	7.17	8.33	8.78	76.12	6.92	7.39
PSG	A04-383	3.33	0.33	80.00	6.06	7.17	7.67	75.81	5.54	7.31
DLF	A00-2882	3.33	1.00	86.05	6.61	7.61	8.28	75.98	6.50	7.17
NexGen	KH3343	0.00	1.00	83.65	6.67	6.72	7.95	75.48	6.13	7.14
Rutgers	A06-8	20.00	1.00	82.37	7.33	7.28	8.17	74.26	6.96	7.14
Rutgers	A98-363	16.67	0.33	86.66	6.83	8.11	8.55	75.25	6.67	7.08
Rutgers	A06-2	5.00	1.00	87.69	6.61	8.17	8.44	76.34	6.42	7.06
NexGen	AKB047	6.67	0.33	83.99	7.11	7.28	8.17	74.50	6.96	7.05
PSG	A03-3606-8	3.33	1.00	89.12	6.72	8.28	8.72	76.01	6.71	7.03
NexGen	KH8529	10.00	0.33	86.46	7.22	7.72	8.61	74.02	7.09	7.03
DLF	A05-297	23.33	0.67	81.90	7.56	7.39	8.44	70.25	7.50	7.00
NexGen	AKB042	3.33	0.33	90.77	6.33	8.61	8.67	76.37	6.38	7.00
DLF	Futurity	16.67	1.00	89.53	5.78	7.61	7.95	78.18	5.50	7.00
Peak Genetics	Prosperity	13.33	0.33	86.85	6.61	8.39	8.50	74.09	6.34	6.92
NexGen	AKB186	10.00	0.33	87.26	6.56	7.78	8.33	73.94	6.50	6.92
PST	K9-82	8.33	1.00	84.55	6.83	7.78	8.39	73.15	6.75	6.89
Rutgers	A05-322	23.33	0.67	88.70	6.67	8.00	8.56	75.01	6.29	6.89
DLF	A04-1417	3.33	0.67	88.82	6.67	8.17	8.61	73.42	6.71	6.83
NexGen	Conquistador (AKB1661)	6.67	1.00	80.15	6.39	7.22	7.89	70.33	6.38	6.81
PSG	Touchdown	13.33	0.33	87.10	6.89	7.89	8.33	73.92	6.59	6.81
PST	K9-100	16.67	0.67	85.73	6.61	7.89	8.33	72.28	6.50	6.80
Peak Genetics	A99-523	1.67	1.00	81.88	6.39	7.44	7.95	72.41	5.92	6.61
NexGen	AKB510	10.00	0.67	76.06	7.28	6.83	7.83	65.50	7.08	6.53
PST	K9-105D	26.67	0.67	87.61	6.78	7.95	8.66	73.10	6.96	6.53
DLF	Rhythm	6.67	0.33	88.09	6.83	7.61	8.33	72.55	6.79	6.50
PSG	A05-347	3.33	0.33	78.91	6.72	6.89	7.67	71.01	6.38	6.50
Peak Genetics	A98-210	6.67	0.00	88.08	6.61	7.50	8.22	70.69	6.42	6.47
PST	K8-75NO	16.67	0.67	88.42	6.89	8.00	8.55	69.21	6.79	6.45
PST	102-158	3.33	1.00	74.08	7.11	6.50	7.78	67.68	6.92	6.45
PSG	America	20.00	1.00	87.90	6.44	7.78	8.28	70.59	6.34	6.45
NexGen	Mallard	16.67	0.67	89.11	6.72	7.89	8.55	71.70	6.75	6.44
Rutgers	Bewitched	10.00	0.67	86.42	7.00	7.78	8.61	72.27	7.00	6.42
NexGen	AKB355	13.33	1.00	89.59	6.50	8.06	8.50	72.19	6.54	6.42
PSG	A05-321	30.00	0.67	85.59	6.78	8.00	8.44	69.92	6.38	6.42
DLF	A05-323	10.00	1.00	86.03	5.94	7.66	7.94	72.74	5.92	6.39
Rutgers	Ridgeline	13.33	0.33	88.72	7.00	7.84	8.67	72.32	6.92	6.39
PST	K9-90	8.33	1.00	85.88	6.78	7.72	8.17	69.77	6.84	6.39
Rutgers	A05-314	53.33	1.00	87.59	7.11	7.78	8.50	72.59	7.09	6.39
Peak Genetics	A04-1271	21.67	0.67	81.03	6.00	7.16	7.72	69.76	5.96	6.36
Rutgers	A05-201	26.67	1.00	87.65	6.67	7.67	8.39	70.39	6.54	6.36
PSG	A00-1395	26.67	1.00	88.93	6.67	8.22	8.67	71.78	6.46	6.33
NexGen	AKB434	6.67	0.33	77.98	6.83	6.83	7.72	69.37	6.67	6.33
DLF	Sombrero	16.67	0.67	85.60	6.89	7.83	8.50	67.96	6.79	6.28
PST	T7-7	3.33	0.33	88.11	6.72	8.50	8.78	68.09	6.75	6.28
Rutgers	A06-632	16.67	0.67	89.08	5.95	7.56	8.17	73.10	5.96	6.22
Rutgers	Diva	6.67	1.00	88.72	6.50	7.78	8.28	68.63	6.29	6.22
Rutgers	A06-33	6.67	0.00	89.77	6.83	8.11	8.67	70.35	6.67	6.22
PST	K4-3	6.67	1.00	77.53	6.50	6.89	7.61	68.69	6.59	6.19
PST	K7-29	23.33	1.00	87.01	5.72	8.22	8.05	71.12	6.00	6.17
Peak Genetics	KenBlue	6.67	0.33	86.60	6.33	8.11	8.39	68.25	6.38	6.11
PST	K8-76NO	6.67	0.67	89.29	6.06	8.06	8.28	68.82	5.92	6.11
DLF	A04-1488	13.33	0.33	87.49	7.00	8.00	8.50	68.61	6.88	6.08
PSG	A05-316	10.00	0.67	86.97	6.67	8.06	8.39	67.01	6.67	6.08
PST	K9-99	13.33	0.67	89.12	6.44	8.11	8.45	68.93	6.34	6.06
NexGen	AKB141864	15.00	1.00	86.52	7.17	8.00	8.56	69.05	7.25	6.03

SPONSOR	CULTIVAR	Subjective Ratings		Digital Image Analysis Ratings						
		Dollar Spot	Rust	Average Percent Green Cover	Average Genetic Color	Average Density	Average Turf Quality	Average Percent Green Cover 2010-2011	Average Genetic Color 2010-2011	Average Turf Quality 2010-2011
DLF	A05-354	5.00	0.33	80.74	6.50	6.95	7.95	65.53	6.67	6.00
PST	K7-28	10.00	0.67	85.37	6.94	8.06	8.50	69.59	6.92	5.97
NexGen	AKB262	3.33	1.00	88.32	6.28	7.94	8.33	65.71	6.30	5.94
NexGen	AKB049	10.00	0.67	87.32	7.05	8.05	8.67	66.77	6.92	5.94
NexGen	Baron	23.33	0.67	83.27	6.61	6.89	7.78	69.15	6.84	5.92
PSG	A03TB-677	6.67	0.67	88.40	6.39	8.00	8.50	69.55	6.50	5.92
NexGen	AKB426	6.67	1.00	86.51	7.33	7.78	8.56	67.03	7.04	5.89
NexGen	AKB264	10.00	0.67	88.36	7.06	7.78	8.50	64.69	7.09	5.89
PST	K9-92	0.00	1.00	83.02	6.22	7.11	7.83	64.56	6.09	5.86
Rutgers	A98-344	20.00	0.67	87.47	7.33	8.05	8.67	60.51	7.09	5.81
PST	A07-393	13.33	1.00	84.54	6.95	7.55	8.22	59.60	6.59	5.78
PST	103-585	0.00	1.00	87.33	7.33	7.89	8.72	63.07	7.34	5.78
Peak Genetics	A04-38	3.33	0.00	87.88	6.16	7.89	8.11	66.33	6.38	5.78
Rutgers	A05-894	3.33	0.33	87.41	6.28	7.67	8.16	65.73	6.21	5.78
NexGen	AKB953	10.00	0.33	85.05	6.89	7.78	8.39	55.27	6.88	5.72
PSG	A03-351	3.33	0.67	88.70	6.55	7.28	8.22	64.82	6.50	5.72
PST	104-59	26.67	1.00	85.09	7.22	7.84	8.50	63.93	6.96	5.69
PST	K4-7	30.00	0.33	86.97	6.34	7.61	8.11	62.56	6.54	5.64
DLF	A05-350	5.00	0.67	81.51	6.72	7.00	8.00	60.29	6.84	5.64
PST	1G4-66	6.67	1.00	74.17	6.72	6.44	7.39	61.51	6.83	5.61
PST	103-651	6.67	0.67	88.45	6.28	8.39	8.33	62.77	6.38	5.61
PSG	MP07	10.00	0.67	87.72	6.34	8.22	8.50	63.99	6.42	5.58
PST	K9-87	6.67	0.67	84.71	7.06	7.72	8.39	59.62	6.84	5.53
NexGen	AKB360	8.33	0.67	86.44	6.94	7.67	8.39	63.69	6.84	5.53
PST	103-87	8.33	0.67	80.36	7.83	7.17	8.22	59.62	7.54	5.50
Rutgers	A03TB-938	3.33	0.67	76.72	6.83	6.83	7.72	58.07	6.75	5.47
Peak Genetics	A06-19	10.00	0.33	79.33	6.55	6.83	7.67	60.89	6.59	5.44
Rutgers	A96-1338	0.00	0.67	72.75	6.55	6.06	7.22	59.69	6.21	5.39
PSG	TD08-4	6.67	0.33	89.12	5.83	7.95	8.16	60.33	5.67	5.39
NexGen	AKB1010	10.00	0.67	86.56	7.22	7.55	8.50	57.04	7.25	5.36
PST	K4-15	6.67	0.67	83.53	6.95	6.83	7.89	64.33	7.04	5.33
DLF	Mozart 1	6.67	0.67	84.87	6.67	7.56	8.22	59.59	6.54	5.33
NexGen	AKB1543	6.67	0.33	87.38	6.45	7.28	8.11	61.24	6.25	5.33
DLF	Shamrock	36.67	0.33	85.28	7.00	7.33	8.22	60.28	6.96	5.30
NexGen	AKB1012	10.00	1.00	74.07	6.61	6.28	7.44	52.47	6.75	5.17
NexGen	AKB363	13.33	0.67	85.97	6.39	7.45	8.28	58.07	6.42	5.08
Peak Genetics	A94MH-94	3.33	0.67	79.50	6.50	6.67	7.50	55.25	6.67	5.00
NexGen	AKB1565	0.00	0.00	78.07	6.78	6.78	7.72	56.11	6.79	5.00
Peak Genetics	Orfeo	5.00	1.00	84.70	6.17	6.95	7.89	54.18	6.21	4.92
PST	PP-34736	0.00	0.67	61.31	6.67	4.89	6.33	48.73	6.54	4.86
PSG	OF-5000	3.33	0.33	77.41	7.11	6.61	7.78	50.14	6.79	4.81
NexGen	AKB345	1.67	0.00	64.47	7.50	5.55	7.00	45.63	7.04	4.69
PST	1A4-311	3.33	1.00	63.85	6.83	5.33	6.72	46.88	6.88	4.67
PST	K9-86	3.33	0.33	84.03	6.39	7.39	7.94	51.45	6.25	4.61
PST	K8-64	6.67	0.33	74.82	6.94	6.39	7.67	45.60	6.71	4.50
CV		153.94	69.59	10.24	10.81	13.46	8.33	12.72	9.28	10.50
LSD		22.31	0.61	11.67	0.98	1.37	0.92	11.50	0.83	0.87
GRAND MEAN		10.74	0.65	84.50	6.69	7.52	8.18	66.97	6.59	6.12
MIN. MEAN		0.00	0.00	61.31	5.72	4.89	6.33	45.60	5.50	4.50
MAX. MEAN		53.33	1.00	91.52	7.83	8.61	8.78	82.45	7.54	7.53

Dollar Spot = 1-100; 0=Resistant
Rust = 0-1; 0=Resistant

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

2011 Data

Digital Image Analysis Ratings

SPONSOR	CULTIVAR	Est.	Average Percent Green Cover	Average Genetic Color	Average Density	Average Turf Quality
DLF	IS-TF 230B	87.53	92.04	8.06	7.61	8.39
DLF	IS-TF 234C	83.27	93.23	7.28	8.05	8.28
DLF	IS-TF 233C	83.57	93.94	6.89	8.22	8.22
PST	PST-5MCD	87.97	94.75	6.22	8.00	8.17
PST	PST-5SXD	92.00	93.71	6.56	8.33	8.17
Rutgers	LW	86.90	94.10	6.72	7.89	8.11
PSG	PSG 07-9	80.87	92.65	7.56	7.72	8.11
DLF	IS-TF 224	83.27	93.32	7.22	7.72	8.11
Rutgers	Shenandoah III	89.77	94.01	6.72	8.11	8.11
PSG	Corona	87.93	92.21	7.61	7.61	8.06
DLF	IS-TF 226	70.67	92.92	6.94	7.67	8.06
DLF	Bullseye	74.70	93.86	6.94	7.61	8.06
Rutgers	Finelawn Xpress	84.73	93.75	6.61	7.89	8.05
Peak Genetics	PPG-TF 116	79.67	94.38	6.33	7.72	8.05
Rutgers	Falcon V	83.67	93.79	6.83	7.50	8.00
Peak Genetics	Raptor II	82.83	92.21	7.39	8.00	8.00
PST	Gazelle II	86.63	93.73	6.78	7.72	8.00
NexGen	ATF1609	81.57	94.09	6.50	7.89	8.00
Rutgers	Traverse	70.83	92.97	6.67	7.44	7.95
DLF	IS-TF 231C	88.47	92.62	7.56	7.22	7.95
Peak Genetics	PPG-TF 102	76.70	93.44	6.55	7.50	7.94
Peak Genetics	Spyder LS	70.77	92.73	7.17	7.28	7.94
PSG	PSG 8GRTR	89.93	92.83	6.83	7.50	7.94
NexGen	ATF1614	89.90	93.66	6.89	7.56	7.94
Rutgers	6351	81.50	93.20	6.72	7.67	7.89
PSG	PSG 8SP1	82.97	93.35	6.56	7.16	7.89
DLF	IS-TF 217	74.00	93.35	6.56	7.39	7.89
DLF	IS-TF 227	77.50	93.32	6.72	7.33	7.89
PST	Meridian (PST-5GRB)	78.43	93.41	6.17	7.78	7.89
NexGen	ATF1567	84.47	93.80	6.28	7.67	7.89
NexGen	ATF1610	77.30	94.59	6.17	7.67	7.89
DLF	IS-TF 225	82.67	92.98	6.55	7.56	7.84
PST	PST-R5NW	84.47	92.82	6.84	7.22	7.84
DLF	IS-TF 197	85.43	93.14	6.83	7.56	7.83
DLF	IS-TF 215	71.10	92.75	7.00	7.39	7.83
PST	PST-5SXR	89.97	93.90	6.17	7.67	7.83
PST	PST-5DRP	83.23	93.53	6.56	7.44	7.83
NexGen	ATF1570	86.13	94.57	6.50	7.22	7.83
NexGen	ATF1613	74.27	93.14	6.44	7.50	7.83
NexGen	ATF1550	81.33	93.99	6.22	7.44	7.83
PSG	PSG 07-5	64.63	91.01	8.17	6.72	7.83
PSG	PSG 6008	86.33	93.21	6.78	7.06	7.78
PST	Tarnation GT (PST-5T8E)	75.33	93.52	6.67	6.94	7.78
Peak Genetics	PPG-TF 115	74.43	93.40	6.78	7.39	7.78
PSG	PSG 709509	75.80	92.96	6.67	7.39	7.78
PSG	Crossfire 3	80.40	91.72	7.39	7.05	7.78
PST	PST-5LIV	84.40	92.62	7.06	7.16	7.78
PST	Rain Saver (PST-5SDS)	79.47	93.14	6.55	7.61	7.78
Rutgers	3rd Millennium	85.03	93.79	6.33	7.22	7.72
Peak Genetics	Firecracker LS	87.83	92.42	6.50	7.61	7.72
PSG	PSG 08-6	80.03	92.98	6.61	7.28	7.72
PST	PST-5MVD	88.70	94.02	6.33	7.28	7.72
Peak Genetics	PPG-TF 105	85.43	94.50	6.28	7.50	7.72

Peak Genetics	PPG-TF 117	79.23	92.39	7.28	7.11	7.72
PSG	PSG 5908	74.93	91.97	7.39	7.17	7.72
NexGen	ATF1611	83.53	93.29	6.50	7.61	7.72
Rutgers	Shenandoah Elite	80.83	92.21	6.89	7.39	7.67
Rutgers	Rhambler	79.37	92.97	6.44	7.39	7.67
Rutgers	Falcon IV	73.93	92.96	6.83	7.11	7.67
Peak Genetics	PPG-TF 106	81.03	93.55	6.17	7.61	7.67
PSG	Mustang 4	61.30	93.61	6.55	7.61	7.67
PST	PST-5V4	86.33	93.78	6.39	7.28	7.67
PST	PST-5BGR	87.93	93.71	6.33	7.28	7.67
PST	Coronado TDH	77.30	93.14	6.94	7.00	7.67
PST	PST-5DKB	78.67	93.10	6.44	7.50	7.67
NexGen	ATF1620	77.80	92.99	6.56	7.16	7.67
NexGen	ATF1491	79.97	93.48	6.28	6.94	7.67
PST	PST-5AWT	87.73	92.99	6.50	7.28	7.66
NexGen	ATF1547	85.17	93.53	6.22	7.22	7.66
Peak Genetics	PPG-TF 101	74.80	92.02	7.06	6.84	7.61
PSG	PSG 8308	83.30	93.48	6.56	7.17	7.61
PST	PST-5DVD-07	67.43	93.65	6.56	7.11	7.61
PST	Cumberland (PST-5R20)	85.80	94.44	5.61	6.89	7.61
NexGen	Verti (ATF1612)	80.40	94.44	5.83	7.67	7.61
NexGen	ATF1621	79.87	93.22	6.33	7.56	7.61
Rutgers	FCE3	87.87	92.65	6.89	7.22	7.61
PST	Swagger (PST-5R05)	80.97	93.84	6.17	7.44	7.61
NexGen	ATF1566	80.13	93.44	6.33	7.45	7.61
NexGen	ATF1548	71.67	93.50	6.11	6.94	7.61
PSG	PSG3905	66.73	91.71	6.56	6.95	7.56
PSG	STR 86QRH	85.10	92.70	6.84	7.33	7.56
DLF	Essential	73.73	92.59	6.50	7.39	7.56
PST	PST-5YMY	88.50	94.96	5.00	7.50	7.56
NexGen	ATF1569	79.83	93.30	6.16	7.28	7.56
NexGen	ATF1608	74.37	93.09	6.50	7.28	7.56
PST	PST-5SLV	62.53	93.49	5.83	7.22	7.55
NexGen	Rebel Exeda	70.63	92.94	6.39	7.00	7.55
Peak Genetics	Titanium LS	73.57	92.86	6.28	7.06	7.50
PSG	PSG 82BPRH	85.63	93.21	6.11	7.39	7.50
DLF	IS-TF 223	79.70	93.24	6.17	7.50	7.50
NexGen	ATF1549	76.30	92.71	6.33	7.11	7.50
NexGen	ATF1619	89.83	94.09	6.00	7.00	7.50
NexGen	ATF1571	77.17	93.36	6.61	7.17	7.45
PST	PST-5FDR	83.67	92.67	6.78	7.28	7.44
PST	Rain Dance (PST-5SDT)	78.80	93.88	5.94	6.56	7.44
NexGen	ATF1568	92.43	92.82	6.06	7.39	7.39
PST	Wolfpack II	68.90	93.08	6.17	6.89	7.39
NexGen	ATF1551	82.43	92.69	6.28	7.06	7.39
PST	PST-5SIS	89.23	93.47	6.05	7.05	7.33
Rutgers	Catalyst	76.33	90.98	6.39	7.17	7.28
NexGen	ATF1618	83.63	93.12	6.00	6.95	7.28
NexGen	Penn 1901	81.70	92.75	6.61	6.78	7.28
DLF	IS-TF 219	86.10	92.76	6.11	6.22	6.94
Peak Genetics	KY-31	85.33	93.24	3.67	5.28	5.89
	CV	12.92	0.87	5.10	5.88	4.01
	LSD (0.05)	14.07	1.10	0.45	0.58	0.42
	GRAND MEAN	80.73	93.23	6.56	7.35	7.73
	MIN. MEAN	61.30	90.98	3.67	5.28	5.89
	MAX. MEAN	92.43	94.96	8.17	8.33	8.39

Est. = 1-100; 100=Full Establishment
Average Percent Green Cover = 1-100; 100=Complete 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)

CTBT: 2009 Trial
 Kentucky Bluegrass Turf Trial
 Location: Camarillo, California
 Cooperator: Earl Slack

2011 Data

SPONSOR	CULTIVAR	Subjective Ratings								
		Winter Turf Quality	Density	Genetic Color	Rust	Turf Quality	Average Density 2010-2011	Average Genetic Color 2010-2011	Average Rust 2010-2011	Average Turf Quality 2010-2011
PST	103-87	6.00	7.33	8.00	8.00	7.33	7.50	7.67	6.33	6.92
PST	K9-105D	7.33	8.33	7.67	7.67	7.33	8.50	6.83	6.00	6.67
PST	K4-7	6.67	6.67	6.33	5.67	6.00	6.67	6.17	5.50	6.25
PST	103-585	5.00	5.67	8.00	5.67	5.67	6.17	7.83	5.17	6.25
Rutgers	Diva	6.33	7.67	7.00	6.67	7.33	7.67	6.67	4.50	6.17
Rutgers	A98-363	6.33	6.67	7.67	5.33	6.33	6.67	7.50	3.83	6.00
PSG	A03-351	6.33	7.00	6.67	7.33	6.33	7.00	6.17	4.83	5.83
PST	104-59	5.67	7.67	4.67	7.00	7.00	7.50	4.83	5.50	5.67
PSG	A04-383	8.00	7.33	5.33	7.00	7.33	7.00	5.00	4.67	5.67
Rutgers	A06-33	6.33	6.67	7.67	5.67	6.33	6.50	7.00	4.33	5.67
PST	K4-15	5.67	6.00	6.67	3.67	6.00	6.00	6.67	4.00	5.50
NexGen	AKB434	7.67	6.67	6.67	5.33	7.00	6.67	6.67	3.67	5.50
PST	PP-34736	6.67	7.33	7.00	7.00	7.67	7.17	6.33	4.33	5.42
PST	K9-86	6.00	6.67	5.33	6.33	5.67	6.83	5.17	4.67	5.42
Peak Genetics	A06-19	5.67	7.33	7.00	6.33	6.33	7.00	6.83	4.67	5.42
PST	T7-7	4.67	6.67	7.33	7.00	7.00	6.33	6.50	5.17	5.33
PST	K9-99	6.00	5.67	6.00	5.33	6.00	5.83	6.00	3.67	5.33
Peak Genetics	A98-210	6.00	6.00	7.00	4.00	6.00	6.17	7.00	2.83	5.33
PSG	America	5.67	7.00	6.67	7.00	6.33	7.17	6.67	4.67	5.33
Rutgers	A96-1338	6.33	7.67	6.00	7.67	5.67	7.33	5.33	5.33	5.25
NexGen	AKB186	4.00	6.33	6.33	6.67	6.33	6.50	5.50	4.50	5.17
DLF	Rhapsody	4.67	7.00	7.00	6.33	6.67	6.83	6.83	4.00	5.08
Rutgers	A05-322	5.67	7.67	6.00	7.00	6.67	7.67	6.00	5.00	5.08
Peak Genetics	A99-523	6.00	7.67	7.00	6.33	7.00	7.33	7.00	4.50	5.00
Rutgers	A06-2	5.67	6.67	6.67	5.67	5.33	6.67	6.67	3.67	5.00
Rutgers	A06-8	5.33	6.00	6.67	5.67	6.00	6.17	6.33	3.83	5.00
PST	1G4-66	5.67	3.67	7.00	5.00	5.00	3.67	6.17	3.67	4.92
PST	K4-3	5.67	5.67	7.33	4.00	5.33	5.67	6.50	4.17	4.92
PST	K9-90	5.33	5.67	6.00	6.67	5.33	5.33	5.83	3.67	4.92
DLF	Mozart 1	6.00	7.67	4.00	6.00	5.33	7.83	3.83	3.83	4.92
NexGen	AKB355	6.33	6.00	6.67	6.33	5.00	6.33	6.33	3.83	4.92
PSG	A05-347	5.00	6.00	7.33	6.33	6.00	6.00	7.33	4.17	4.92
Rutgers	A03TB-938	4.33	4.33	6.00	6.00	5.33	4.83	6.17	3.50	4.83
NexGen	AKB345	6.67	8.00	7.33	8.33	6.33	7.67	6.67	5.17	4.83
PST	K8-75NO	5.00	6.00	5.00	6.33	5.67	6.17	4.83	4.17	4.75
PST	K8-76NO	5.00	6.33	5.67	4.67	6.33	6.00	5.17	3.00	4.75
PST	K7-29	4.67	5.00	7.00	3.67	4.67	5.33	6.17	2.83	4.75
PST	K8-64	5.00	6.67	4.67	7.00	5.00	6.50	5.17	4.50	4.75
Peak Genetics	A04-38	7.00	6.33	6.00	6.00	5.00	6.17	6.00	4.00	4.75
Rutgers	Bewitched	5.33	4.67	6.00	6.00	5.00	5.33	6.83	4.00	4.75
PSG	A00-1395	4.67	7.33	6.00	6.00	7.00	7.17	6.17	4.17	4.75
NexGen	KH8529	5.33	5.00	7.67	5.67	5.00	5.00	7.17	4.00	4.75
NexGen	KH3343	4.33	5.67	6.00	6.67	5.67	5.50	5.00	4.50	4.75
PST	K9-100	5.33	6.33	6.33	5.33	5.67	6.17	6.33	4.33	4.67
DLF	A05-354	6.33	3.67	7.67	7.00	5.00	4.33	7.17	4.50	4.67
DLF	A05-323	4.00	7.00	7.00	6.33	6.33	6.67	6.67	4.17	4.67
Rutgers	Ridgeline	5.33	6.33	7.00	4.33	5.67	6.00	6.67	3.17	4.67
PST	K9-92	5.00	5.00	6.00	4.00	5.00	5.33	5.33	3.00	4.58
PST	K9-82	5.67	5.00	5.33	6.00	5.33	5.50	5.67	4.50	4.58
Rutgers	A98-344	3.33	5.00	7.67	4.67	6.00	5.17	7.33	3.33	4.58
NexGen	AKB363	5.00	6.67	6.00	5.67	5.67	6.50	6.00	3.50	4.58
Rutgers	A06-632	5.67	5.67	4.67	5.67	5.00	6.00	4.83	3.33	4.50
Rutgers	A05-201	6.33	7.33	6.67	7.33	6.67	6.67	5.83	4.50	4.50
NexGen	AKB047	3.67	6.00	7.00	4.67	5.67	6.00	6.50	3.00	4.50
NexGen	AKB1012	4.33	6.67	7.67	7.33	6.00	6.00	7.33	5.00	4.50
Rutgers	A05-314	4.33	7.00	6.00	3.67	4.00	6.67	5.67	2.33	4.47
NexGen	AKB1543	4.67	7.00	6.00	6.67	5.67	6.33	5.33	4.33	4.42
PSG	A03-3606-8	5.00	6.00	7.00	6.67	5.33	5.83	6.33	3.83	4.42
PST	A07-393	5.00	4.67	6.67	5.67	5.00	4.83	6.17	3.33	4.33
DLF	Futurity	5.33	7.00	6.33	4.67	5.67	6.67	6.17	3.33	4.33
PSG	A04-74	4.33	7.67	8.00	6.67	7.00	6.50	7.17	4.50	4.33

SPONSOR	CULTIVAR	Subjective Ratings								
		Winter Turf Quality	Density	Genetic Color	Rust	Turf Quality	Average Density 2010-2011	Average Genetic Color 2010-2011	Average Rust 2010-2011	Average Turf Quality 2010-2011
PSG	TD08-4	4.33	5.00	5.00	7.00	5.00	5.50	5.00	4.00	4.33
Peak Genetics	Midnight	4.33	6.33	7.67	4.33	6.00	5.67	7.17	2.67	4.33
NexGen	AKB510	4.33	5.67	7.00	6.33	5.67	6.00	6.83	3.67	4.33
NexGen	AKB042	4.33	6.00	6.33	5.00	6.00	6.00	5.67	3.33	4.33
NexGen	Conquistador (AKB1661)	4.67	5.33	6.33	6.67	5.00	5.33	6.50	4.17	4.33
PST	102-158	4.67	6.67	6.33	4.33	5.67	5.83	6.00	3.17	4.25
PST	K7-28	4.67	5.67	8.00	3.67	5.00	5.50	7.33	3.83	4.25
NexGen	AKB049	4.33	7.33	7.00	6.33	6.67	6.50	6.00	4.00	4.25
PSG	A05-316	5.00	6.67	7.00	6.67	6.00	6.00	6.00	4.17	4.25
DLF	A04-1417	5.33	6.00	6.33	6.00	5.00	5.83	6.33	3.50	4.17
DLF	Sombrero	5.00	6.00	6.00	6.33	5.33	5.17	6.00	4.00	4.17
DLF	Shamrock	5.33	4.33	5.33	5.00	4.33	4.50	5.33	3.50	4.17
NexGen	AKB262	5.33	4.33	6.33	3.00	4.33	4.83	6.33	3.50	4.17
NexGen	AKB1010	6.67	6.67	7.00	6.67	5.33	5.83	6.33	4.33	4.17
NexGen	AKB1565	4.33	4.67	7.33	5.67	5.00	4.67	6.83	3.67	4.17
PST	1A4-311	5.33	5.67	6.33	3.67	4.00	4.83	6.33	2.83	4.08
DLF	A05-297	4.67	6.00	7.33	3.67	5.33	5.83	7.17	2.83	4.08
NexGen	AKB264	4.00	5.00	7.33	2.33	3.67	4.67	6.67	2.17	4.08
PST	K9-87	5.00	4.33	4.33	5.00	4.00	4.67	4.67	3.83	4.00
PST	103-651	4.67	7.00	7.33	5.67	5.33	6.83	6.83	4.17	4.00
Peak Genetics	A04-1271	4.00	6.67	6.33	7.33	6.00	6.00	5.17	4.33	4.00
Rutgers	A05-894	5.67	3.67	6.00	3.67	4.00	3.83	5.83	2.50	4.00
NexGen	AKB426	5.33	4.33	6.33	4.33	3.67	4.50	5.67	3.00	4.00
PSG	Touchdown	3.67	5.67	5.00	7.67	5.33	5.33	4.67	4.33	4.00
Peak Genetics	KenBlue	3.33	6.67	4.33	6.33	5.33	6.17	4.00	4.00	3.92
DLF	A04-1488	4.33	5.33	7.00	5.33	4.33	5.33	6.17	3.17	3.92
DLF	Rhythm	4.33	4.67	6.67	7.00	5.00	5.17	6.33	4.00	3.92
PSG	OF-5000	3.67	5.33	4.33	4.67	4.67	5.00	3.83	3.00	3.92
PSG	A05-321	6.00	6.33	5.00	4.67	5.00	5.50	4.50	3.33	3.92
PSG	A03-3	4.00	6.00	6.33	6.33	6.00	5.00	6.00	3.67	3.83
DLF	A00-2882	5.67	4.33	7.67	4.33	4.00	4.50	7.00	3.00	3.75
NexGen	AKB360	5.67	5.00	6.00	5.33	4.00	5.00	6.00	3.67	3.75
NexGen	Mallard	4.00	6.00	7.33	6.33	5.00	5.50	6.67	4.17	3.75
Peak Genetics	Orfeo	5.00	5.00	4.67	4.33	4.33	5.00	4.33	2.67	3.67
NexGen	AKB141864	5.67	6.00	6.00	6.00	5.67	5.33	6.00	3.50	3.67
Peak Genetics	A94MH-94	3.33	4.67	7.33	5.33	5.00	4.17	6.00	3.17	3.42
NexGen	Baron	3.67	5.00	6.67	4.33	4.33	4.67	6.00	2.67	3.42
DLF	A05-350	5.33	2.67	7.67	6.33	3.33	3.33	7.00	4.17	3.33
PSG	MP07	3.33	4.00	4.00	5.00	3.33	4.33	3.83	3.17	3.25
PSG	A03TB-677	3.33	5.33	7.00	5.00	5.00	4.67	6.50	3.00	3.25
NexGen	AKB953	4.67	3.67	7.33	4.00	4.00	4.33	7.67	2.67	3.17
Peak Genetics	Prosperity	**	**	**	**	**	**	**	**	**
CV		18.80	17.26	11.69	25.09	21.77	11.79	9.05	19.64	13.70
LSD		1.31	1.39	1.02	1.94	1.62	0.93	0.75	1.03	0.85
GRAND MEAN		5.16	5.98	6.47	5.72	5.51	5.87	6.13	3.89	4.61
MIN. MEAN		3.33	2.67	4.00	2.33	3.33	3.33	3.83	2.17	3.17
MAX. MEAN		8.00	8.33	8.00	8.33	7.67	8.50	7.83	6.33	6.92

Winter Turf Quality = 1-9; 9=Best

Density = 1-9; 9=Most Dense

Genetic Color = 1-9; 9=Darkest

Rust = 1-9; 9=Most Resistant

Turf Quality = 1-9; 9=Best

Average Density 2010-2011 = 1-9; 9=Most Dense (2 ratings, 2 years of data)

Average Genetic Color 2010-2011 = 1-9; 9=Darkest (2 ratings, 2 years of data)

Average Rust 2010-2011 = 1-9; 9=Most Resistant (2 ratings, 2 years of data)

Average Turf Quality 2010-2011 = 1-9; 9=Best (4 ratings, 2 years of data)

** = Notes were not recorded on Prosperity - not included in analysis

CTBT: 2009 Trial
 Kentucky Bluegrass Turf Trial
 Location: Urbana, Illinois
 Cooperator: Dr. Tom Fermerian

2011 Data

SPONSOR	CULTIVAR	Subjective Ratings	
		Average Turf Quality	Average Turf Quality 2010-2011
PSG	A04-383	6.83	6.84
Rutgers	A96-1338	6.79	6.80
PSG	A03-351	6.71	6.75
PST	K9-82	6.71	6.73
Peak Genetics	A99-523	6.75	6.69
PST	K4-7	6.63	6.69
PSG	A00-1395	6.79	6.67
Rutgers	A05-322	6.63	6.64
PST	102-158	6.59	6.62
DLF	A00-2882	6.38	6.62
DLF	Sombrero	6.71	6.60
PST	K9-105D	6.29	6.58
DLF	Futurity	6.63	6.58
Peak Genetics	A94MH-94	6.50	6.53
PST	K8-75NO	6.63	6.51
PST	K7-29	6.46	6.51
Rutgers	Diva	6.25	6.49
PSG	A03-3606-8	6.42	6.49
DLF	Rhapsody	6.54	6.49
Peak Genetics	Prosperity	6.21	6.47
DLF	A04-1488	6.38	6.44
Rutgers	A98-344	6.25	6.42
DLF	A05-323	6.54	6.42
PSG	A05-321	6.38	6.40
NexGen	Mallard	6.38	6.33
PSG	America	6.42	6.33
PST	K9-99	6.34	6.31
DLF	A04-1417	6.13	6.31
Rutgers	A06-33	6.13	6.31
PST	K4-3	5.96	6.29
PSG	A03-3	6.13	6.29
PSG	A05-347	6.17	6.27
DLF	Rhythm	6.13	6.27
NexGen	AKB510	6.25	6.27
NexGen	AKB355	6.25	6.24
Rutgers	A06-632	6.17	6.22
PST	103-651	5.79	6.22
NexGen	AKB434	6.00	6.20
Rutgers	A05-201	6.09	6.20
NexGen	AKB042	6.08	6.20
Peak Genetics	A06-19	5.92	6.18
Rutgers	A05-314	6.21	6.18
Rutgers	Bewitched	6.25	6.16
NexGen	AKB049	6.13	6.16
NexGen	AKB047	6.08	6.16
PST	A07-393	6.00	6.14
PST	104-59	5.92	6.13
NexGen	AKB186	5.88	6.13
DLF	A05-354	6.29	6.13
Rutgers	A98-363	5.83	6.11
PST	K9-90	6.08	6.11
Peak Genetics	Midnight	6.00	6.11
PST	K9-92	5.96	6.09
Peak Genetics	A04-1271	6.00	6.09

SPONSOR	CULTIVAR	Subjective Ratings	
		Average Turf Quality	Average Turf Quality 2010-2011
DLF	A05-297	6.05	6.07
Rutgers	A05-894	5.71	6.04
PSG	A05-316	5.79	6.02
DLF	A05-350	6.05	6.02
PST	103-585	5.46	6.00
PSG	A03TB-677	5.75	6.00
PST	K8-76NO	5.96	6.00
PST	K9-100	5.63	5.95
Peak Genetics	A04-38	5.79	5.95
Rutgers	A06-8	5.84	5.95
Peak Genetics	A98-210	5.84	5.93
NexGen	AKB264	5.67	5.93
NexGen	Baron	5.71	5.93
NexGen	AKB262	5.59	5.91
NexGen	AKB363	5.67	5.89
PST	K4-15	5.42	5.87
Rutgers	Ridgeline	5.83	5.87
NexGen	KH3343	5.67	5.87
NexGen	AKB426	5.59	5.86
NexGen	AKB345	5.71	5.84
NexGen	AKB1012	5.55	5.84
PST	PP-34736	5.38	5.82
DLF	Shamrock	5.63	5.82
NexGen	AKB1565	5.75	5.82
PST	103-87	5.29	5.80
PSG	A04-74	5.67	5.80
Rutgers	A06-2	5.59	5.78
Rutgers	A03TB-938	5.38	5.73
DLF	Mozart 1	5.21	5.69
NexGen	AKB953	5.29	5.67
PSG	MP07	5.59	5.62
PSG	TD08-4	5.63	5.60
NexGen	AKB141864	4.92	5.60
PST	K9-87	5.67	5.58
NexGen	KH8529	5.04	5.58
PSG	Touchdown	5.46	5.58
NexGen	AKB1010	5.21	5.55
NexGen	Conquistador (AKB1661)	5.13	5.51
PST	T7-7	5.00	5.47
NexGen	AKB360	4.84	5.40
Peak Genetics	KenBlue	5.17	5.33
PST	K7-28	4.75	5.27
NexGen	AKB1543	5.04	5.20
PST	1A4-311	4.08	5.16
PST	K9-86	4.63	5.07
PSG	OF-5000	5.34	5.07
PST	K8-64	4.21	4.93
PST	1G4-66	4.09	4.84
Peak Genetics	Orfeo	4.67	4.27
	CV	5.91	3.90
	LSD	0.47	0.32
	GRAND MEAN	5.86	6.03
	MIN. MEAN	4.08	4.27
	MAX. MEAN	6.83	6.84

Average Turf Quality = 1-9; 9=Best (8 ratings)
 Average Turf Quality 2010-2011 = 1-9; 9=Best (15 ratings, 2 years of data)

CTBT: 2010 Trial
 Tall Fescue Turf Trial
 Location: Urbana, Illinois
 Cooperator: Dr. Tom Ferமான

2011 Data

SPONSOR	CULTIVAR	Subjective Ratings	
		Est.	Average Turf Quality
DLF	IS-TF 224	68.33	6.83
NexGen	ATF1608	61.67	6.72
Peak Genetics	PPG-TF 105	73.33	6.72
DLF	Bullseye	60.00	6.72
Peak Genetics	PPG-TF 106	66.67	6.67
NexGen	ATF1567	70.00	6.67
Rutgers	3rd Millennium	70.00	6.61
DLF	IS-TF 233C	61.67	6.61
NexGen	ATF1570	73.33	6.61
NexGen	ATF1613	66.67	6.61
NexGen	ATF1549	71.67	6.61
Peak Genetics	Titanium LS	71.67	6.56
NexGen	ATF1621	66.67	6.56
NexGen	Penn 1901	81.67	6.56
PST	PST-5SLV	70.00	6.50
PSG	Mustang 4	66.67	6.50
DLF	IS-TF 223	63.33	6.50
PST	Wolfpack II	63.33	6.50
PST	Meridian (PST-5GRB)	76.67	6.50
NexGen	ATF1571	66.67	6.50
Rutgers	Falcon IV	73.33	6.50
PST	PST-5MVD	75.00	6.50
Rutgers	FCE3	75.00	6.45
Peak Genetics	PPG-TF 101	66.67	6.45
Peak Genetics	PPG-TF 102	58.33	6.45
DLF	IS-TF 227	66.67	6.45
NexGen	ATF1566	65.00	6.45
NexGen	ATF1609	68.33	6.45
NexGen	ATF1611	60.00	6.45
NexGen	ATF1548	63.33	6.45
Rutgers	Rhambler	73.33	6.44
Rutgers	LW	81.67	6.44
Peak Genetics	PPG-TF 116	63.33	6.44
Peak Genetics	Firecracker LS	68.33	6.44
PST	PST-5DKB	60.00	6.44
PSG	PSG 07-9	55.00	6.39
PSG	PSG 07-5	51.67	6.39
PSG	PSG 709509	63.33	6.39
DLF	IS-TF 197	65.00	6.39
DLF	IS-TF 219	56.67	6.39
DLF	IS-TF 225	63.33	6.39
DLF	IS-TF 230B	68.33	6.39
PST	PST-5MCD	73.33	6.39
PST	PST-5BGR	81.67	6.39
PST	Swagger (PST-5R05)	75.00	6.39
PST	PST-5AWT	70.00	6.39
NexGen	Verti (ATF1612)	71.67	6.39
NexGen	Rebel Exeda	76.67	6.39
Rutgers	Catalyst	78.33	6.39
Rutgers	6351	71.67	6.39
NexGen	ATF1620	66.67	6.39
Rutgers	Shenandoah III	78.33	6.33
Peak Genetics	PPG-TF 115	65.00	6.33
PST	PST-5LIV	66.67	6.33

SPONSOR	CULTIVAR	Subjective Ratings	
		Est.	Average Turf Quality
PST	Tarnation GT (PST-5T8E)	58.33	6.33
NexGen	ATF1610	68.33	6.33
NexGen	ATF1614	61.67	6.33
Rutgers	Falcon V	68.33	6.28
DLF	IS-TF 226	58.33	6.28
Rutgers	Traverse	63.33	6.28
Rutgers	Shenandoah Elite	63.33	6.28
Peak Genetics	PPG-TF 117	61.67	6.28
PSG	PSG 6008	70.00	6.28
PSG	STR 86QRH	81.67	6.28
PSG	Corona	66.67	6.28
DLF	IS-TF 217	66.67	6.28
DLF	IS-TF 231C	68.33	6.28
DLF	IS-TF 234C	65.00	6.28
NexGen	ATF1618	70.00	6.28
Peak Genetics	Spyder LS	71.67	6.22
PST	Cumberland (PST-5R20)	66.67	6.22
Peak Genetics	Raptor II	68.33	6.22
PSG	PSG 5908	78.33	6.22
PST	PST-5YMY	71.67	6.22
DLF	IS-TF 215	56.67	6.17
PST	PST-5DVD-07	71.67	6.17
PSG	PSG 82BPRH	70.00	6.17
PSG	PSG 8SP1	70.00	6.17
DLF	Essential	60.00	6.17
PST	Coronado TDH	63.33	6.17
PST	Rain Saver (PST-5SDS)	66.67	6.17
NexGen	ATF1619	68.33	6.17
PST	PST-R5NW	61.67	6.16
NexGen	ATF1568	70.00	6.16
NexGen	ATF1551	60.00	6.16
NexGen	ATF1569	61.67	6.11
PSG	PSG 8308	65.00	6.11
PST	Gazelle II	70.00	6.11
NexGen	ATF1550	61.67	6.11
PSG	PSG3905	65.00	6.06
PSG	PSG 08-6	61.67	6.06
PST	PST-5V4	56.67	6.06
PST	PST-5SIS	66.67	6.06
NexGen	ATF1547	68.33	6.06
Rutgers	Finelawn Xpress	70.00	6.05
PST	PST-5FDR	63.33	6.05
PSG	PSG 8GRTR	71.67	6.00
PST	PST-5DRP	71.67	6.00
PST	PST-5SXR	70.00	6.00
PST	PST-5SXD	66.67	5.95
PSG	Crossfire 3	65.00	5.94
PST	Rain Dance (PST-5SDT)	68.33	5.89
NexGen	ATF1491	71.67	5.72
Peak Genetics	KY-31	80.00	3.83
	CV	13.22	4.58
	LSD	12.05	0.39
	GRAND MEAN	67.58	6.30
	MIN. MEAN	51.67	3.83
	MAX. MEAN	81.67	6.83

Est. = Establishment = 1-100; 100=Established
 Average Turf Quality = 1-9; 9=Best (6 ratings)

CTBT: 2009 Trial
 Kentucky Bluegrass Turf Trial
 Location: Berry, Kentucky
 Cooperator: Steve Reid

2011 Data

SPONSOR	CULTIVAR	Subjective Ratings					Digital Image Analysis Ratings							
		Spring Green Up	Average Leaf Texture	Average Leaf Texture 2010-2011	Average Turf Quality	Average Turf Quality 2010-2011	Average Cover	Average Genetic Color	Average Density	Average Turf Quality	Average Cover 2010-2011	Average Genetic Color 2010-2011	Average Density 2010-2011	Average Turf Quality 2010-2011
PSG	A04-383	6.33	6.33	5.43	6.03	6.10	7.67	3.93	7.87	7.07	8.10	3.40	7.80	6.67
NexGen	AKB047	4.67	5.67	5.70	6.03	6.20	7.67	4.87	6.60	7.07	7.87	4.80	6.17	6.67
Peak Genetics	A94MH-94	4.00	4.67	4.00	6.03	6.07	7.73	5.00	6.73	7.13	7.93	4.47	6.47	6.60
DLF	Rhythm	3.33	5.17	4.53	5.30	5.23	7.80	4.67	6.60	7.20	7.97	4.40	6.03	6.57
PST	103-651	4.00	5.50	4.90	5.03	5.03	7.27	5.93	6.33	7.20	7.33	5.57	5.70	6.57
Peak Genetics	A04-38	5.67	5.33	4.47	5.13	5.03	7.60	5.47	5.87	6.73	7.60	5.50	5.77	6.53
Rutgers	A06-8	4.67	4.67	4.10	4.53	4.47	7.80	5.47	6.13	7.13	7.93	4.97	5.47	6.50
DLF	A04-1417	3.67	5.17	5.33	5.27	5.37	7.33	5.80	6.07	6.80	7.77	5.13	5.83	6.50
DLF	A05-350	4.67	3.00	3.10	4.37	4.57	7.67	6.40	5.73	7.13	7.73	5.50	5.33	6.50
PSG	A03-3	4.67	5.33	4.67	5.63	5.47	8.07	4.27	6.53	7.07	8.30	3.67	6.17	6.47
Rutgers	A98-363	4.33	4.50	4.30	5.20	5.13	7.93	4.73	6.53	7.07	7.93	4.40	5.93	6.47
DLF	A05-323	4.33	5.17	4.77	5.10	5.27	7.60	4.73	6.67	6.93	7.83	4.27	6.33	6.47
DLF	A05-354	5.00	3.67	3.43	4.60	5.17	7.73	5.47	5.93	6.67	7.90	5.20	5.73	6.43
DLF	A05-297	4.00	4.83	4.33	5.63	5.53	7.67	5.47	6.40	7.13	7.87	4.87	5.47	6.43
Peak Genetics	Midnight	5.00	5.50	5.10	5.53	5.93	7.67	5.27	6.40	6.80	7.80	4.97	5.90	6.43
NexGen	AKB434	6.00	5.50	5.20	5.60	5.87	7.60	6.07	5.87	6.87	7.80	5.07	5.80	6.43
Peak Genetics	Prosperity	3.00	6.33	5.90	5.13	5.27	7.60	5.67	6.07	6.80	7.80	5.10	5.67	6.40
DLF	A00-2882	5.67	4.50	4.10	5.37	5.13	7.87	5.73	5.53	7.00	7.33	5.80	5.13	6.40
DLF	Rhapsody	5.33	5.67	5.13	5.87	5.93	7.60	5.33	6.07	6.80	7.70	4.77	5.87	6.37
PST	102-158	3.33	4.17	3.57	4.37	4.60	7.67	5.27	5.93	6.80	7.90	4.40	5.87	6.33
PST	K9-87	5.33	4.67	3.87	4.80	5.17	7.47	5.27	6.40	7.07	7.70	4.70	5.63	6.33
PST	K4-15	4.67	5.83	5.13	5.37	5.57	7.60	5.87	5.87	6.87	7.60	5.30	5.40	6.33
Rutgers	A06-632	4.67	5.17	4.57	4.70	4.70	7.27	5.27	6.40	6.73	7.33	4.87	5.93	6.33
PST	K9-100	5.67	5.50	4.67	4.83	5.20	6.80	5.33	6.47	6.53	6.90	5.33	6.07	6.33
PSG	A03-3606-8	6.33	6.00	5.80	6.27	6.60	8.27	4.47	6.00	6.67	8.40	4.10	5.50	6.30
PSG	A03TB-677	5.00	5.67	5.00	5.20	5.20	7.67	4.93	6.40	6.93	7.90	4.60	5.60	6.30
Peak Genetics	A98-210	4.67	4.67	4.10	4.70	4.40	7.67	4.67	6.40	6.93	7.60	4.40	5.70	6.30
PST	K9-82	6.33	5.67	4.87	6.03	5.47	7.20	4.40	6.80	6.87	7.47	4.03	5.97	6.30
PST	103-585	4.67	5.33	5.13	5.70	5.63	7.73	6.00	5.20	6.67	7.80	5.70	4.97	6.27
PST	103-87	4.67	6.67	6.57	5.03	5.20	7.60	5.73	5.67	6.73	7.67	5.23	5.27	6.27
Rutgers	A06-2	4.67	5.33	4.70	4.77	4.77	7.40	5.47	5.80	6.73	7.57	5.07	5.47	6.27
NexGen	AKB510	5.33	5.33	5.10	5.10	5.13	7.27	5.87	5.80	6.60	7.57	5.47	5.23	6.27
PST	K9-99	4.67	4.33	3.33	5.37	4.90	6.67	5.13	6.80	6.47	7.03	4.60	6.60	6.27
Rutgers	A06-33	5.00	3.83	3.80	4.80	5.27	7.80	5.67	5.53	6.67	7.97	5.10	5.20	6.23
PSG	A05-316	6.33	6.00	5.53	5.03	5.30	7.53	4.87	6.00	6.67	7.93	4.50	5.73	6.23
Rutgers	Bewitched	3.67	4.33	4.00	5.10	5.13	7.40	5.00	6.60	6.87	7.50	4.73	5.73	6.23
NexGen	Conquistador (AKB1661)	4.33	4.67	3.90	4.93	5.23	7.00	5.07	6.67	6.73	7.27	4.50	6.20	6.23
Rutgers	A98-344	4.33	3.50	3.20	3.93	4.20	7.40	6.07	5.60	6.60	7.13	5.93	5.20	6.23
Rutgers	Ridgeline	5.67	5.50	4.77	5.27	5.07	7.40	5.60	6.00	6.87	7.73	4.60	5.57	6.20
PST	A07-393	4.33	5.50	5.20	4.33	5.27	7.00	5.73	6.00	6.53	7.37	4.90	6.00	6.20
PST	K8-75NO	4.33	4.00	3.67	4.87	5.03	7.13	4.73	6.67	6.47	7.27	4.67	6.17	6.20
DLF	A04-1488	4.00	6.17	6.53	5.67	6.07	7.47	5.13	5.93	6.53	7.97	4.53	5.73	6.17
PSG	A04-74	4.00	5.33	4.77	5.10	5.13	7.47	4.80	6.20	6.67	7.80	4.07	5.93	6.17
NexGen	AKB360	4.67	5.00	4.77	4.93	5.37	7.33	5.47	5.87	6.53	7.67	4.80	5.57	6.17
NexGen	AKB1010	4.00	5.00	4.33	4.77	5.13	7.07	5.13	5.87	6.47	7.60	4.87	5.77	6.17
NexGen	AKB264	4.33	4.17	4.00	4.60	4.57	7.67	5.67	5.20	6.67	7.97	5.07	4.97	6.13
Rutgers	A05-314	4.33	5.50	5.13	4.53	4.83	7.60	5.40	5.27	6.60	7.77	4.70	5.23	6.13
PSG	A05-347	3.67	4.00	3.77	4.77	5.13	7.27	5.87	5.60	6.33	7.77	5.10	5.50	6.13
Peak Genetics	A06-19	4.67	5.17	4.43	4.00	4.17	7.47	5.87	5.13	6.40	7.73	5.17	5.07	6.13
PST	K9-90	3.33	4.83	4.43	4.87	4.63	7.00	5.40	6.33	6.60	7.33	4.87	5.83	6.13
PST	K4-3	4.00	5.17	4.57	5.53	5.43	7.47	4.07	6.67	6.60	7.73	3.70	6.07	6.10
NexGen	AKB363	5.33	6.67	6.43	5.70	5.67	7.67	4.73	5.80	6.40	7.83	4.30	5.80	6.07
Peak Genetics	A99-523	3.33	5.67	5.37	4.27	4.60	7.60	5.20	5.67	6.53	7.80	4.57	5.33	6.07
DLF	Futurity	3.67	5.33	4.90	5.10	4.93	7.40	4.67	6.33	6.47	7.77	4.13	5.83	6.07
NexGen	KH8529	5.67	4.33	4.00	4.50	4.77	6.80	6.60	5.40	6.33	7.03	6.07	5.10	6.07
NexGen	AKB355	5.33	6.83	6.23	5.43	5.97	7.47	5.07	5.73	6.20	7.93	4.23	5.87	6.03
DLF	Shamrock	6.00	4.67	4.23	4.30	4.23	7.13	5.80	5.53	6.47	7.37	4.93	5.13	6.03
NexGen	Baron	4.33	4.83	4.53	5.27	4.87	7.20	5.13	6.27	6.53	7.27	4.93	5.57	6.03
PST	1A4-311	3.67	5.67	4.77	4.20	4.33	6.87	5.60	5.80	6.40	7.23	5.00	5.40	6.03
NexGen	AKB1012	4.67	4.67	4.33	4.77	5.20	6.87	6.20	4.93	6.00	7.17	5.83	5.00	6.03
NexGen	AKB953	6.33	6.00	4.97	4.70	4.80	7.07	5.93	5.53	6.53	7.03	6.00	4.87	6.03
PSG	A03-351	3.67	5.33	4.57	4.80	4.70	7.40	5.87	5.87	6.60	7.57	4.77	5.57	6.00
PST	1G4-66	4.67	4.83	4.57	4.67	4.93	6.93	6.13	5.40	6.33	7.03	5.77	5.23	6.00
PST	PP-34736	4.33	6.33	5.90	4.77	5.00	7.27	5.80	5.20	6.20	7.40	5.33	4.90	5.97
NexGen	AKB1565	4.67	4.67	4.47	4.10	4.47	7.33	5.80	5.53	6.53	6.90	5.73	4.97	5.97
PST	104-59	4.67	5.83	5.23	4.80	4.80	7.47	4.87	5.73	6.27	7.80	4.07	5.70	5.93
PST	K4-7	4.00	5.67	5.23	4.87	4.93	7.33	6.07	5.13	6.20	7.50	5.40	5.10	5.93
NexGen	AKB262	4.67	4.17	3.77	4.53	4.57	7.33	5.27	6.00	6.40	7.47	4.73	5.13	5.93
PST	K8-76NO	3.67	5.50	5.00	4.60	4.47	6.87	5.13	6.60	6.20	7.40	4.30	6.40	5.93
PST	T7-7	5.67	6.00	5.57	4.70	4.27	6.93	5.60	6.07	6.47	7.13	4.97	5.37	5.93
PST	K9-86	4.67	5.33	4.20	4.10	4.43	6.60	6.67	5.40	6.20	7.13	5.63	5.33	5.93
NexGen	AKB1543	5.33	5.17	4.37	4.93	4.60	7.20	5.27	6.13	6.47	6.93	5.10	5.50	5.93
PST	K9-105D	4.00	7.00	6.90	4.67	4.97	7.20	5.33	5.73	6.20	7.70	4.77	4.97	5.90
Rutgers	Diva	4.00	5.33	4.80	4.93	4.57	7.33	4.80	6.00	6.33	7.70	4.27	5.23	5.90
Rutgers	A96-1338	5.00	7.00	6.57	6.10	6.20	7.33	4.27	5.80	6.20	7.63	3.77	5.73	5.90
Rutgers	A03TB-938	4.00	5.33	5.00	5.03	5.27	7.20	4.73	5.73	6.20	7.60	4.10	5.37	5.90
NexGen	AKB042	5.33	5.67	5.33	4.53	5.17	6.93	5.47	5.93	6.33	7.53	4.67	5.27	5.90
PSG	A00-1395	4.33	6.17	6.00	4.87	5.00	7.13	5.13	5.33	6.07	7.50	4.67	5.37	5.90
NexGen	Mallard	3.33	4.50	3.90	4.43	4.47	7.13	5.67	5.67	6.20	7.50	4.80	5.50	5.90
Peak Genetics	A04-1271	4.00	6.17	5.53	5.37	5.47	6.73	4.07	6.60	6.20	7.30	3.63	6.40	5.90

SPONSOR	CULTIVAR	Subjective Ratings					Digital Image Analysis Ratings							
		Spring Green Up	Average Leaf Texture	Average Leaf Texture 2010-2011	Average Turf Quality	Average Turf Quality 2010-2011	Average Cover	Average Genetic Color	Average Density	Average Turf Quality	Average Cover 2010-2011	Average Genetic Color 2010-2011	Average Density 2010-2011	Average Turf Quality 2010-2011
PSG	A05-321	6.00	5.67	5.57	5.53	5.67	7.47	4.60	6.00	6.27	7.63	4.23	5.73	5.87
Peak Genetics	KenBlue	6.67	8.00	6.77	5.10	4.80	7.40	4.87	5.47	6.13	7.40	4.80	5.13	5.87
Rutgers	A05-201	4.33	5.67	5.37	4.67	4.93	6.93	4.87	5.87	6.13	7.33	4.40	5.80	5.87
NexGen	KH3343	4.00	5.17	4.57	4.77	5.17	6.93	5.13	5.67	6.00	7.50	4.23	5.67	5.83
PST	K7-28	4.00	6.50	5.80	4.20	4.97	6.67	6.47	4.93	6.00	7.30	5.73	4.80	5.83
Peak Genetics	Orfeo	4.00	4.67	4.10	4.33	4.53	6.73	4.80	5.93	6.13	7.03	4.73	5.40	5.83
PST	K7-29	3.00	4.83	4.20	3.77	3.80	6.47	5.53	6.40	6.27	6.50	5.30	5.80	5.83
PST	K8-64	4.33	5.50	5.00	4.53	4.87	6.80	5.53	5.80	6.07	7.40	4.60	5.47	5.80
NexGen	AKB049	6.33	7.00	6.33	4.03	4.43	6.93	6.40	5.07	6.13	7.20	5.87	4.70	5.80
Rutgers	A05-894	5.33	4.67	3.97	4.27	4.67	6.80	4.93	5.93	5.87	6.83	5.03	5.80	5.80
Rutgers	A05-322	3.33	5.83	5.33	4.70	4.73	7.33	4.73	5.53	6.07	7.73	4.13	5.33	5.77
NexGen	AKB141864	4.67	6.67	6.23	4.53	4.93	7.13	6.07	4.73	5.93	7.43	5.40	4.77	5.73
NexGen	AKB426	5.00	5.17	4.87	4.77	4.80	7.13	5.47	5.53	6.07	7.33	4.87	5.30	5.73
PSG	MP07	5.33	5.83	5.77	4.77	5.07	6.80	5.07	5.73	5.87	7.17	4.70	5.43	5.70
PSG	TD08-4	4.00	5.67	4.97	4.17	4.50	7.00	4.73	5.93	5.87	7.33	4.13	5.77	5.67
PSG	America	3.67	6.00	5.53	4.77	4.97	7.20	5.40	5.13	5.80	7.60	4.60	5.20	5.63
PSG	Touchdown	5.33	5.33	4.77	5.10	5.03	6.93	5.13	5.47	5.80	7.27	4.63	5.10	5.63
NexGen	AKB345	5.33	6.33	6.20	4.70	4.53	6.87	5.60	5.40	6.00	6.90	5.40	4.90	5.63
PST	K9-92	5.33	4.17	3.77	4.50	4.80	6.27	5.27	6.20	5.93	6.63	4.60	5.57	5.63
DLF	Mozart 1	5.00	7.00	6.67	4.20	4.77	6.67	4.93	5.47	5.47	7.23	4.43	5.67	5.60
PSG	OF-5000	3.33	4.33	3.57	4.37	4.50	6.67	4.73	6.00	5.73	7.17	4.20	5.73	5.60
NexGen	AKB186	4.00	6.33	6.23	4.60	4.70	6.93	4.73	5.47	6.00	7.33	4.17	4.87	5.57
DLF	Sombrero	5.00	5.83	4.77	4.43	4.73	6.40	5.33	5.87	5.73	6.63	4.63	5.87	5.53
CV		22.52	10.21	10.75	13.06	10.46	6.15	12.34	9.48	6.91	4.99	11.58	8.63	5.18
LSD		1.41	0.74	0.71	0.86	0.71	0.60	0.88	0.76	0.60	0.51	0.75	0.65	0.43
GRAND MEAN		4.63	5.35	4.88	4.90	5.03	7.27	5.31	5.92	6.47	7.51	4.80	5.57	6.09
MIN. MEAN		3.00	3.00	3.10	3.77	3.80	6.27	3.93	4.73	5.47	6.50	3.40	4.70	5.53
MAX. MEAN		6.67	8.00	6.90	6.27	6.60	8.27	6.67	7.87	7.20	8.40	6.07	7.80	6.67

Subjective Ratings:

Spring Green Up = 1-9; 9=Best
Average Leaf Texture = 1-9; 9=Finest Bladed (2 ratings)
Average Leaf Texture 2010-2011 = 1-9; 9=Finest Bladed (3 ratings)
Average Turf Quality = 1-9; 9=Best (4 ratings)
Average Turf Quality 2010-2011 = 1-9; 9=Best (8 ratings)

Objective Ratings:

Average Cover = 1-9; 9=Most Cover (5 ratings)
Average Genetic Color = 1-9; 9=Darkest (5 ratings)
Average Density = 1-9; 9=Most Dense (5 ratings)
Average Turf Quality = 1-9; 9=Best (5 ratings)
Average Cover 2010-2011 = 1-9; 9=Most Cover (8 ratings, 2 years of data)
Average Genetic Color 2010-2011 = 1-9; 9=Darkest (8 ratings, 2 years of data)
Average Density 2010-2011 = 1-9; 9=Most Dense (8 ratings, 2 years of data)
Average Turf Quality 2010-2011 = 1-9; 9=Best (8 ratings, 2 years of data)

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	Tarnation GT (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	3.33	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	Swagger (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	Verti (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	Cumberland (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	Meridian (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
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-5MYM	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	Rain Dance (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	Rain Saver (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)

CTBT: 2009 Trial
 Kentucky Bluegrass Turf Trial
 Location: St. Paul, Minnesota
 Cooperator: Dr. Eric Watkins

2011 Data

Subjective Ratings

SPONSOR	CULTIVAR	Snow Mold	Genetic Color	Stem Rust	Average Turf Quality	Average Stem Rust 2010-2011	Average Genetic Color 2010-2011	Average Turf Quality 2010-2011
PSG	A05-321	6.33	3.00	6.67	6.60	7.00	3.33	6.36
DLF	A04-1488	5.33	5.33	7.00	6.80	6.33	4.50	6.31
PST	K4-7	6.00	6.67	6.33	6.13	7.00	6.00	6.30
DLF	A04-1417	4.67	4.33	6.67	6.07	6.67	4.33	6.14
NexGen	AKB355	4.00	3.33	6.67	5.87	7.33	3.83	6.11
PSG	A03-3	2.33	4.00	6.67	4.87	7.17	4.67	6.06
Rutgers	A96-1338	4.00	4.33	7.67	6.40	7.67	3.33	6.05
Rutgers	Diva	5.67	4.67	6.67	5.13	7.33	4.17	5.92
DLF	A05-323	5.67	4.33	4.67	5.67	6.00	5.33	5.89
NexGen	AKB434	5.00	6.00	4.33	5.67	6.00	5.83	5.83
PSG	A03-351	3.33	3.00	7.33	5.67	7.00	3.33	5.80
PST	K9-105D	3.67	5.33	6.67	5.40	6.83	5.50	5.78
DLF	Mozart 1	4.33	3.33	6.00	6.27	6.17	2.83	5.78
Peak Genetics	A94MH-94	4.67	3.67	6.00	6.07	6.83	3.50	5.78
NexGen	AKB049	5.00	5.67	5.33	6.27	6.50	5.00	5.67
PSG	A03-3606-8	3.00	5.67	6.00	4.73	6.83	5.50	5.67
Rutgers	A06-8	5.00	5.00	6.00	4.93	7.00	5.17	5.64
Rutgers	A06-2	5.33	4.67	6.33	5.33	7.17	4.67	5.61
NexGen	AKB141864	2.33	6.00	6.00	5.33	5.50	5.50	5.61
NexGen	AKB345	2.33	5.00	6.33	5.40	7.00	4.50	5.56
DLF	Futurity	5.67	3.33	4.67	5.27	6.17	3.83	5.55
PST	K8-64	6.00	3.67	5.67	5.33	6.50	3.33	5.53
PST	K4-15	3.67	5.33	6.00	5.27	7.00	5.50	5.50
NexGen	KH8529	6.00	3.67	6.00	5.53	6.83	5.00	5.47
NexGen	AKB042	4.00	5.67	4.67	5.73	6.00	4.83	5.44
NexGen	AKB047	4.67	6.33	5.00	5.33	6.00	6.17	5.39
Rutgers	A03TB-938	5.00	5.67	4.33	5.20	6.00	4.67	5.36
PST	A07-393	5.33	4.67	6.00	5.53	6.83	4.67	5.33
NexGen	AKB363	7.00	4.33	5.00	5.67	4.83	4.17	5.33
NexGen	AKB186	5.67	5.67	4.00	5.53	4.17	5.33	5.33
NexGen	KH3343	4.33	3.67	4.67	5.33	6.00	3.50	5.31
PST	K9-90	4.67	3.67	5.00	5.00	6.33	3.33	5.28
Rutgers	A05-201	4.67	2.67	5.00	5.20	6.17	2.83	5.25
NexGen	Baron	6.00	5.00	5.67	5.27	6.50	5.00	5.25
Peak Genetics	A04-38	5.33	6.33	4.33	4.87	5.33	5.00	5.19
PSG	America	5.67	5.33	3.67	4.80	5.50	5.00	5.19
PST	K9-99	4.00	4.00	4.33	4.80	5.83	3.17	5.17
Peak Genetics	A06-19	5.67	3.67	5.33	4.27	6.67	4.17	5.16
NexGen	AKB426	4.67	6.00	4.33	5.20	5.33	5.33	5.11
Rutgers	A05-894	4.00	5.00	4.33	4.53	6.00	5.17	5.08
PSG	A05-316	5.00	4.67	4.67	4.87	6.17	3.83	5.08
PSG	MP07	3.00	4.33	6.00	4.67	6.83	3.67	5.08
PST	104-59	5.67	4.00	5.67	5.07	6.17	3.33	5.06
PST	K9-86	5.00	3.00	5.00	4.87	6.17	3.33	5.05
DLF	A05-354	4.67	5.00	7.00	4.60	7.50	5.67	5.03
PSG	OF-5000	5.33	4.67	5.00	5.53	5.00	3.17	5.03
PSG	Touchdown	5.33	3.33	5.67	5.60	4.67	3.50	5.03
PST	1G4-66	5.00	5.67	4.67	4.73	5.67	5.33	5.00
PST	T7-7	3.33	4.00	5.67	4.07	6.67	3.83	5.00
NexGen	AKB510	4.67	6.00	4.00	4.80	5.50	6.33	5.00
Rutgers	A98-363	5.00	5.67	6.33	4.53	6.83	5.00	4.92
Rutgers	A05-314	5.33	5.33	5.00	4.27	5.67	4.67	4.92
Rutgers	A06-33	5.00	5.33	7.00	4.60	7.50	5.67	4.92
NexGen	AKB1012	6.00	7.33	3.67	5.07	5.33	7.00	4.89
PSG	A04-383	3.00	2.00	6.67	4.80	7.17	2.17	4.86
PST	K8-76NO	5.00	2.00	4.33	5.13	4.33	2.00	4.86
Peak Genetics	A04-1271	2.67	4.67	5.00	4.53	5.83	3.33	4.86
DLF	A00-2882	5.33	6.67	4.67	4.53	5.17	6.17	4.83

Subjective Ratings

SPONSOR	CULTIVAR	Snow Mold	Genetic Color	Stem Rust	Average Turf Quality	Average Stem Rust 2010-2011	Average Genetic Color 2010-2011	Average Turf Quality 2010-2011
DLF	Sombrero	4.67	5.00	5.00	5.13	5.00	3.83	4.83
NexGen	AKB360	5.33	6.00	4.33	4.53	5.00	5.67	4.83
NexGen	AKB262	4.00	4.67	6.33	4.13	7.00	5.83	4.78
PST	102-158	4.33	5.33	5.33	4.53	6.17	5.50	4.78
Peak Genetics	A99-523	5.33	4.33	4.33	4.13	6.00	4.83	4.75
PST	K9-92	3.33	3.00	4.00	4.47	5.17	2.67	4.72
DLF	Rhapsody	4.67	4.00	3.67	3.93	5.67	4.33	4.72
PST	K7-29	4.00	4.00	5.00	4.67	6.17	3.33	4.69
Peak Genetics	Orfeo	5.00	4.33	5.00	5.20	4.50	3.00	4.69
DLF	A05-350	5.33	5.00	5.67	4.27	5.33	5.83	4.64
DLF	Rhythm	4.33	5.33	3.67	3.93	5.50	5.67	4.64
PST	K8-75NO	3.33	1.67	4.33	4.40	6.00	2.17	4.64
Rutgers	A06-632	4.33	3.67	4.33	4.67	5.33	2.67	4.61
PSG	A00-1395	4.67	3.67	4.00	4.07	5.67	4.00	4.53
PSG	A05-347	4.00	5.67	4.33	3.20	6.00	6.17	4.53
PST	103-585	5.33	8.33	3.33	4.00	3.83	7.67	4.47
PSG	TD08-4	4.00	3.33	4.33	4.60	4.33	2.33	4.47
Rutgers	Bewitched	4.67	6.33	4.00	3.87	5.83	5.67	4.47
NexGen	AKB953	6.00	6.00	4.33	4.07	5.50	7.17	4.47
PST	103-87	4.00	5.33	4.00	3.93	5.17	5.33	4.47
PST	K7-28	5.00	6.33	3.67	3.87	5.33	6.83	4.47
DLF	Shamrock	5.33	4.67	3.67	3.87	5.17	3.83	4.44
PST	K9-100	2.33	7.00	3.33	3.53	5.00	5.67	4.39
NexGen	AKB1010	4.33	5.67	5.33	4.20	6.00	5.50	4.39
Peak Genetics	Prosperity	5.00	5.00	3.33	3.67	4.50	5.50	4.36
NexGen	AKB264	5.00	6.00	5.33	4.07	5.67	6.17	4.36
Rutgers	A05-322	4.67	3.33	4.33	3.60	5.17	3.83	4.33
PSG	A03TB-677	4.00	6.00	3.33	3.47	5.67	5.00	4.25
Peak Genetics	Midnight	4.00	6.00	3.00	3.60	5.00	6.00	4.19
PSG	A04-74	4.00	7.33	3.33	3.53	5.33	7.67	4.16
Rutgers	A98-344	3.33	7.67	6.00	3.40	6.67	7.50	4.14
Peak Genetics	KenBlue	2.33	4.00	6.00	4.07	6.83	4.00	4.14
PST	PP-34736	4.00	5.67	3.67	3.93	3.50	4.50	4.11
DLF	A05-297	4.00	6.67	4.00	3.13	5.00	6.33	4.11
PST	K4-3	3.67	3.33	2.67	3.27	4.17	3.83	4.08
PST	K9-87	5.67	7.00	2.33	3.93	3.00	5.83	4.08
PST	K9-82	2.33	5.67	3.67	3.07	4.33	4.50	4.08
PST	1A4-311	3.67	3.67	2.33	3.20	5.00	5.50	4.05
NexGen	Conquistador (AKB1661)	4.33	3.00	3.67	3.73	5.50	3.00	4.03
NexGen	AKB1543	5.33	3.33	4.00	4.07	4.67	2.83	3.97
Rutgers	Ridgeline	4.00	5.00	3.67	3.07	4.83	5.33	3.89
PST	103-651	4.00	6.00	3.33	3.73	4.50	6.50	3.86
Peak Genetics	A98-210	4.67	4.00	3.67	2.80	5.83	4.50	3.81
NexGen	Mallard	3.67	6.33	4.00	1.80	5.00	6.50	3.53
NexGen	AKB1565	4.67	6.00	3.67	2.93	4.50	5.33	3.47
CV		16.19	32.12	16.21	13.60	10.97	19.19	10.65
LSD		0.99	2.10	1.07	0.85	0.86	1.22	0.71
GRAND MEAN		4.55	4.86	4.89	4.64	5.81	4.70	4.94
MIN. MEAN		2.33	1.67	2.33	1.80	3.00	2.00	3.47
MAX. MEAN		7.00	8.33	7.67	6.80	7.67	7.67	6.36

Snow Mold = 1-9; 9=Most Resistant

Genetic Color = 1-9; 9=Darkest

Stem Rust = 1-9; 9=Most Resistant

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

Average Stem Rust 2010-2011 = 1-9; 9=Most Resistant (2 ratings, 2 years of data)

Average Genetic Color 2010-2011 = 1-9; 9=Darkest (2 ratings, 2 years of data)

Average Turf Quality 2010-2011 = 1-9; 9=Best (12 ratings, 2 years of data)

CTBT: 2010 Trial
 Tall Fescue Turf Trial
 Location: St. Paul, Minnesota
 Cooperator: Dr. Eric Watkins

2011 Data

Subjective Ratings

SPONSOR	CULTIVAR	Est.	Genetic Color	Average Turf Quality
Rutgers	3rd Millennium	8.00	5.33	7.00
Rutgers	Falcon V	6.67	5.00	6.67
NexGen	Penn 1901	7.33	5.33	6.67
NexGen	Rebel Exeda	6.33	4.67	6.45
Rutgers	Finelawn Xpress	7.00	5.67	6.44
Peak Genetics	PPG-TF 102	6.33	6.00	6.44
Peak Genetics	PPG-TF 106	5.67	5.67	6.44
Rutgers	LW	6.33	6.67	6.22
NexGen	Verti (ATF1612)	6.00	6.00	6.22
DLF	IS-TF 231C	5.00	8.00	6.11
NexGen	ATF1568	6.67	5.00	6.11
Rutgers	Falcon IV	5.67	4.33	6.11
DLF	IS-TF 197	5.33	6.33	6.11
NexGen	ATF1613	5.33	5.00	6.11
PSG	PSG 8308	6.00	4.67	6.00
PSG	PSG 8SP1	6.33	6.33	6.00
DLF	IS-TF 227	5.33	6.33	6.00
PST	Meridian (PST-5GRB)	6.00	4.33	6.00
Peak Genetics	PPG-TF 116	5.33	5.67	5.89
PST	Gazelle II	6.33	5.00	5.89
PST	Cumberland (PST-5R20)	5.67	3.33	5.89
NexGen	ATF1569	5.67	4.33	5.89
NexGen	ATF1608	5.33	6.00	5.89
NexGen	ATF1614	5.33	6.67	5.89
NexGen	ATF1619	6.33	4.00	5.89
Rutgers	FCE3	5.67	6.33	5.89
PSG	STR 86QRH	5.33	7.33	5.89
DLF	IS-TF 230B	6.00	8.00	5.89
PST	PST-5DVD-07	5.67	5.33	5.89
Rutgers	6351	6.33	5.67	5.78
Peak Genetics	Firecracker LS	7.00	5.67	5.78
DLF	IS-TF 225	5.33	7.33	5.78
PST	PST-5AWT	5.33	5.67	5.78
PST	Wolfpack II	4.33	6.00	5.78
NexGen	ATF1566	5.33	5.00	5.78
NexGen	ATF1547	5.67	4.33	5.78
NexGen	ATF1567	5.67	5.00	5.78
Peak Genetics	Spyder LS	5.67	6.67	5.67
Peak Genetics	Titanium LS	6.00	5.00	5.67
DLF	IS-TF 234C	5.00	8.00	5.67
Rutgers	Catalyst	6.00	4.33	5.67
PSG	PSG3905	5.67	6.67	5.67
PSG	PSG 07-9	5.33	7.67	5.67
PSG	PSG 709509	5.67	6.00	5.67
DLF	Bullseye	5.00	7.67	5.67
PST	PST-5V4	5.67	4.33	5.67
PST	PST-5SLV	4.67	5.67	5.67
Peak Genetics	PPG-TF 101	5.33	6.00	5.56
PSG	PSG 5908	6.33	7.33	5.56
DLF	IS-TF 233C	5.00	5.67	5.56
PST	Rain Saver (PST-5SDS)	5.33	3.67	5.56
NexGen	ATF1570	5.00	5.67	5.56
NexGen	ATF1571	5.33	5.00	5.56

NexGen	ATF1609	4.67	7.00	5.56
NexGen	ATF1548	5.33	6.00	5.56
PSG	PSG 8GRTR	6.33	4.00	5.55
DLF	Essential	5.33	5.33	5.55
NexGen	ATF1620	5.67	6.00	5.55
Rutgers	Rhambler	5.33	5.33	5.45
Peak Genetics	PPG-TF 105	5.33	6.33	5.45
PSG	PSG 08-6	6.67	4.33	5.45
PST	PST-5DKB	5.67	5.00	5.45
NexGen	ATF1618	6.33	4.67	5.45
PST	PST-R5NW	5.67	5.00	5.44
Rutgers	Shenandoah Elite	5.67	6.33	5.33
Rutgers	Shenandoah III	5.67	6.00	5.33
PSG	PSG 82BPRH	7.00	4.67	5.33
DLF	IS-TF 219	4.67	6.00	5.33
DLF	IS-TF 223	5.33	5.67	5.33
NexGen	ATF1611	5.33	5.00	5.33
NexGen	ATF1550	6.00	5.33	5.33
Peak Genetics	PPG-TF 117	5.33	7.00	5.22
PSG	PSG 07-5	5.33	9.00	5.22
PSG	Crossfire 3	5.00	6.67	5.22
PST	PST-5MCD	6.00	5.67	5.22
PST	PST-5BGR	6.67	3.67	5.22
PST	PST-5DRP	5.67	4.00	5.22
NexGen	ATF1549	5.00	7.33	5.22
NexGen	ATF1491	6.33	3.00	5.22
Peak Genetics	Raptor II	4.67	7.33	5.22
DLF	IS-TF 226	4.33	6.67	5.22
PST	PST-5FDR	4.67	5.67	5.22
PSG	Mustang 4	4.67	6.33	5.11
Peak Genetics	PPG-TF 115	5.00	5.67	5.11
PSG	PSG 6008	5.33	7.00	5.11
PST	PST-5SIS	5.67	3.00	5.11
PST	Rain Dance (PST-5SDT)	5.67	4.33	5.11
NexGen	ATF1610	5.00	6.00	5.11
NexGen	ATF1621	5.00	4.67	5.11
PST	Tarnation GT (PST-5T8E)	6.00	6.33	5.00
PST	PST-5SXR	5.67	5.00	4.89
PST	Coronado TDH	4.67	5.67	4.89
PSG	Corona	5.33	7.67	4.89
PST	Swagger (PST-5R05)	5.00	4.67	4.78
PST	PST-5MVD	4.67	5.33	4.78
NexGen	ATF1551	5.33	5.67	4.78
DLF	IS-TF 215	3.33	6.67	4.67
DLF	IS-TF 224	4.00	7.67	4.67
PST	PST-5LIV	4.33	5.67	4.67
PST	PST-5SXD	5.00	4.33	4.67
Rutgers	Traverse	4.33	5.33	4.56
DLF	IS-TF 217	4.33	6.00	4.22
PST	PST-5YMY	5.67	2.67	4.11
Peak Genetics	KY-31	6.67	1.00	1.33
CV		15.96	13.23	14.01
LSD		1.20	1.00	1.04
GRAND MEAN		5.55	5.61	5.50
MIN. MEAN		3.33	1.00	1.33
MAX. MEAN		8.00	9.00	7.00

Est. = Establishment = 1-9; 9=Most Established (June, 2011)
Genetic Color = 1-9; 9=Darkest
Average Turf Quality = 1-9; 9=Best (3 ratings)

CTBT: 2010 Trial
 Tall Fescue Turf Trial
 Location: Rolesville, North Carolina
 Cooperator: Dr. Melodee Fraser

2011 Data

Subjective Ratings

SPONSOR	CULTIVAR	Brown Patch July 12	Brown Patch July 25	Brown Patch August 2	Brown Patch August 17	Average Brown Patch	Average Turf Quality
Peak Genetics	PPG-TF 106	8.67	6.67	6.67	7.67	7.42	6.08
Peak Genetics	PPG-TF 105	8.00	7.33	6.33	6.00	6.92	6.03
PST	Cumberland (PST-5R20)	7.33	6.67	5.33	6.00	6.33	5.81
PST	Swagger (PST-5R05)	8.00	6.00	5.33	5.67	6.25	5.69
PST	PST-5MCD	6.33	5.00	4.33	5.00	5.17	5.55
PST	Rain Dance (PST-5SDT)	8.00	6.67	6.33	7.00	7.00	5.42
NexGen	ATF1567	7.33	6.00	4.67	5.00	5.75	5.33
PST	PST-5BGR	7.33	5.67	4.67	4.67	5.58	5.25
NexGen	ATF1610	8.00	6.67	6.00	4.67	6.33	5.25
NexGen	ATF1611	8.00	6.00	5.00	3.33	5.58	5.25
NexGen	ATF1550	7.33	5.67	4.67	4.33	5.50	5.20
NexGen	ATF1618	8.00	7.00	5.67	5.33	6.50	5.20
NexGen	ATF1609	7.33	5.33	4.33	4.67	5.42	5.14
PST	PST-5MVD	6.00	5.67	5.00	5.00	5.42	5.14
DLF	IS-TF 224	7.67	7.33	5.67	6.67	6.83	5.08
PST	PST-5DKB	6.67	5.67	5.00	4.67	5.50	5.03
Peak Genetics	PPG-TF 115	8.00	6.33	5.00	5.00	6.08	5.00
NexGen	ATF1569	7.67	7.00	5.67	4.67	6.25	4.97
NexGen	ATF1619	7.33	5.67	4.00	5.00	5.50	4.95
NexGen	ATF1548	7.00	5.33	3.67	4.00	5.00	4.92
PST	Meridian (PST-5GRB)	5.33	4.67	3.67	4.00	4.42	4.92
NexGen	ATF1549	7.33	7.00	5.33	4.67	6.08	4.92
DLF	IS-TF 234C	4.33	4.00	3.33	2.67	3.58	4.86
PST	PST-5SLV	7.00	5.00	4.33	4.00	5.08	4.84
NexGen	ATF1621	6.33	5.33	3.33	3.00	4.50	4.84
NexGen	ATF1570	5.00	3.67	3.00	2.67	3.58	4.83
PST	PST-5FDR	6.67	6.00	4.67	3.00	5.08	4.75
NexGen	Verti (ATF1612)	6.67	4.67	3.67	3.33	4.58	4.72
DLF	IS-TF 231C	7.00	5.00	3.33	2.67	4.50	4.72
Rutgers	Shenandoah III	7.67	6.67	5.33	3.33	5.75	4.69
DLF	IS-TF 230B	4.67	4.00	2.33	1.67	3.17	4.64
NexGen	ATF1620	5.33	4.67	4.67	4.33	4.75	4.64
PST	PST-5DRP	3.33	2.67	2.33	2.33	2.67	4.61
NexGen	ATF1608	8.33	6.33	5.00	4.33	6.00	4.61
PST	PST-5V4	6.67	5.33	5.33	4.33	5.42	4.58
PST	Rain Saver (PST-5SDS)	7.00	5.67	5.00	4.67	5.58	4.58
Peak Genetics	PPG-TF 102	6.67	6.33	5.33	3.00	5.33	4.56
PST	Gazelle II	6.00	4.33	3.33	2.33	4.00	4.53
NexGen	ATF1571	8.00	6.00	5.00	3.67	5.67	4.53
NexGen	ATF1551	8.00	6.33	5.00	4.33	5.92	4.53
DLF	IS-TF 223	6.33	5.67	4.00	2.67	4.67	4.53
NexGen	ATF1614	6.00	6.00	4.00	3.33	4.83	4.53
PST	PST-5SXR	4.67	3.33	3.00	2.00	3.25	4.50
PST	PST-5AWT	7.33	6.00	5.00	2.67	5.25	4.50
NexGen	Penn 1901	6.00	5.00	4.00	3.67	4.67	4.44
Rutgers	LW	7.33	5.33	4.00	2.67	4.83	4.42
DLF	IS-TF 226	6.67	5.67	4.67	4.33	5.33	4.42
NexGen	ATF1566	6.33	6.00	4.33	3.33	5.00	4.42
Rutgers	Traverse	6.33	5.67	5.00	3.00	5.00	4.39
Peak Genetics	PPG-TF 116	7.33	8.00	7.00	6.33	7.17	4.39
Peak Genetics	Raptor II	6.67	6.00	4.33	3.00	5.00	4.39
DLF	IS-TF 197	4.67	2.67	2.00	1.00	2.58	4.39

Peak Genetics	PPG-TF 117	6.00	5.33	3.67	2.33	4.33	4.39
NexGen	ATF1568	7.67	6.33	4.00	3.33	5.33	4.39
NexGen	ATF1547	6.33	5.67	4.67	3.67	5.08	4.39
Peak Genetics	PPG-TF 101	7.67	5.33	4.00	2.33	4.83	4.36
Peak Genetics	Titanium LS	6.67	3.33	3.00	2.33	3.83	4.33
PSG	PSG 07-5	6.33	5.33	5.33	4.00	5.25	4.33
DLF	IS-TF 227	6.67	6.33	5.33	5.67	6.00	4.33
DLF	IS-TF 225	6.33	4.67	4.33	2.67	4.50	4.28
NexGen	ATF1613	6.00	4.00	3.33	3.00	4.08	4.28
Rutgers	Falcon V	6.67	5.67	3.33	3.00	4.67	4.25
PST	Tarnation GT (PST-5T8E)	5.67	4.67	4.00	4.33	4.67	4.25
Rutgers	Finelawn Xpress	7.00	5.00	4.33	2.67	4.75	4.22
PSG	Mustang 4	6.33	5.67	4.00	3.00	4.75	4.22
DLF	IS-TF 215	7.33	6.00	5.00	3.67	5.50	4.22
PSG	PSG 82BPRH	6.00	4.00	3.33	2.33	3.92	4.22
PST	PST-R5NW	7.67	6.67	4.67	4.00	5.75	4.22
DLF	IS-TF 219	7.33	6.33	5.33	5.67	6.17	4.19
DLF	IS-TF 233C	6.00	4.33	3.00	1.67	3.75	4.19
PST	PST-5YMY	7.00	5.00	3.67	4.33	5.00	4.19
Rutgers	Shenandoah Elite	6.33	5.67	4.00	2.33	4.58	4.17
PSG	PSG 5908	4.67	2.67	2.00	1.67	2.75	4.17
Peak Genetics	Firecracker LS	6.00	3.67	2.67	1.67	3.50	4.14
PST	PST-5SIS	6.33	5.00	3.33	2.33	4.25	4.14
Rutgers	Rhambler	7.00	6.00	4.00	3.33	5.08	4.11
PSG	PSG 8SP1	6.00	5.00	4.00	3.00	4.50	4.11
PST	PST-5DVD-07	6.67	6.33	5.33	4.00	5.58	4.11
PST	PST-5LIV	6.00	6.33	4.67	3.67	5.17	4.11
Rutgers	3rd Millennium	5.33	4.67	2.67	1.67	3.58	4.08
PSG	PSG3905	5.67	4.00	2.67	2.33	3.67	4.08
Peak Genetics	Spyder LS	6.67	5.33	3.33	2.33	4.42	4.08
Rutgers	Catalyst	4.67	2.67	2.33	1.67	2.83	4.05
PSG	STR 86QRH	4.67	3.33	2.67	2.00	3.17	4.05
PSG	PSG 6008	6.00	3.67	2.67	1.67	3.50	4.03
PST	Wolfpack II	7.67	6.00	5.00	3.00	5.42	4.03
Rutgers	Falcon IV	6.33	4.67	3.00	3.00	4.25	3.97
PST	Coronado TDH	6.67	6.00	4.67	3.00	5.08	3.94
Rutgers	6351	3.33	2.67	2.00	1.00	2.25	3.92
Rutgers	FCE3	5.67	4.67	2.33	2.00	3.67	3.86
PSG	Crossfire 3	4.67	3.67	3.00	2.00	3.33	3.86
DLF	Bullseye	5.33	4.33	3.00	2.00	3.67	3.86
DLF	IS-TF 217	7.00	6.00	4.33	3.00	5.08	3.83
DLF	Essential	6.33	5.00	4.00	2.67	4.50	3.83
NexGen	Rebel Exeda	4.00	3.67	2.67	2.67	3.25	3.83
PSG	PSG 8308	5.33	4.67	3.00	2.00	3.75	3.80
PSG	PSG 8GRTR	4.33	3.67	2.33	2.00	3.08	3.80
PSG	PSG 07-9	5.00	5.00	3.67	3.67	4.33	3.78
PSG	Corona	5.67	4.00	2.67	2.00	3.58	3.72
PSG	PSG 08-6	5.67	4.00	3.00	2.33	3.75	3.67
NexGen	ATF1491	5.67	5.67	4.33	3.00	4.67	3.67
PST	PST-5SXD	5.00	4.00	3.67	3.33	4.00	3.64
PSG	PSG 709509	5.67	4.67	3.00	2.33	3.92	3.44
Peak Genetics	KY-31	4.33	4.00	3.33	3.67	3.83	2.28
CV		23.55	28.67	35.71	36.94	26.00	11.79
LSD		2.03	2.02	1.97	1.71	1.68	0.71
GRAND MEAN		6.40	5.22	4.09	3.43	4.79	4.45
MIN. MEAN		3.33	2.67	2.00	1.00	2.25	2.28
MAX. MEAN		8.67	8.00	7.00	7.67	7.42	6.08

Brown Patch Ratings = 1-9; 9=Most Resistant

Average Brown Patch Ratings = 1-9; 9=Most Resistant (4 ratings)

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

CTBT: 2009 Trial
 Kentucky Bluegrass Turf Trial
 Location: Rolesville, North Carolina
 Cooperator: Dr. Melodee Fraser

2011 Data

Subjective Ratings

SPONSOR	CULTIVAR	Average Turf Quality	Average Turf Quality 2010-2011
PSG	A03-3	6.59	6.74
Rutgers	A03TB-938	5.44	5.93
DLF	A00-2882	5.52	5.82
PSG	A03-3606-8	5.59	5.77
Peak Genetics	A04-1271	5.52	5.67
DLF	A04-1417	5.37	5.60
PSG	A04-383	5.07	5.44
DLF	A04-1488	4.78	5.35
NexGen	AKB355	5.48	5.33
Rutgers	Bewitched	5.11	5.21
NexGen	KH3343	5.22	5.18
DLF	A05-323	5.04	5.16
PST	104-59	4.59	5.05
Rutgers	A98-363	4.89	5.00
Rutgers	A05-322	4.26	4.95
NexGen	KH8529	4.81	4.91
PST	K4-7	4.00	4.89
Rutgers	A96-1338	4.11	4.84
Rutgers	A98-344	4.78	4.84
Rutgers	A06-33	3.78	4.82
Peak Genetics	A99-523	4.44	4.81
NexGen	AKB049	4.63	4.79
PSG	America	4.04	4.79
PSG	MP07	4.48	4.74
PST	K9-82	4.48	4.67
DLF	Futurity	4.52	4.67
DLF	A05-354	4.26	4.66
NexGen	AKB262	4.48	4.65
PSG	A04-74	4.74	4.60
PST	K8-76NO	3.85	4.58
PSG	A00-1395	3.41	4.56
PST	K9-105D	4.11	4.54
Rutgers	Diva	4.19	4.53
NexGen	AKB363	3.67	4.53
Peak Genetics	Midnight	4.56	4.48
NexGen	AKB047	3.82	4.48
NexGen	AKB141864	3.11	4.47
NexGen	Mallard	4.19	4.46
Rutgers	A05-201	4.34	4.46
DLF	A05-297	4.41	4.45
Rutgers	A05-314	3.70	4.44
DLF	Rhapsody	3.82	4.42
Rutgers	A06-8	4.15	4.40
PST	K9-100	4.11	4.40
PST	103-87	3.15	4.31
NexGen	AKB186	4.41	4.28
NexGen	AKB434	3.37	4.21
Peak Genetics	A94MH-94	3.22	4.21
Rutgers	A06-2	3.71	4.21
NexGen	AKB510	3.48	4.16
NexGen	AKB042	3.96	4.16
Rutgers	A05-894	3.59	4.14
NexGen	AKB264	3.89	4.12
DLF	Sombrero	3.37	4.09

Subjective Ratings

SPONSOR	CULTIVAR	Average Turf Quality	Average Turf Quality 2010-2011
PSG	A03-351	2.92	4.05
PST	103-585	2.78	4.04
NexGen	Baron	3.44	4.02
NexGen	AKB345	2.48	3.98
PST	1A4-311	2.37	3.97
NexGen	AKB426	3.74	3.95
PST	K4-15	3.30	3.95
DLF	Rhythm	3.22	3.95
PST	K9-92	3.15	3.93
PST	T7-7	3.00	3.93
PSG	OF-5000	3.18	3.93
PST	K4-3	2.26	3.91
PSG	A05-347	2.67	3.88
Peak Genetics	Orfeo	3.67	3.84
DLF	A05-350	3.74	3.82
Peak Genetics	A06-19	3.00	3.81
Peak Genetics	KenBlue	3.93	3.81
PST	K9-87	3.22	3.74
PST	102-158	2.74	3.72
NexGen	Conquistador (AKB1661)	3.85	3.72
PST	103-651	2.89	3.70
Peak Genetics	Prosperity	2.78	3.67
Rutgers	A06-632	2.96	3.67
NexGen	AKB953	3.41	3.67
PST	1G4-66	2.56	3.63
PSG	A05-316	2.78	3.63
PSG	Touchdown	2.67	3.51
PST	K7-28	2.63	3.49
NexGen	AKB1565	3.19	3.49
PST	K8-75NO	3.00	3.48
PST	K9-99	2.85	3.47
PST	A07-393	2.41	3.46
PST	PP-34736	1.85	3.37
PST	K7-29	2.78	3.35
PSG	A05-321	1.00	3.35
NexGen	AKB360	2.48	3.35
PST	K9-90	2.48	3.32
DLF	Mozart 1	1.33	3.23
Peak Genetics	A04-38	2.37	3.19
NexGen	AKB1012	2.34	3.16
PST	K8-64	1.74	3.14
DLF	Shamrock	2.15	3.12
Rutgers	Ridgeline	2.78	3.09
Peak Genetics	A98-210	1.78	3.07
PSG	A03TB-677	1.56	3.02
PST	K9-86	1.26	2.79
NexGen	AKB1010	1.11	2.77
PSG	TD08-4	1.59	2.70
NexGen	AKB1543	1.89	2.65
	CV	23.36	12.71
	LSD	1.12	0.72
	GRAND MEAN	3.54	4.19
	MIN. MEAN	1.00	2.65
	MAX. MEAN	6.59	6.74

Turf Quality = 1-9; 9=Best (9 ratings)
 Average Turf Quality = 1-9; 9=Best (19 ratings, 2 years of data)

CTBT: 2009 Trial
 Kentucky Bluegrass Turf Trial - Wear
 Location: Adelphia, New Jersey
 Cooperator: Dr. William Meyer

2011 Data

Subjective Ratings

SPONSOR	CULTIVAR	Winter Genetic Color	Spring Green Up	Average Turf Quality Wear	Average Wear Recovery	Average Turf Quality	Average Turf Quality 2010-2011
PSG	A03-3	6.33	6.67	5.00	6.83	6.52	6.77
Peak Genetics	Prosperity	5.33	5.33	7.17	7.00	6.52	6.50
Peak Genetics	Midnight	3.33	2.67	6.50	6.17	6.43	6.47
NexGen	AKB434	4.67	4.33	5.67	5.17	6.57	6.40
DLF	Rhythm	3.67	3.00	5.67	5.33	6.67	6.37
NexGen	AKB510	3.33	3.00	6.00	6.17	6.67	6.33
PST	103-585	4.33	5.00	5.33	5.50	6.14	6.30
Rutgers	A98-363	4.67	5.67	5.00	6.83	6.24	6.27
NexGen	AKB047	3.33	3.00	5.00	4.83	6.24	6.27
PSG	A03-3606-8	5.67	6.33	5.17	7.50	6.05	6.27
Rutgers	Bewitched	3.00	3.33	6.50	6.00	6.28	6.17
PST	1A4-311	4.00	4.00	6.83	7.33	6.24	6.13
PSG	A00-1395	3.00	4.00	3.83	5.67	5.71	6.00
DLF	A04-1488	2.67	3.00	5.17	5.83	5.95	5.97
Rutgers	A06-8	4.67	6.00	4.17	2.83	5.67	5.97
PST	K9-105D	4.00	4.67	5.67	5.33	5.91	5.93
Peak Genetics	A94MH-94	3.67	3.33	6.67	7.00	5.81	5.93
Rutgers	A98-344	5.00	4.67	4.33	4.50	5.67	5.93
NexGen	AKB355	5.00	4.67	4.50	5.17	6.19	5.93
PSG	A05-347	5.00	4.00	4.17	2.83	5.62	5.93
PST	K4-3	4.67	6.33	4.33	6.33	5.81	5.90
DLF	Rhapsody	4.67	5.67	4.83	5.17	5.86	5.87
Rutgers	A06-33	6.33	6.33	4.67	5.00	5.57	5.87
Rutgers	A05-322	3.00	3.33	3.83	5.00	5.57	5.83
Peak Genetics	A06-19	6.00	5.00	4.33	2.00	5.19	5.77
Rutgers	Divia	3.00	3.33	4.17	3.17	5.43	5.77
Rutgers	A96-1338	4.33	8.00	6.33	7.67	6.09	5.77
Peak Genetics	A04-38	4.33	5.00	6.17	5.83	5.95	5.73
Rutgers	A03TB-938	2.67	4.00	4.83	6.50	6.14	5.73
NexGen	AKB141864	5.67	6.67	5.83	6.50	5.71	5.70
PST	K4-7	4.67	5.00	4.00	4.83	5.67	5.63
PST	K9-90	3.67	3.33	5.33	4.50	5.33	5.63
PSG	A03-351	3.67	3.33	4.33	5.17	5.57	5.63
PST	103-87	5.00	6.67	2.67	4.00	5.38	5.60
PST	PP-34736	4.33	4.00	5.83	3.17	5.28	5.60
PSG	A04-383	4.00	6.67	7.50	8.17	5.71	5.60
PST	103-651	3.33	3.67	5.00	5.50	5.52	5.53
PST	K7-28	4.33	4.00	4.83	5.00	5.62	5.53
PST	K4-15	3.33	4.33	3.67	3.50	5.10	5.53
DLF	A00-2882	6.33	5.00	5.50	5.17	5.38	5.53
PSG	America	2.67	3.33	4.17	5.83	5.29	5.53
Peak Genetics	A99-523	3.00	3.33	4.50	6.00	5.43	5.50
NexGen	KH8529	4.33	5.67	3.83	4.00	4.95	5.43
DLF	A04-1417	3.00	3.00	5.67	6.00	5.43	5.40
Rutgers	A05-894	6.33	6.33	5.83	5.50	5.38	5.40
PSG	A05-316	4.33	5.00	5.17	5.33	5.67	5.40
Peak Genetics	A98-210	6.33	5.67	4.50	4.00	5.43	5.37
Rutgers	A05-314	6.67	5.00	4.33	3.17	5.19	5.37
PST	104-59	4.67	5.33	4.50	7.33	5.29	5.33
Rutgers	A05-201	5.67	6.67	5.17	5.67	5.38	5.30
NexGen	AKB345	3.00	4.33	3.17	3.17	5.00	5.30
PST	K9-100	4.00	4.33	6.33	6.50	5.38	5.27
PST	K9-82	5.00	5.33	4.67	7.00	5.52	5.27
DLF	Futurity	3.33	4.00	4.33	4.83	4.91	5.27
DLF	A05-354	3.67	3.67	4.83	5.33	4.90	5.17
Peak Genetics	A04-1271	3.67	4.33	6.33	8.67	4.86	5.17
PST	T7-7	2.33	5.00	4.67	7.00	4.81	5.13

Subjective Ratings

SPONSOR	CULTIVAR	Winter Genetic Color	Spring Green Up	Average Turf Quality Wear	Average Wear Recovery	Average Turf Quality	Average Turf Quality 2010-2011
PST	K8-76NO	2.67	4.00	6.17	7.50	5.10	5.13
PSG	A04-74	3.67	3.33	4.17	6.00	5.43	5.13
NexGen	AKB049	5.33	5.00	4.83	4.67	5.05	5.13
PSG	A05-321	4.67	4.33	6.50	6.50	4.95	5.13
PST	1G4-66	5.33	5.00	3.50	3.50	5.00	5.10
NexGen	AKB262	5.33	3.67	3.00	4.33	4.28	5.10
PSG	A03TB-677	7.33	7.67	4.83	6.33	5.14	5.10
Rutgers	A06-632	4.33	4.67	5.17	5.00	5.09	5.07
PSG	MP07	5.00	6.67	3.50	4.67	5.24	5.07
DLF	Sombrero	5.33	5.67	4.50	6.50	5.24	5.03
NexGen	Mallard	4.67	3.67	3.33	3.17	4.76	5.03
DLF	A05-297	3.33	2.67	2.83	4.00	4.48	5.00
NexGen	AKB1010	3.00	3.33	5.00	5.33	5.00	4.97
PST	K9-92	4.00	5.00	4.33	3.67	4.67	4.93
Rutgers	A06-2	4.33	4.00	4.33	4.67	4.71	4.93
NexGen	AKB426	7.00	5.67	2.67	1.83	5.29	4.93
NexGen	KH3343	3.00	5.33	4.33	6.17	5.19	4.93
NexGen	AKB042	3.67	4.67	5.33	5.50	4.62	4.90
DLF	Shamrock	5.67	6.00	4.67	3.50	4.57	4.83
DLF	A05-323	3.33	3.67	3.50	5.67	4.52	4.80
NexGen	AKB1565	4.33	4.67	2.67	2.50	4.29	4.77
PSG	Touchdown	7.00	7.00	4.50	6.17	5.05	4.77
PST	K9-99	4.67	4.67	4.00	3.50	4.19	4.73
NexGen	Baron	3.00	3.67	4.50	4.67	4.53	4.73
DLF	Mozart 1	5.67	5.00	5.17	4.50	4.62	4.70
NexGen	AKB186	5.00	5.00	5.00	6.83	4.43	4.70
NexGen	Conquistador (AKB1661)	3.00	4.00	4.50	4.50	4.86	4.70
PST	K9-87	5.00	6.00	2.67	4.50	4.71	4.67
PST	102-158	3.67	3.67	4.33	5.67	4.62	4.67
NexGen	AKB953	5.67	5.00	3.83	4.17	4.34	4.67
PST	K8-75NO	4.33	5.00	4.67	3.50	4.33	4.57
NexGen	AKB360	3.33	4.00	4.00	4.33	4.33	4.57
PST	A07-393	3.67	3.67	3.67	3.33	4.24	4.53
PST	K7-29	4.00	4.00	3.67	2.50	4.05	4.53
NexGen	AKB363	4.67	5.67	4.83	5.00	4.38	4.50
NexGen	AKB264	4.67	3.67	3.33	3.83	4.00	4.37
Rutgers	Ridgeline	4.33	4.67	3.17	3.67	4.19	4.33
PST	K9-86	4.33	4.33	2.17	1.00	3.43	4.30
PST	K8-64	5.00	4.33	2.00	1.17	3.52	4.30
DLF	A05-350	5.33	4.00	3.00	4.50	3.76	4.27
PSG	OF-5000	4.00	3.00	3.00	4.67	4.33	4.27
NexGen	AKB1012	3.00	3.67	4.00	3.33	3.76	4.20
Peak Genetics	KenBlue	5.67	9.00	5.50	7.00	4.24	4.10
PSG	TD08-4	4.67	4.33	4.50	4.00	3.86	3.90
Peak Genetics	Orfeo	4.33	3.67	3.33	5.50	4.14	3.73
NexGen	AKB1543	6.67	5.33	3.17	4.33	3.90	3.73
	CV	16.56	14.79	17.72	17.15	8.56	6.95
	LSD	0.98	0.93	1.10	1.17	0.60	0.50
	GRAND MEAN	4.41	4.68	4.60	5.03	5.17	5.28
	MIN. MEAN	2.33	2.67	2.00	1.00	3.43	3.73
	MAX. MEAN	7.33	9.00	7.50	8.67	6.67	6.77

Winter Genetic Color = 1-9; 9=Darkest

Spring Green Up = 1-9; 9=Best

Average Turf Quality Wear = 1-9; 9=Best (2 ratings)

Average Wear Recovery = 1-9; 9=Best (2 ratings)

Average Turf Quality = 1-9; 9=Best (7 ratings)

Average Turf Quality 2010-2011 = 1-9; 9=Best (15 ratings, 2 years of data)

CTBT: 2009 Trial
 Kentucky Bluegrass Turf Trial - Shade
 Location: Adelphia, New Jersey
 Cooperator: Dr. William Meyer

2011 Data

SPONSOR	CULTIVAR	Subjective Ratings		
		Spring Green Up	Average Turf Quality	Average Turf Quality 2010-2011
PSG	A04-383	8.00	6.95	7.20
Rutgers	Diva	4.33	6.38	6.71
PST	K9-105D	6.00	6.00	6.53
PST	K4-3	3.67	5.52	6.36
PST	103-87	4.67	5.95	6.33
Peak Genetics	Prosperity	4.00	6.00	6.31
PST	104-59	6.67	6.28	6.22
DLF	Mozart 1	5.00	6.71	6.20
Rutgers	A96-1338	7.00	5.67	6.18
PST	K9-100	4.33	5.90	6.18
PST	103-651	4.00	6.48	6.13
NexGen	AKB434	5.00	6.67	6.09
PST	K7-29	4.33	5.91	5.93
PSG	A03-351	3.67	5.81	5.93
PST	K9-90	3.00	5.52	5.91
PST	1A4-311	3.00	5.52	5.89
Rutgers	A05-201	7.00	6.09	5.89
Rutgers	Bewitched	3.67	5.62	5.82
DLF	A04-1488	4.33	6.33	5.78
PST	K9-82	6.33	5.47	5.71
PSG	A00-1395	3.67	5.14	5.69
PST	K4-7	4.33	5.29	5.67
Rutgers	A06-33	4.33	5.00	5.66
PST	103-585	4.67	5.48	5.62
NexGen	KH3343	7.00	5.67	5.62
PST	K9-99	5.00	6.05	5.60
Peak Genetics	A06-19	4.00	5.19	5.60
PST	K9-92	4.33	5.95	5.58
Rutgers	A05-322	3.00	4.90	5.58
DLF	Futurity	3.67	5.10	5.56
PST	K8-75NO	4.00	6.00	5.53
Rutgers	A06-8	4.67	5.19	5.51
PSG	A03-3	6.67	5.62	5.51
Rutgers	A06-632	5.67	5.24	5.47
DLF	Rhapsody	4.67	4.90	5.42
PSG	A05-316	6.67	5.33	5.42
NexGen	AKB042	5.00	5.29	5.42
Peak Genetics	A99-523	2.00	4.66	5.40
PST	K9-87	6.00	5.28	5.38
PST	T7-7	4.67	4.76	5.35
Peak Genetics	A04-1271	6.33	5.09	5.33
Rutgers	A98-363	3.33	4.33	5.29
Peak Genetics	A04-38	4.67	4.86	5.20
PSG	A03-3606-8	5.00	4.90	5.20
PSG	America	3.67	4.67	5.18
PST	K8-76NO	5.00	5.86	5.18
PST	K4-15	5.33	4.53	5.13
NexGen	AKB262	2.67	4.10	5.06
DLF	A04-1417	3.00	5.24	4.94
NexGen	AKB049	4.67	5.19	4.87
NexGen	KH8529	5.33	4.72	4.85
Peak Genetics	A98-210	5.33	4.29	4.80
DLF	A05-297	3.67	4.81	4.78
PST	102-158	4.00	4.76	4.78
DLF	A05-354	4.00	4.90	4.78
PSG	A05-347	3.67	4.33	4.78

SPONSOR	CULTIVAR	Subjective Ratings		
		Spring Green Up	Average Turf Quality	Average Turf Quality 2010-2011
PSG	A04-74	3.00	4.86	4.67
Rutgers	A05-894	6.67	4.14	4.64
DLF	A05-323	3.67	4.67	4.60
PST	K8-64	2.67	4.43	4.58
PST	A07-393	5.00	4.66	4.47
Rutgers	A06-2	3.33	4.24	4.44
DLF	Shamrock	6.67	4.14	4.40
Rutgers	Ridgeline	4.67	4.05	4.40
Rutgers	A98-344	3.67	4.19	4.40
Peak Genetics	KenBlue	8.33	4.00	4.36
NexGen	AKB345	2.67	4.29	4.31
NexGen	AKB141864	5.33	3.66	4.27
PST	K9-86	3.67	4.38	4.25
PST	1G4-66	5.00	4.52	4.22
PSG	A05-321	3.67	4.76	4.22
DLF	Sombrero	5.33	4.48	4.20
NexGen	AKB186	4.00	3.81	4.18
PSG	A03TB-677	5.67	3.95	4.18
PST	K7-28	2.33	4.05	4.16
PSG	MP07	6.67	3.81	4.11
NexGen	AKB355	4.00	4.76	4.09
Rutgers	A05-314	4.33	3.62	4.02
NexGen	AKB264	2.67	3.62	3.91
DLF	A00-2882	4.00	3.53	3.75
PST	PP-34736	3.00	4.24	3.74
NexGen	AKB363	5.67	4.67	3.71
PSG	Touchdown	6.33	3.76	3.67
NexGen	AKB1010	3.67	3.00	3.38
NexGen	Mallard	5.33	3.38	3.38
NexGen	Baron	3.67	3.90	3.38
Peak Genetics	A94MH-94	3.67	2.86	3.36
PSG	TD08-4	4.67	3.38	3.31
DLF	A05-350	4.67	3.19	3.25
NexGen	AKB426	4.67	3.38	3.22
PSG	OF-5000	5.00	3.52	3.16
NexGen	AKB360	4.67	3.86	3.13
NexGen	AKB953	3.67	3.43	3.11
NexGen	AKB1012	4.00	3.29	3.09
NexGen	AKB1565	4.67	2.81	3.02
Peak Genetics	Orfeo	5.67	3.05	2.98
NexGen	AKB047	3.33	3.76	2.95
NexGen	AKB510	4.00	3.38	2.89
DLF	Rhythm	3.67	3.48	2.82
Peak Genetics	Midnight	4.00	3.14	2.60
NexGen	AKB1543	4.67	2.33	2.55
Rutgers	A03TB-938	4.00	2.86	2.47
NexGen	Conquistador (AKB1661)	4.00	2.48	2.18
CV		23.12	15.39	12.71
LSD		1.42	0.97	0.81
GRAND MEAN		4.56	4.67	4.74
MIN. MEAN		2.00	2.33	2.18
MAX. MEAN		8.33	6.95	7.20

Spring Green Up = 1-9; 9=Best

Average Turf Quality = 1-9; 9=Best (7 ratings)

Average Turf Quality 2010-2011 = 1-9; 9=Best (15 ratings, 2 years of data)

CTBT: 2010 Trial

Tall Fescue Turf Trial - Wear

Location: New Brunswick, New Jersey

Cooperator: Dr. William Meyer

2011 Data

Subjective Ratings

SPONSOR	CULTIVAR	Est.	Average Brown Patch	Average Turf Quality Wear	Average Turf Quality
Peak Genetics	PPG-TF 106	5.33	6.67	4.67	7.11
NexGen	ATF1608	5.33	6.50	2.93	7.06
DLF	IS-TF 224	3.33	6.83	5.27	6.89
DLF	Essential	7.00	7.08	6.27	6.78
DLF	Bullseye	6.33	7.58	7.07	6.78
DLF	IS-TF 223	7.33	7.42	6.60	6.67
Rutgers	LW	7.67	6.92	4.87	6.61
DLF	IS-TF 225	6.00	5.67	4.53	6.61
NexGen	ATF1571	5.33	7.00	6.53	6.56
NexGen	Verti (ATF1612)	6.67	6.33	4.67	6.44
Rutgers	Falcon V	7.67	6.25	3.13	6.33
Peak Genetics	PPG-TF 102	7.33	6.17	5.40	6.33
NexGen	ATF1611	5.00	7.17	7.53	6.33
Rutgers	6351	6.67	7.00	6.40	6.28
Peak Genetics	PPG-TF 116	4.67	6.25	5.60	6.28
PST	Meridian (PST-5GRB)	6.33	6.08	5.20	6.28
DLF	IS-TF 197	6.67	6.75	6.33	6.22
DLF	IS-TF 227	5.00	5.75	5.53	6.22
NexGen	ATF1550	6.67	6.83	6.93	6.22
Rutgers	Shenandoah Elite	8.00	5.33	4.73	6.17
Peak Genetics	PPG-TF 105	5.33	6.50	6.07	6.17
DLF	IS-TF 233C	7.00	5.08	4.00	6.17
NexGen	ATF1610	6.00	6.33	5.20	6.17
NexGen	ATF1549	6.33	6.17	4.73	6.06
Rutgers	3rd Millennium	8.33	6.58	4.87	6.00
PST	Wolfpack II	5.67	5.67	4.73	6.00
DLF	IS-TF 217	4.00	6.75	6.87	6.00
Rutgers	Catalyst	8.33	5.83	4.00	5.95
PSG	PSG 709509	4.67	5.83	4.53	5.95
NexGen	ATF1613	4.67	6.08	5.07	5.94
Rutgers	Finelawn Xpress	8.33	5.83	5.20	5.89
PST	PST-5DKB	4.33	5.92	5.67	5.89
NexGen	ATF1621	5.00	6.33	6.80	5.89
Peak Genetics	PPG-TF 101	7.00	7.17	6.27	5.89
Peak Genetics	PPG-TF 117	4.00	6.33	6.80	5.83
PSG	PSG 07-5	6.00	6.42	4.47	5.83
DLF	IS-TF 230B	6.33	5.83	5.40	5.83
NexGen	ATF1609	4.67	5.75	5.93	5.83
NexGen	ATF1614	5.00	6.58	6.33	5.83
PST	PST-5DVD-07	6.67	6.67	6.20	5.78
PSG	PSG 5908	7.33	5.17	4.93	5.72
PST	PST-5V4	7.00	6.25	6.13	5.72
PST	PST-5AWT	6.33	6.08	5.80	5.72
PST	PST-5MCD	6.67	6.08	5.60	5.67
DLF	IS-TF 219	2.00	6.25	5.07	5.61
DLF	IS-TF 226	2.33	4.50	2.93	5.61
NexGen	ATF1569	5.33	6.83	6.87	5.61
DLF	IS-TF 234C	5.67	5.58	4.93	5.50
Rutgers	Rhambler	5.67	6.58	4.67	5.50
Rutgers	Traverse	5.67	6.33	4.60	5.50
Peak Genetics	Raptor II	6.33	6.00	6.47	5.50
Peak Genetics	Firecracker LS	7.67	5.42	5.13	5.45
PSG	Corona	7.67	5.92	5.87	5.44
NexGen	ATF1567	5.00	5.58	6.07	5.44
PST	Swagger (PST-5R05)	7.67	5.92	3.40	5.39
Rutgers	Shenandoah III	6.67	6.00	5.93	5.33
Peak Genetics	PPG-TF 115	5.67	6.17	6.07	5.33

Subjective Ratings

SPONSOR	CULTIVAR	Est.	Average Brown Patch	Average Turf Quality Wear	Average Turf Quality
NexGen	Rebel Exeda	7.33	5.67	5.73	5.33
NexGen	ATF1548	5.67	5.83	5.67	5.28
PST	Gazelle II	6.33	6.25	5.27	5.28
NexGen	ATF1551	7.00	6.83	7.27	5.28
NexGen	ATF1570	5.33	5.83	5.33	5.22
PST	Rain Dance (PST-5SDT)	5.33	6.67	5.60	5.11
PST	PST-5SLV	3.67	5.58	4.40	5.11
Rutgers	FCE3	7.33	6.17	4.33	5.05
DLF	IS-TF 215	2.33	6.25	6.20	5.00
PSG	PSG 82BPRH	8.00	4.92	5.53	4.95
NexGen	ATF1568	7.00	5.58	4.60	4.95
PSG	Mustang 4	6.00	5.50	6.07	4.94
DLF	IS-TF 231C	6.00	4.75	5.13	4.94
PST	PST-5SIS	7.00	6.08	5.67	4.89
PST	PST-5DRP	7.00	5.08	4.07	4.89
PST	Cumberland (PST-5R20)	5.00	6.17	5.33	4.89
PST	PST-5MVD	5.33	5.50	4.20	4.89
Peak Genetics	Spyder LS	7.33	3.58	2.60	4.89
Peak Genetics	Titanium LS	7.33	5.83	4.67	4.83
NexGen	ATF1547	5.00	7.00	5.53	4.83
NexGen	ATF1620	6.00	5.58	6.00	4.78
PSG	PSG 07-9	5.00	4.17	3.87	4.67
NexGen	ATF1618	5.00	5.67	6.40	4.67
Rutgers	Falcon IV	5.67	5.92	6.80	4.61
PST	PST-R5NW	5.33	6.67	5.00	4.61
PSG	PSG 08-6	7.33	5.67	4.53	4.56
NexGen	ATF1566	6.00	5.33	4.87	4.56
PSG	PSG 6008	6.00	4.92	2.93	4.50
PSG	Crossfire 3	6.33	5.17	6.13	4.44
PST	PST-5SXR	6.67	4.75	4.47	4.44
PST	PST-5BGR	9.00	4.83	5.27	4.39
PST	PST-5SXD	5.00	4.25	3.20	4.39
PST	Rain Saver (PST-5SDS)	5.33	4.75	4.47	4.22
PSG	PSG3905	5.67	3.75	3.87	4.17
PST	Tarnation GT (PST-5T8E)	6.33	3.50	3.20	4.17
NexGen	ATF1619	5.00	3.92	3.33	4.05
NexGen	Penn 1901	7.67	5.00	5.20	4.00
PST	PST-5YMY	7.67	6.58	5.00	3.94
PST	PST-5LIV	7.00	4.42	4.40	3.94
PSG	PSG 8SP1	7.00	3.42	4.27	3.83
PST	PST-5FDR	6.67	4.67	5.47	3.78
PSG	STR 86QRH	7.67	2.92	5.20	3.72
PSG	PSG 8308	7.33	4.58	3.87	3.67
PSG	PSG 8GRTR	7.33	4.75	4.00	3.61
NexGen	ATF1491	6.67	5.17	3.47	3.61
PST	Coronado TDH	5.33	5.08	5.93	3.55
Peak Genetics	KY-31	9.00	5.75	2.13	1.22
	CV	17.00	23.84	27.85	16.43
	LSD	1.41	1.86	1.94	1.18
	GRAND MEAN	6.14	5.79	5.16	5.32
	MIN. MEAN	2.00	2.92	2.13	1.22
	MAX. MEAN	9.00	7.58	7.53	7.11

Est. = Establishment = 1-9; 9=Full Establishment
 Average Brown Patch = 1-9; 9=Most Resistant (4 ratings)
 Average Turf Quality Wear = 1-9; 9=Best (5 ratings)
 Average Turf Quality = 1-9; 9=Best (6 ratings)

CTBT: 2009 Trial
 Kentucky Bluegrass Turf Trial
 Location: Salem, New Jersey
 Cooperator: Steve Langlois

2011 Data

SPONSOR	CULTIVAR	Digital Image Analysis Ratings									
		Cover	Genetic Color	Density	Turf Quality	Average Percent Green Cover	Average Percent Green Cover 2010-2011	Average Cover 2010-2011	Average Genetic Color 2010-2011	Average Density 2010-2011	Average Turf Quality 2010-2011
Peak Genetics	Prosperity	8.50	6.33	5.33	6.17	82.93	71.77	8.63	6.67	6.17	6.37
PST	1A4-311	7.83	5.83	5.50	5.83	76.87	61.67	8.20	6.40	5.60	6.00
Rutgers	A98-344	7.67	5.33	4.67	5.33	78.70	82.20	8.30	6.63	5.10	5.93
PST	K4-3	7.83	5.00	5.17	5.33	86.90	80.87	8.43	5.43	6.27	5.90
NexGen	AKB434	7.67	4.83	6.00	5.67	79.93	72.67	8.33	5.23	6.53	5.90
DLF	A05-354	7.00	4.67	4.33	4.50	82.93	88.00	8.33	6.07	5.70	5.77
PST	K4-7	7.67	5.67	4.67	5.50	80.27	71.90	8.17	6.03	5.07	5.73
Peak Genetics	Midnight	7.67	5.00	5.00	5.33	81.93	83.93	8.40	5.77	5.40	5.70
DLF	A04-1488	7.33	5.17	4.67	5.17	74.47	71.30	8.07	5.43	5.50	5.67
Rutgers	Bewitched	7.50	5.17	5.00	5.17	81.33	82.33	8.13	5.60	5.63	5.63
PST	103-585	8.33	6.50	4.00	5.50	78.77	57.00	8.57	6.27	4.67	5.60
PSG	A05-347	8.17	5.17	4.17	5.17	80.50	70.17	8.47	5.90	5.23	5.60
Rutgers	A98-363	7.67	4.83	4.67	5.00	85.03	87.73	8.17	5.43	5.20	5.53
PST	K4-15	6.00	4.67	4.67	4.17	64.43	69.17	7.50	6.07	5.27	5.50
DLF	Rhythm	8.17	5.50	4.50	5.33	85.80	80.70	8.33	5.77	4.77	5.47
PST	103-651	5.83	6.00	4.00	4.33	69.87	61.90	7.07	6.73	5.27	5.43
DLF	A05-297	7.33	4.83	4.00	4.67	80.40	73.97	8.17	5.70	4.80	5.43
NexGen	AKB047	7.50	4.67	4.17	4.83	83.43	82.57	8.40	5.50	4.70	5.43
PSG	A03-3606-8	8.33	5.50	4.67	5.50	85.80	87.17	8.47	5.47	4.50	5.33
PSG	A03-3	8.17	5.17	4.17	5.00	88.23	89.90	8.40	5.50	4.50	5.33
NexGen	AKB510	7.33	4.67	4.67	4.83	83.27	83.93	8.13	5.30	4.73	5.30
NexGen	Mallard	7.50	4.83	3.50	4.50	84.03	72.97	8.03	5.37	4.90	5.30
PSG	A04-74	6.50	5.33	3.33	4.00	84.70	80.07	7.80	6.13	4.70	5.27
Rutgers	A06-2	8.00	4.83	4.00	4.83	77.43	71.50	8.23	5.23	4.93	5.27
Rutgers	A06-8	7.00	4.67	3.83	4.50	80.03	75.47	8.07	5.40	4.80	5.27
Peak Genetics	A94MH-94	7.83	4.67	5.00	5.00	70.50	79.27	8.10	4.90	5.37	5.23
Rutgers	Diva	7.83	4.67	3.67	4.67	82.60	71.97	8.33	4.97	4.93	5.23
PST	102-158	7.33	4.33	3.67	4.33	81.67	74.07	8.20	4.93	5.20	5.17
PST	K7-28	7.00	5.67	3.67	4.50	73.10	55.70	7.83	5.70	4.57	5.17
DLF	A04-1417	5.33	5.33	4.67	4.33	62.80	74.20	7.17	5.43	5.23	5.17
PST	103-87	7.67	5.83	4.17	5.00	72.20	63.70	7.93	5.83	4.40	5.13
NexGen	AKB264	7.33	5.00	4.00	4.83	81.67	72.10	7.87	5.47	4.60	5.13
PST	PP-34736	6.33	4.67	5.00	4.50	68.17	57.83	7.73	4.80	5.43	5.10
DLF	A05-350	7.00	4.83	3.50	4.50	80.50	79.63	7.97	5.57	4.43	5.10
PSG	A00-1395	7.50	4.33	3.50	4.33	78.23	59.97	8.10	4.77	4.80	5.10
Rutgers	A06-33	7.50	5.33	3.17	4.50	79.03	71.67	8.33	5.53	4.10	5.10
DLF	Futurity	7.00	4.33	3.50	4.17	78.93	68.13	7.93	4.93	4.83	5.07
DLF	A00-2882	7.17	5.00	3.83	4.33	78.07	76.93	7.93	5.57	4.53	5.03
Peak Genetics	A06-19	7.33	5.00	3.67	4.50	78.60	66.17	7.90	5.10	4.40	5.00
Peak Genetics	A99-523	7.17	4.17	3.17	4.00	86.03	86.17	8.07	4.77	4.73	5.00
NexGen	AKB262	6.83	5.00	3.33	4.17	78.23	78.90	7.73	5.53	4.10	5.00
NexGen	AKB953	6.50	5.50	3.33	4.17	72.73	71.57	7.27	6.07	4.27	5.00
PST	K9-90	5.50	5.00	4.00	4.00	62.63	63.87	7.10	5.20	5.30	4.97
PST	K9-105D	6.33	5.17	4.00	4.33	70.73	70.33	7.60	5.57	4.30	4.97
PST	K8-76NO	6.67	4.00	4.83	4.33	79.90	72.53	7.73	4.40	5.53	4.93
PST	K9-100	4.83	4.33	5.33	4.17	62.33	66.60	6.03	5.00	5.63	4.90
Peak Genetics	A98-210	7.50	5.17	3.17	4.50	78.27	55.63	8.07	5.17	4.07	4.90
Rutgers	A05-314	7.33	4.83	3.17	4.17	78.03	72.33	8.10	5.23	4.27	4.90
Rutgers	A05-322	7.50	4.33	3.33	4.33	84.80	69.97	7.83	4.60	4.57	4.90
Rutgers	A05-894	7.17	5.00	4.33	4.67	72.33	74.70	7.50	5.13	4.50	4.90
NexGen	AKB360	6.83	4.17	4.17	4.33	78.30	72.03	7.73	4.80	4.80	4.90
PSG	A03-351	6.67	4.33	3.83	4.17	83.03	79.73	7.67	4.60	5.07	4.90
DLF	A05-323	7.33	4.50	3.67	4.17	83.83	80.43	7.80	4.90	4.60	4.87
NexGen	AKB1010	5.50	5.83	3.67	4.17	73.47	53.03	7.47	5.37	4.33	4.83
PSG	A05-321	7.33	4.00	3.67	4.17	79.53	70.93	8.17	4.50	4.80	4.83
PST	K9-92	5.67	4.00	3.83	3.50	64.47	71.03	7.20	4.73	5.17	4.77
PST	K9-99	5.17	4.00	4.50	3.67	49.00	63.97	6.93	4.57	5.27	4.77
PST	K7-29	4.67	4.50	3.50	3.33	54.33	62.17	6.70	4.67	5.57	4.77
PST	K8-75NO	5.17	3.83	4.50	3.50	52.30	67.80	6.90	4.70	5.47	4.73
PST	K8-64	6.83	4.67	3.83	4.33	60.87	51.27	7.57	4.50	4.60	4.73
Rutgers	A05-201	6.83	3.83	4.00	4.17	73.10	70.40	7.67	4.20	4.77	4.67
NexGen	Baron	5.83	4.17	3.17	3.67	71.30	70.50	7.10	4.73	4.57	4.67
PSG	A03TB-677	7.33	5.00	3.67	4.50	70.87	68.43	7.53	4.87	4.03	4.67
PSG	A04-383	6.67	4.17	5.50	4.67	84.00	86.47	6.67	4.37	5.17	4.63
DLF	Sombrero	5.17	4.33	3.67	3.50	74.37	66.30	6.97	4.57	4.90	4.60
NexGen	AKB426	6.67	4.50	3.67	4.00	71.40	74.27	7.77	4.40	4.53	4.60

		Digital Image Analysis Ratings									
SPONSOR	CULTIVAR	Cover	Genetic Color	Density	Turf Quality	Average Percent Green Cover	Average Percent Green Cover 2010-2011	Average Cover 2010-2011	Average Genetic Color 2010-2011	Average Density 2010-2011	Average Turf Quality 2010-2011
NexGen	KH8529	7.17	5.00	4.00	4.50	68.13	66.43	7.17	4.93	4.40	4.60
NexGen	AKB355	6.50	3.83	4.00	3.83	84.57	78.50	7.73	4.27	4.43	4.60
PST	T7-7	5.50	4.50	3.33	3.50	77.63	63.80	6.83	4.83	4.17	4.57
Rutgers	A03TB-938	7.17	4.33	4.50	4.50	81.13	74.07	7.50	4.37	4.50	4.57
PSG	A05-316	7.00	4.17	3.83	4.17	72.70	70.10	7.10	4.43	4.70	4.57
PST	1G4-66	7.00	5.50	3.17	4.50	63.73	55.33	6.93	5.03	3.77	4.50
DLF	Rhapsody	6.00	4.17	3.50	3.50	79.70	77.83	7.33	4.57	4.43	4.43
NexGen	AKB049	5.67	4.50	3.67	3.67	71.50	60.20	6.83	4.83	4.33	4.43
NexGen	AKB042	5.50	4.33	3.83	3.50	71.33	65.27	6.53	4.73	4.63	4.43
NexGen	AKB141864	7.00	4.33	3.67	4.00	83.23	72.30	7.50	4.40	4.10	4.40
PSG	Touchdown	6.33	4.67	3.67	3.83	80.20	61.23	7.07	4.57	4.50	4.40
DLF	Mozart 1	6.83	3.50	3.83	4.00	79.73	55.27	7.50	3.60	4.67	4.37
NexGen	AKB1565	7.17	5.00	3.33	4.33	80.07	52.10	7.17	4.70	4.23	4.37
PST	K9-87	5.67	5.17	3.83	4.00	70.20	57.60	6.20	4.87	4.10	4.33
PST	K9-82	6.67	4.17	4.83	4.50	78.53	73.80	6.33	4.33	4.83	4.33
Peak Genetics	A04-38	5.67	4.00	3.50	3.50	61.87	63.37	6.67	4.23	4.53	4.33
NexGen	AKB345	6.00	4.83	2.83	3.67	83.87	58.17	7.07	4.73	3.90	4.33
PST	A07-393	5.50	4.17	3.00	3.17	69.60	73.83	7.10	4.50	4.37	4.30
DLF	Shamrock	5.83	4.17	3.33	3.67	67.50	61.70	6.80	4.23	4.57	4.30
Rutgers	A96-1338	6.67	4.17	3.33	3.50	86.93	69.17	8.00	3.90	3.90	4.30
PSG	America	7.33	4.33	2.67	3.83	81.63	78.87	7.30	4.30	3.83	4.30
PST	K9-86	5.33	4.67	3.17	3.33	47.13	48.30	6.93	4.57	4.07	4.27
NexGen	AKB363	6.67	3.83	3.83	3.83	80.17	65.20	7.50	3.83	4.50	4.27
NexGen	Conquistador (AKB1661)	6.00	4.33	4.67	4.00	71.17	77.57	5.63	4.43	5.40	4.17
PSG	MP07	6.33	3.50	4.00	3.83	73.47	73.20	6.60	3.93	4.33	4.17
PSG	OF-5000	5.17	4.33	2.83	3.33	72.57	64.77	6.73	4.13	4.20	4.17
Peak Genetics	KenBlue	5.83	3.67	3.67	3.50	80.67	74.57	6.30	4.43	3.93	4.10
Rutgers	Ridgeline	5.17	4.67	2.67	3.17	80.97	67.27	6.40	4.83	4.13	4.10
NexGen	AKB1012	4.50	5.17	3.17	3.33	55.10	51.10	5.93	5.37	4.10	4.10
PST	104-59	6.33	3.83	3.00	3.50	80.23	67.03	6.97	3.73	3.93	4.07
NexGen	KH3343	6.33	3.83	3.33	3.50	78.23	78.43	6.73	4.13	3.83	4.07
NexGen	AKB186	6.33	4.50	3.33	3.83	78.00	60.67	6.43	4.20	3.93	3.97
Rutgers	A06-632	4.67	3.50	3.17	2.67	71.63	62.40	6.23	3.83	4.80	3.87
Peak Genetics	Orfeo	5.33	4.50	2.83	3.17	67.73	53.20	6.13	3.90	4.00	3.77
PSG	TD08-4	4.17	3.33	3.33	2.67	63.43	64.87	5.93	3.33	4.17	3.60
Peak Genetics	A04-1271	6.50	3.67	4.17	3.83	70.90	75.97	5.67	3.47	4.10	3.60
NexGen	AKB1543	4.67	3.33	2.83	2.67	77.00	53.97	4.33	3.00	3.50	2.77
	CV	12.32	8.42	15.90	13.11	9.29	10.83	6.34	6.66	9.17	7.36
	LSD	1.11	0.53	0.84	0.75	9.47	10.22	0.64	0.44	0.58	0.48
	GRAND MEAN	6.65	4.65	3.91	4.24	75.50	69.91	7.44	4.94	4.69	4.83
	MIN. MEAN	4.17	3.33	2.67	2.67	47.13	48.30	4.33	3.00	3.50	2.77
	MAX. MEAN	8.50	6.50	6.00	6.17	88.23	89.90	8.63	6.73	6.53	6.37

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 Percent Green Cover = 1-100; 100=Complete Cover (3 ratings)
 Average Percent Green Cover 2010-2011 = 1-100; 100=Complete Cover (7 ratings, 2 years of data)
 Average Cover 2010-2011 = 1-9; 9=Most Cover (3 ratings, 2 years of data)
 Average Genetic Color 2010-2011 = 1-9; 9=Darkest (3 ratings, 2 years of data)
 Average Density 2010-2011 = 1-9; 9=Most Dense (3 ratings, 2 years of data)
 Average Turf Quality 2010-2011 = 1-9; 9=Best (3 ratings, 2 years of data)

CTBT: 2010 Trial
Tall Fescue Turf Trial
Location: Salem, New Jersey
Cooperator: Steve Langlois

2011 Data

Digital Image Analysis Ratings

SPONSOR	CULTIVAR	Percent Green Cover				Average	Average	Average	Average
		August	September	October	Average	Cover	Genetic	Density	Turf
DLF	IS-TF 234C	68.73	91.73	95.03	85.17	7.30	6.17	5.93	6.43
DLF	IS-TF 215	75.73	90.37	94.07	86.70	7.10	5.77	5.93	6.27
DLF	IS-TF 231C	40.23	82.33	94.67	72.40	6.97	6.13	5.77	6.27
Peak Genetics	PPG-TF 102	74.57	92.60	95.40	87.50	7.30	5.30	6.17	6.17
Peak Genetics	PPG-TF 116	74.80	93.90	95.60	88.13	7.23	5.63	5.77	6.17
PSG	PSG 07-5	65.27	88.77	93.20	82.40	6.63	6.27	5.73	6.17
PST	PST-5AWT	43.50	92.80	96.27	77.50	7.27	5.50	5.93	6.17
Peak Genetics	PPG-TF 101	69.43	82.17	94.20	81.93	7.10	5.40	6.03	6.13
PSG	Corona	65.17	80.30	93.07	79.53	6.80	5.97	6.03	6.13
DLF	IS-TF 197	58.27	91.63	93.87	81.23	7.00	5.53	6.07	6.13
DLF	IS-TF 227	64.43	83.47	94.90	80.93	6.87	5.60	5.90	6.13
NexGen	ATF1620	52.27	83.20	94.97	76.83	7.00	5.60	6.00	6.13
Rutgers	Shenandoah Elite	58.50	88.83	88.60	78.63	7.13	5.50	5.87	6.10
Rutgers	Shenandoah III	66.40	87.40	94.77	82.83	7.27	5.20	6.00	6.10
Peak Genetics	PPG-TF 117	54.33	81.13	93.43	76.30	7.00	5.80	5.83	6.10
Peak Genetics	Raptor II	48.93	72.90	93.90	71.90	6.93	5.63	5.80	6.10
PSG	PSG 07-9	55.00	83.70	93.67	77.47	6.93	5.87	5.77	6.10
Rutgers	LW	50.90	85.07	94.07	76.70	7.40	5.47	5.63	6.07
Rutgers	6351	72.13	87.37	94.53	84.70	7.27	5.17	6.00	6.07
PSG	Mustang 4	54.20	92.23	95.87	80.77	7.13	5.53	6.03	6.07
DLF	Bullseye	62.30	93.30	95.23	83.60	7.30	5.37	5.93	6.07
Rutgers	Falcon V	57.90	94.40	95.37	82.57	7.10	5.13	5.90	6.00
PSG	PSG 6008	51.10	83.17	96.67	76.97	6.93	5.50	5.77	6.00
DLF	IS-TF 219	70.27	90.10	93.97	84.77	7.30	5.17	5.77	6.00
DLF	IS-TF 224	63.17	96.50	92.53	84.07	7.00	5.33	6.00	6.00
DLF	IS-TF 233C	51.47	93.70	94.00	79.70	7.10	5.43	5.87	6.00
Peak Genetics	Spyder LS	68.10	87.97	89.77	81.97	7.07	5.77	5.60	5.97
PST	Wolfpack II	70.27	89.70	94.93	85.00	7.20	5.27	5.60	5.97
Rutgers	Finelawn Xpress	56.97	94.27	94.53	81.93	7.17	5.17	5.90	5.93
Peak Genetics	PPG-TF 115	62.63	90.83	92.80	82.10	6.67	5.47	5.90	5.93
PSG	PSG 5908	45.33	91.50	93.70	76.83	6.80	5.40	5.83	5.93
PSG	PSG 82BPRH	61.13	84.93	87.70	77.90	7.20	5.10	5.73	5.93
PSG	PSG 709509	60.53	80.80	95.23	78.83	6.50	5.63	5.83	5.93
PSG	Crossfire 3	51.73	83.93	95.13	76.93	6.83	5.73	5.60	5.93
DLF	IS-TF 225	51.13	92.57	95.83	79.83	7.13	5.43	5.67	5.93
NexGen	ATF1609	74.30	92.17	94.90	87.10	6.93	5.20	5.80	5.93
NexGen	ATF1611	48.23	93.47	94.57	78.77	7.10	5.17	5.83	5.93
NexGen	Rebel Exeda	56.83	86.87	96.00	79.87	7.07	5.40	5.83	5.93
Rutgers	Traverse	80.30	86.47	94.00	86.93	7.17	4.93	5.93	5.90
Peak Genetics	PPG-TF 105	79.10	88.03	92.73	86.63	7.00	5.37	5.77	5.90
DLF	IS-TF 226	65.23	87.17	91.67	81.33	6.70	5.57	5.87	5.90
DLF	IS-TF 217	58.77	87.03	94.17	80.00	7.00	5.47	5.90	5.87
PST	Gazelle II	64.63	86.40	95.00	82.00	6.87	5.23	5.77	5.87
NexGen	ATF1571	72.30	90.00	95.17	85.83	6.80	5.27	6.00	5.87
Peak Genetics	PPG-TF 106	68.63	93.73	93.87	85.40	7.07	5.03	5.83	5.83
PST	PST-5FDR	53.63	87.03	93.63	78.10	6.80	5.17	6.00	5.83
NexGen	ATF1549	72.37	92.53	92.50	85.80	7.07	5.13	5.87	5.83
NexGen	Penn 1901	43.87	87.17	95.47	75.50	7.00	5.17	5.67	5.83
Rutgers	FCE3	49.60	85.57	92.07	75.73	6.67	5.23	5.77	5.80
PSG	PSG 8308	64.30	88.33	92.47	81.70	7.03	5.03	5.83	5.80
PST	PST-5SLV	59.60	87.33	94.50	80.47	6.97	5.23	5.67	5.80
NexGen	ATF1614	62.53	86.33	87.00	78.63	6.83	5.33	5.50	5.80
Rutgers	Falcon IV	46.63	92.77	95.03	78.13	6.93	5.20	5.73	5.77
DLF	IS-TF 230B	57.03	85.53	89.00	77.17	6.63	5.70	5.43	5.77

DLF	Essential	73.73	89.50	95.43	86.23	6.97	5.00	5.60	5.77
PST	PST-5DVD-07	52.90	88.93	95.63	79.17	6.80	5.37	5.57	5.77
PST	PST-5LIV	61.30	86.43	91.37	79.70	6.97	5.17	5.63	5.77
PST	PST-R5NW	41.20	90.10	94.67	75.33	6.97	5.47	5.43	5.77
NexGen	ATF1550	59.57	92.20	94.80	82.17	6.77	5.13	5.63	5.77
Rutgers	Rhambler	58.87	86.10	95.10	80.00	7.07	4.90	5.70	5.73
PSG	PSG 08-6	48.60	86.53	93.53	76.23	6.87	4.97	5.80	5.73
PST	Coronado TDH	54.90	86.47	95.03	78.80	6.70	5.13	5.77	5.73
PSG	PSG 8SP1	66.53	87.23	90.50	81.43	7.17	5.00	5.30	5.70
PST	PST-5MVD	50.63	71.80	95.70	72.73	6.73	5.00	5.73	5.70
NexGen	ATF1613	67.27	94.00	94.70	85.33	6.87	4.90	5.93	5.70
Rutgers	3rd Millennium	62.20	87.90	91.00	80.37	6.90	5.03	5.70	5.67
Rutgers	Catalyst	64.40	88.90	95.07	82.80	7.03	4.73	5.63	5.67
Peak Genetics	Firecracker LS	49.30	70.77	90.93	70.33	6.70	5.10	5.70	5.67
PST	Swagger (PST-5R05)	65.67	85.40	93.57	81.53	6.93	5.00	5.73	5.67
PST	Rain Dance (PST-5SDT)	53.13	90.80	94.63	79.53	6.90	4.93	5.67	5.67
NexGen	ATF1548	58.13	90.00	94.60	80.90	6.80	5.00	5.57	5.67
Peak Genetics	Titanium LS	57.33	87.07	91.50	78.63	7.07	4.83	5.73	5.63
PSG	PSG3905	16.83	84.27	92.37	64.50	6.47	5.40	5.63	5.63
DLF	IS-TF 223	54.00	93.40	93.27	80.23	7.03	4.80	5.67	5.63
NexGen	ATF1608	70.10	93.77	95.27	86.40	6.63	4.83	5.73	5.63
NexGen	ATF1547	76.27	81.33	93.17	83.57	6.83	4.90	5.73	5.63
PSG	STR 86QRH	61.00	88.43	90.60	80.03	6.60	5.00	5.77	5.60
PST	Rain Saver (PST-5SDS)	68.10	88.40	95.13	83.87	6.80	4.83	5.73	5.60
NexGen	ATF1551	58.63	87.77	93.60	80.00	6.73	4.77	5.67	5.60
PST	PST-5V4	47.27	91.80	94.67	77.93	6.47	4.87	5.80	5.57
NexGen	ATF1567	58.40	86.27	94.90	79.87	6.77	4.73	5.57	5.57
NexGen	ATF1610	48.47	94.30	90.83	77.87	6.70	4.97	5.60	5.57
NexGen	ATF1570	35.73	92.27	87.80	71.93	6.63	5.03	5.57	5.53
PST	PST-5DRP	71.67	90.37	92.63	84.87	6.77	4.97	5.33	5.50
PST	PST-5DKB	46.80	94.20	94.23	78.40	6.33	5.00	5.53	5.50
NexGen	ATF1566	49.77	87.43	96.00	77.73	6.67	4.63	5.83	5.50
PST	PST-5SXR	71.27	94.23	92.27	85.93	6.53	4.83	5.73	5.47
PST	Cumberland (PST-5R20)	72.60	94.77	95.13	87.50	6.60	4.60	5.57	5.47
NexGen	ATF1568	73.67	88.60	91.83	84.70	6.60	4.83	5.23	5.43
NexGen	ATF1569	71.27	86.23	93.50	83.67	6.60	4.60	5.53	5.43
PST	PST-5BGR	66.67	86.53	93.17	82.10	6.67	4.83	5.30	5.40
PST	Meridian (PST-5GRB)	58.67	83.33	91.77	77.90	6.80	4.60	5.37	5.40
NexGen	ATF1618	59.37	88.50	86.80	78.23	6.73	4.57	5.70	5.40
PST	Tarnation GT (PST-5T8E)	69.67	91.27	89.60	83.50	6.47	5.00	5.33	5.37
NexGen	ATF1621	70.43	95.43	92.13	86.03	6.70	4.63	5.50	5.37
PSG	PSG 8GRTR	57.70	84.50	88.37	76.87	6.63	4.70	5.30	5.33
PST	PST-5SXD	63.40	83.80	94.17	80.47	6.63	4.57	5.40	5.33
NexGen	ATF1619	63.33	91.17	91.63	82.03	6.50	4.67	5.33	5.33
PST	PST-5SIS	64.10	87.77	94.33	82.07	6.57	4.67	5.43	5.30
NexGen	ATF1491	29.53	85.37	91.20	68.70	6.37	4.53	5.57	5.27
PST	PST-5MCD	42.77	88.93	93.83	75.17	6.33	4.63	5.37	5.23
PST	PST-5YMY	63.03	95.80	90.70	83.17	6.63	3.60	4.87	4.73
NexGen	Verti (ATF1612)	75.20	92.27	95.03	76.03	5.63	4.10	4.77	4.73
Peak Genetics	KY-31	59.13	82.40	88.90	76.83	6.13	3.27	3.90	3.97
	CV	30.92	9.57	4.43	8.93	5.67	6.18	6.20	5.53
	LSD	24.93	11.39	5.58	9.68	0.52	0.43	0.48	0.43
	GRAND MEAN	59.76	88.26	93.38	80.36	6.86	5.14	5.69	5.76
	MIN. MEAN	16.83	70.77	86.80	64.50	5.63	3.27	3.90	3.97
	MAX. MEAN	80.30	96.50	96.67	88.13	7.40	6.27	6.17	6.43

Percent Green Cover = 1-100; 100=Complete Cover

Average Cover = 1-9; 9=Most Cover (4 ratings)

Average Genetic Color = 1-9; 9=Darkest (4 ratings)

Average Density = 1-9; 9=Most Dense (4 ratings)

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

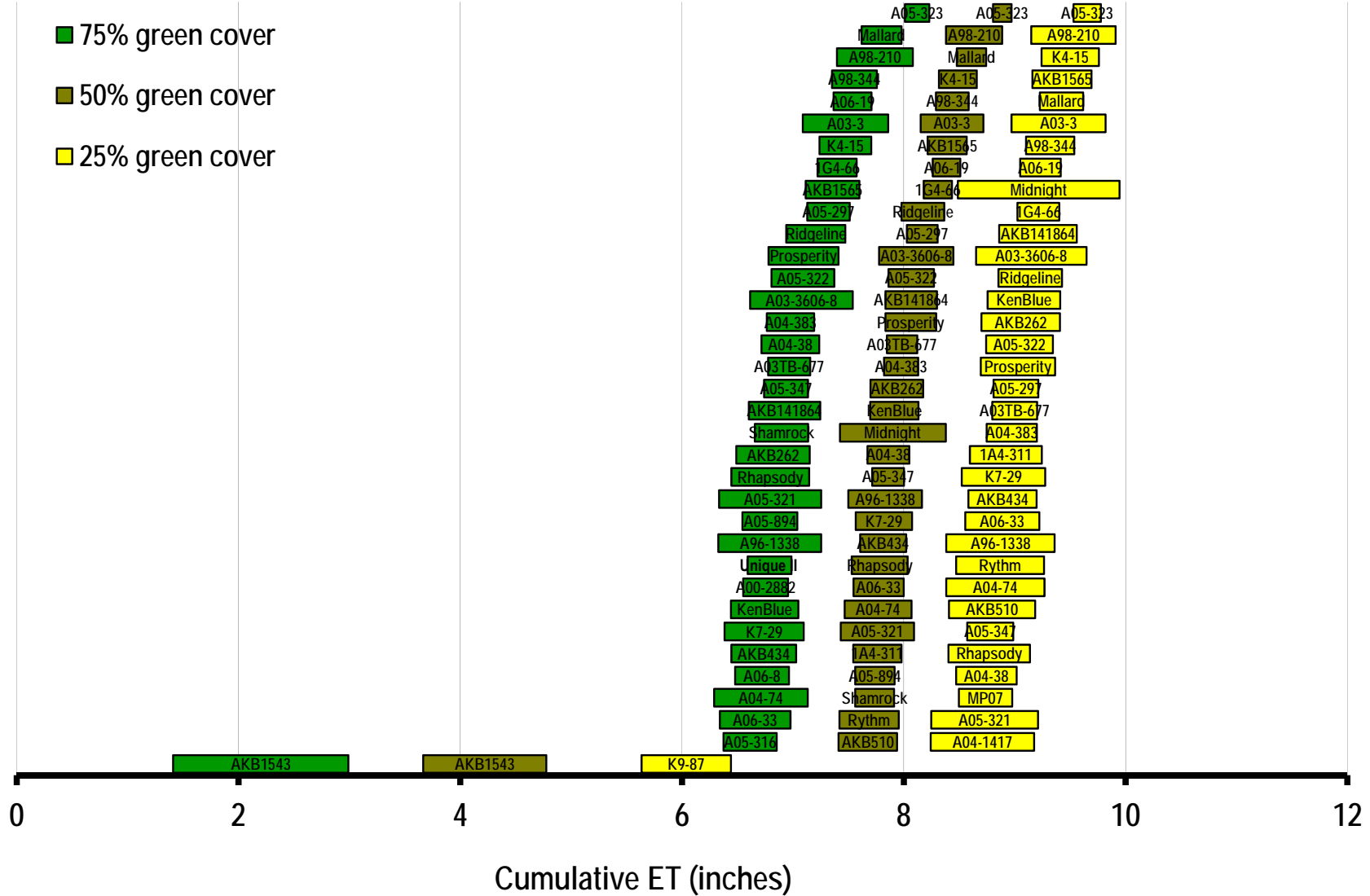


Figure 4. Confidence intervals (95%) for the amount of moisture lost to evapotranspiration after irrigation is withheld before the top third of the selections from data set 09CTKB12 reach 75, 50, and 25% green cover. The bottom performing selection is included to indicate the total range of drought tolerance in the data set.

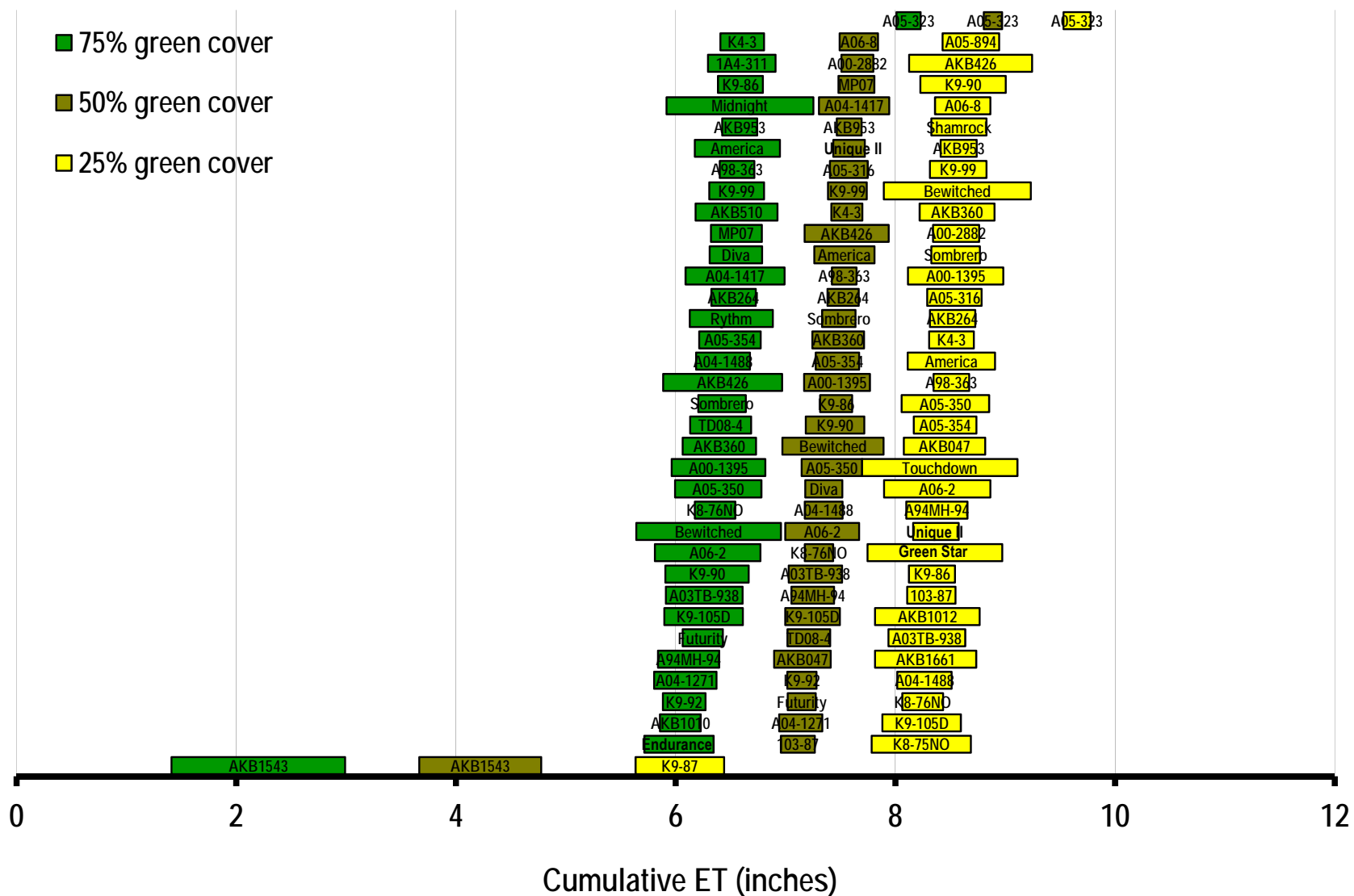


Figure 5. Confidence intervals (95%) for the amount of moisture lost to evapotranspiration after irrigation is withheld before the middle third of the selections from data set 09CTKB12 reach 75, 50, and 25% green cover. The top and bottom performing selections are included to indicate the total range of drought tolerance in the data set.

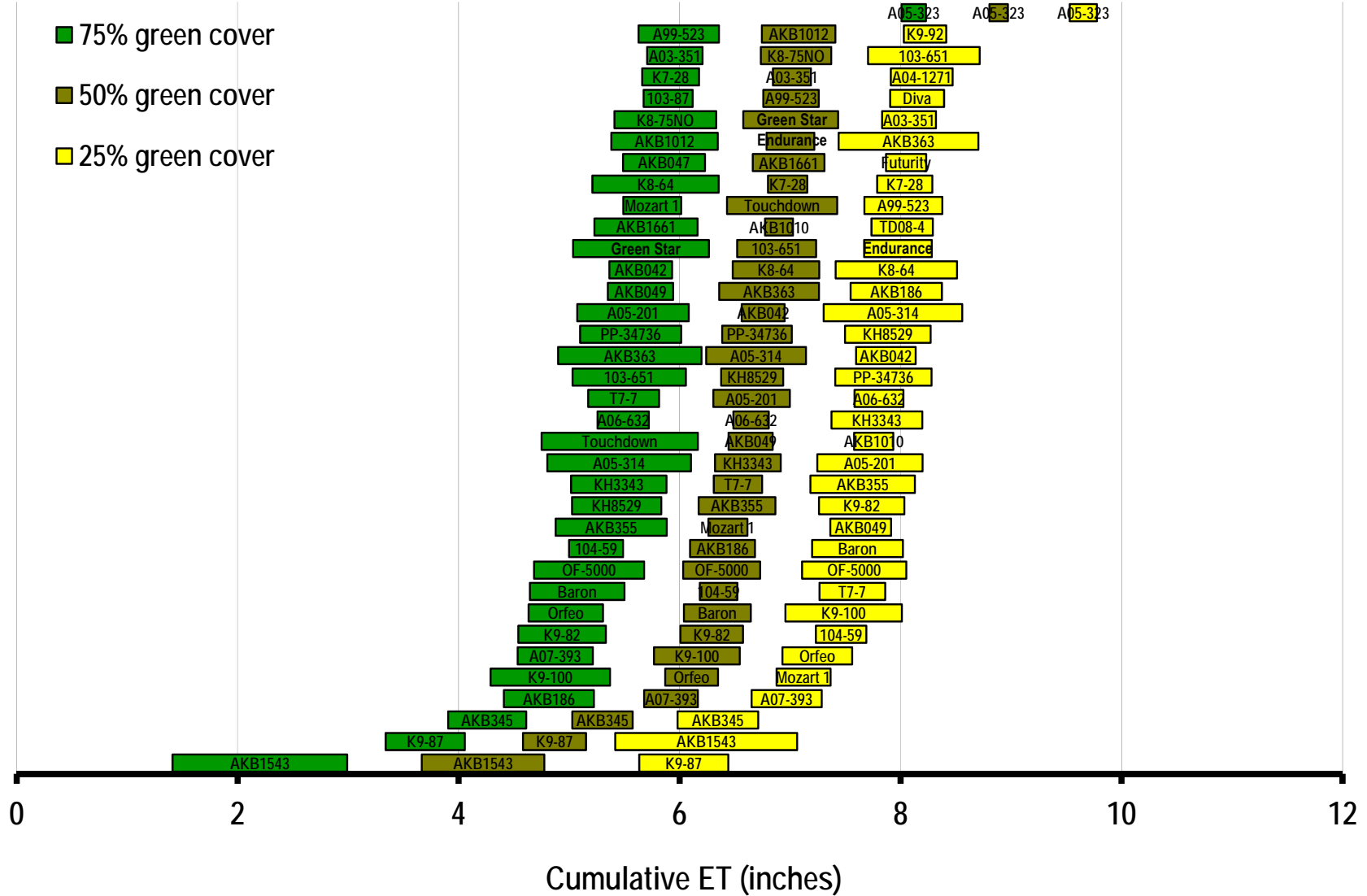


Figure 6. Confidence intervals (95%) for the amount of moisture lost to evapotranspiration after irrigation is withheld before the bottom third of the selections from data set 09CTKB12 reach 75, 50, and 25% green cover. The top performing selection is included to indicate the total range of drought tolerance in the data set.

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

Digital Image Analysis Ratings

SPONSOR	CULTIVAR	Establishment Ratings (2010)				Average Cover	Average Genetic Color	Average Density	Average Turf Quality
		Cover	Genetic Color	Density	Turf Quality				
PSG	Mustang 4	7.50	7.50	5.50	7.00	8.63	7.67	7.60	7.60
Peak Genetics	Raptor II	7.50	6.67	5.50	6.83	8.27	7.53	7.27	7.53
DLF	Bullseye	7.50	7.17	5.67	7.00	8.53	7.63	7.37	7.53
DLF	IS-TF 234C	7.50	7.50	5.50	7.17	8.37	8.13	7.27	7.37
PST	PST-5AWT	7.33	6.83	6.17	7.17	8.33	7.03	7.60	7.37
Rutgers	Shenandoah III	7.33	7.17	5.67	7.00	8.43	7.27	7.27	7.33
Rutgers	LW	6.17	5.67	6.00	6.17	8.33	6.93	7.20	7.30
Rutgers	Shenandoah Elite	7.67	7.00	6.33	7.33	8.43	7.27	7.00	7.30
Peak Genetics	PPG-TF 102	7.33	5.83	4.83	6.17	8.37	7.13	6.53	7.30
PST	PST-5FDR	7.50	7.50	5.67	7.17	8.43	7.47	6.87	7.30
Peak Genetics	Spyder LS	7.67	7.50	5.83	7.17	8.37	7.27	7.10	7.27
PSG	PSG 6008	7.67	6.33	5.17	6.50	8.67	7.10	6.80	7.27
DLF	IS-TF 219	7.83	7.00	4.83	6.83	8.43	7.27	6.77	7.27
DLF	IS-TF 227	7.67	7.67	5.17	7.17	8.27	7.33	7.03	7.27
DLF	Essential	7.33	7.17	6.33	7.33	8.43	7.27	7.53	7.27
NexGen	ATF1611	7.67	7.33	5.00	7.00	8.37	7.03	7.50	7.27
Rutgers	Traverse	7.50	7.33	5.67	7.00	8.43	6.87	7.20	7.20
Peak Genetics	PPG-TF 105	7.67	7.50	5.50	7.17	8.43	7.10	6.93	7.20
Peak Genetics	PPG-TF 115	7.83	8.17	5.83	7.67	8.37	7.47	6.60	7.20
Peak Genetics	Firecracker LS	7.33	5.83	5.83	6.67	8.60	6.93	7.13	7.20
PSG	PSG 5908	7.50	6.67	5.50	6.83	8.20	7.37	7.03	7.20
PSG	PSG 07-9	7.17	7.17	6.00	7.17	7.87	7.30	7.10	7.20
DLF	IS-TF 197	7.83	7.83	5.83	7.50	8.27	7.33	6.60	7.20
DLF	IS-TF 217	7.67	7.33	5.67	7.00	8.37	6.93	7.43	7.20
DLF	IS-TF 230B	7.17	7.67	5.83	7.00	8.03	7.70	6.53	7.20
DLF	IS-TF 233C	7.33	7.00	5.83	7.00	8.20	7.03	7.00	7.20
PST	PST-5SXR	7.17	6.17	5.50	6.50	8.50	6.83	7.53	7.20
NexGen	ATF1609	7.33	6.67	5.67	6.83	8.10	6.93	8.20	7.20
NexGen	ATF1547	7.67	7.33	5.17	7.00	8.37	7.20	6.83	7.20
NexGen	ATF1621	7.33	6.33	5.33	6.67	8.43	6.80	7.60	7.20
NexGen	Rebel Exeda	7.17	6.00	5.67	6.67	8.37	6.70	7.80	7.20
Rutgers	Falcon V	7.33	6.83	6.00	6.83	8.27	7.10	7.03	7.17
PSG	PSG 709509	7.50	6.67	5.33	6.67	8.20	7.27	6.97	7.13
DLF	IS-TF 231C	7.17	7.00	5.17	6.50	7.83	7.77	6.50	7.13
Rutgers	Finelawn Xpress	7.33	6.00	5.33	6.33	8.47	7.17	6.87	7.10
Rutgers	6351	7.50	6.83	5.33	6.83	8.20	7.03	7.43	7.10
Peak Genetics	PPG-TF 101	7.33	7.50	6.17	7.33	8.30	7.03	6.87	7.10
Peak Genetics	PPG-TF 106	7.67	7.17	5.17	6.83	8.13	6.80	7.37	7.10
PSG	PSG 07-5	7.50	7.67	5.33	7.17	7.97	7.97	6.10	7.10
DLF	IS-TF 215	7.50	7.33	6.00	7.17	8.20	7.27	6.43	7.10
DLF	IS-TF 223	7.50	6.33	5.00	6.50	8.33	7.03	7.27	7.10
DLF	IS-TF 225	7.50	7.17	5.33	6.83	8.30	7.20	6.77	7.10
PST	Gazelle II	7.33	6.67	5.83	6.83	8.17	6.83	6.80	7.10
PST	Tarnation GT (PST-5T8E)	7.33	5.67	5.17	6.33	8.53	6.97	6.20	7.10
PST	PST-R5NW	6.83	6.17	5.83	6.50	8.33	7.20	6.77	7.10
NexGen	ATF1610	7.50	6.83	5.67	7.00	8.43	6.83	6.93	7.10
NexGen	ATF1614	7.17	6.83	5.83	7.00	8.03	7.03	7.00	7.10
NexGen	ATF1619	7.50	6.00	5.17	6.50	8.43	6.50	7.43	7.10
Peak Genetics	Titanium LS	6.83	5.83	6.17	6.17	8.53	6.60	6.93	7.03
PSG	STR 86QRH	7.00	6.50	5.83	6.83	8.03	6.93	6.93	7.03
PSG	Corona	7.50	7.17	5.67	7.00	7.77	7.27	6.93	7.03
DLF	IS-TF 224	7.50	6.83	6.50	7.17	8.00	7.20	6.67	7.03
DLF	IS-TF 226	7.17	7.00	5.50	6.67	8.10	7.20	6.93	7.03
PST	PST-5SXD	7.17	5.67	5.33	6.33	8.37	6.60	7.67	7.03
NexGen	ATF1568	7.33	5.83	6.00	6.50	8.37	6.53	6.87	7.03
NexGen	ATF1571	7.67	6.33	5.33	6.67	8.10	6.83	7.37	7.03
NexGen	ATF1608	6.83	6.33	6.50	6.83	8.20	6.93	7.27	7.03
NexGen	ATF1549	7.33	6.33	6.33	7.17	8.27	6.93	6.53	7.03
Peak Genetics	PPG-TF 117	7.67	7.67	5.33	7.33	8.10	7.27	6.83	7.00
PST	PST-5LIV	7.33	7.00	5.00	6.83	8.10	7.03	6.77	7.00
Rutgers	Rhambler	7.17	6.67	5.83	7.00	8.20	6.93	7.10	6.97
Rutgers	Falcon IV	7.50	7.00	5.00	6.83	7.97	6.77	6.97	6.97

Peak Genetics	PPG-TF 116	7.50	7.33	5.50	7.17	8.10	6.97	6.97	6.97
PSG	PSG 8308	7.17	6.17	5.00	6.50	7.93	6.77	7.30	6.97
PSG	PSG3905	7.33	6.67	5.83	6.83	8.13	6.70	7.27	6.97
PST	Coronado TDH	7.33	6.17	5.17	6.33	8.00	6.63	7.27	6.97
PST	PST-5MVD	7.83	6.33	5.33	6.67	8.10	6.77	6.93	6.97
NexGen	ATF1613	7.50	6.67	5.83	7.00	8.03	6.80	7.00	6.97
Rutgers	Catalyst	6.67	5.67	6.00	6.33	8.20	6.50	6.87	6.93
Rutgers	FCE3	7.50	6.67	6.50	7.17	8.27	7.00	6.03	6.93
PSG	PSG 8SP1	7.50	6.67	5.50	6.83	8.27	6.80	6.63	6.93
PST	PST-5V4	7.67	6.83	6.00	7.17	8.33	6.70	6.70	6.93
PST	PST-5MCD	6.83	5.33	5.17	6.00	8.20	6.60	7.00	6.93
PST	PST-5DVD-07	7.33	6.17	5.33	6.50	8.43	6.87	6.53	6.93
PST	Swagger (PST-5R05)	7.17	6.00	6.00	6.50	8.00	6.63	6.87	6.93
PST	PST-5SLV	6.83	6.17	5.83	6.33	8.37	6.43	6.93	6.93
NexGen	ATF1569	7.83	7.17	5.17	7.00	7.87	6.77	7.27	6.93
NexGen	ATF1570	7.00	6.17	5.50	6.50	8.30	6.77	6.93	6.93
NexGen	ATF1548	7.33	7.00	5.83	6.83	8.13	6.87	6.87	6.93
NexGen	ATF1550	7.33	6.83	5.83	7.00	8.13	6.70	7.10	6.93
NexGen	ATF1620	7.33	6.00	5.67	6.50	8.27	6.53	7.47	6.93
Rutgers	3rd Millennium	7.50	6.33	5.83	6.67	8.10	6.60	6.93	6.87
PST	PST-5BGR	6.50	5.50	5.83	6.00	8.03	6.53	6.93	6.87
PST	PST-5DRP	7.17	5.67	5.50	6.33	8.27	6.87	6.37	6.87
PST	Rain Saver (PST-5SDS)	7.50	6.00	5.33	6.50	8.27	6.37	6.70	6.87
NexGen	ATF1566	7.50	6.50	5.50	6.83	8.27	6.60	7.03	6.87
NexGen	ATF1491	7.00	5.67	5.83	6.33	8.20	6.37	6.77	6.87
NexGen	Penn 1901	7.17	6.00	5.67	6.50	8.27	6.70	6.60	6.87
NexGen	Verti (ATF1612)	7.67	6.67	5.50	6.83	8.10	6.10	7.03	6.83
PST	Wolfpack II	7.17	6.83	6.17	7.17	8.03	6.80	6.63	6.80
PSG	PSG 08-6	7.50	6.67	5.67	6.83	7.93	6.53	6.53	6.77
PST	Cumberland (PST-5R20)	7.17	5.83	5.67	6.50	8.47	6.17	6.60	6.77
PST	Meridian (PST-5GRB)	7.00	6.00	5.83	6.50	8.03	6.37	7.30	6.77
NexGen	ATF1551	7.17	6.67	5.67	6.67	7.93	6.50	7.33	6.77
NexGen	ATF1618	7.67	7.00	6.33	7.17	8.10	6.47	7.03	6.77
PSG	PSG 82BPRH	7.17	6.33	6.00	6.83	7.93	6.50	6.60	6.70
PSG	Crossfire 3	7.33	7.83	6.17	7.50	7.37	6.67	6.37	6.70
NexGen	ATF1567	7.17	6.33	5.67	6.67	8.03	6.27	6.70	6.70
PST	Rain Dance (PST-5SDT)	7.50	7.00	5.50	6.83	8.10	6.27	6.27	6.67
PST	PST-5SIS	6.67	6.00	6.33	6.50	7.60	6.03	6.93	6.60
PST	PST-5YMY	6.67	4.67	5.50	5.67	8.27	5.60	6.77	6.53
PST	PST-5DKB	7.17	5.83	4.83	6.17	7.87	6.10	6.60	6.53
PSG	PSG 8GRTR	6.83	6.50	5.33	6.50	7.37	6.37	6.53	6.43
Peak Genetics	KY-31	5.17	3.50	5.67	4.83	6.77	4.10	6.00	5.30
	CV	4.73	9.63	12.39	6.68	3.95	5.15	8.22	3.74
	LSD	0.47	0.86	0.94	0.61	0.44	0.48	0.77	0.35
	GRAND MEAN	7.31	6.61	5.64	6.77	8.19	6.87	6.95	7.02
	MIN. MEAN	5.17	3.50	4.83	4.83	6.77	4.10	6.00	5.30
	MAX. MEAN	7.83	8.17	6.50	7.67	8.67	8.13	8.20	7.60

2010 Establishment Ratings:
Cover = 1-9; 9=Most Cover
Genetic Color = 1-9; 9=Darkest
Density = 1-9; 9=Most Dense
Turf Quality = 1-9; 9=Best

2011 Ratings:
Average Cover = 1-9; 9=Most Cover (2 ratings)
Average Genetic Color = 1-9; 9=Darkest (2 ratings)
Average Density = 1-9; 9=Most Dense (2 ratings)
Average Turf Quality = 1-9; 9=Best (2 ratings)

Table 2. Confidence intervals (95%) for the amount of moisture lost to evapotranspiration after irrigation is withheld before selections (10CTFA12 data set) reach 75, 50, and 25% green cover. Selections are ranked based on their ET₅₀ values.

Rank	Selection	ET ₇₅	ET ₅₀	ET ₂₅
1.	Traverse	10.43 to 11.23	13.52 to 14.42	16.22 to 18.01
2.	Rain Dance	9.808 to 10.84	13.27 to 14.43	16.23 to 18.52
3.	IS-TF 219	10.13 to 10.58	13.02 to 13.42	15.69 to 16.47
4.	Shenandoah III	9.968 to 10.98	12.60 to 13.42	14.75 to 16.33
5.	PSG 82BPRH	10.07 to 10.90	12.59 to 13.24	14.73 to 15.97
6.	PPG-TF 117	9.710 to 10.50	12.57 to 13.22	15.07 to 16.31
7.	IS-TF 234C	9.425 to 10.75	12.34 to 13.43	14.64 to 16.73
8.	PPG-TF 101	9.265 to 10.75	12.24 to 13.46	14.53 to 16.86
9.	ATF1550	9.442 to 10.61	12.29 to 13.22	14.61 to 16.36
10.	PSG 07-5	9.765 to 10.23	12.51 to 12.87	15.04 to 15.72
11.	LW	9.399 to 10.39	12.27 to 13.04	14.68 to 16.13
12.	IS-TF 217	9.137 to 10.23	12.20 to 13.07	14.76 to 16.42
13.	Falcon IV	9.578 to 10.07	12.34 to 12.71	14.88 to 15.57
14.	Mustang 4	9.531 to 10.50	12.12 to 12.83	14.29 to 15.59
15.	ATF1549	9.516 to 9.919	12.30 to 12.60	14.90 to 15.46
16.	ATF1614	9.100 to 10.17	11.98 to 12.78	14.39 to 15.86
17.	IS-TF 197	9.774 to 10.31	12.19 to 12.58	14.38 to 15.06
18.	PST-5LIV	9.297 to 10.15	12.03 to 12.65	14.39 to 15.52
19.	Essential	9.453 to 10.09	12.07 to 12.53	14.42 to 15.25
20.	PPG-TF 102	9.091 to 10.43	11.78 to 12.74	13.91 to 15.62
21.	PST-R5NW	9.130 to 10.07	11.91 to 12.60	14.29 to 15.53
22.	Spyder LS	9.265 to 10.14	11.90 to 12.54	14.18 to 15.29
23.	Coronado TDH	9.043 to 10.09	11.81 to 12.57	14.14 to 15.49
24.	ATF1491	9.449 to 9.899	12.02 to 12.34	14.41 to 14.97
25.	PST-5MVD	9.215 to 9.631	12.03 to 12.34	14.67 to 15.22
26.	Tarnation GT	8.921 to 9.448	11.98 to 12.38	14.82 to 15.54
27.	Shenandoah Elite	9.370 to 10.11	11.89 to 12.41	14.11 to 15.02
28.	IS-TF 223	9.154 to 10.15	11.79 to 12.50	14.02 to 15.26
29.	PSG 8GRTR	9.359 to 9.987	11.89 to 12.33	14.16 to 14.93
30.	Rhambler	9.303 to 10.36	11.73 to 12.46	13.73 to 14.97
31.	ATF1547	9.448 to 9.911	11.90 to 12.22	14.16 to 14.71
32.	STR 86QRH	9.366 to 9.755	11.92 to 12.20	14.32 to 14.80
33.	ATF1568	9.095 to 10.17	11.65 to 12.40	13.78 to 15.06
34.	KY-31	8.126 to 9.267	11.59 to 12.46	14.56 to 16.16
35.	PPG-TF 106	8.868 to 9.812	11.69 to 12.37	14.12 to 15.31
36.	Catalyst	9.018 to 9.523	11.82 to 12.18	14.40 to 15.04
37.	6351	9.222 to 10.09	11.67 to 12.27	13.79 to 14.79
38.	IS-TF 215	9.298 to 9.840	11.77 to 12.15	14.04 to 14.67
39.	Raptor II	9.283 to 9.921	11.74 to 12.18	13.94 to 14.69
40.	PST-5DVD-07	9.219 to 9.868	11.72 to 12.17	13.96 to 14.73
41.	ATF1619	8.831 to 10.07	11.50 to 12.37	13.68 to 15.16
42.	IS-TF 225	9.269 to 9.769	11.76 to 12.10	14.05 to 14.63
43.	PPG-TF 115	9.096 to 9.717	11.71 to 12.14	14.07 to 14.82
44.	PST-5SLV	9.446 to 9.939	11.76 to 12.10	13.89 to 14.44
45.	ATF1548	8.824 to 9.454	11.68 to 12.13	14.27 to 15.06

46.	Finelawn Xpress	9.203 to 9.993	11.62 to 12.16	13.73 to 14.62
47.	PPG-TF 105	9.169 to 9.771	11.68 to 12.10	13.96 to 14.67
48.	IS-TF 226	8.685 to 9.616	11.55 to 12.21	14.03 to 15.18
49.	IS-TF 230B	9.143 to 9.960	11.59 to 12.16	13.73 to 14.66
50.	FCE3	8.916 to 10.11	11.45 to 12.27	13.53 to 14.89
51.	PSG 709509	8.386 to 9.372	11.50 to 12.22	14.21 to 15.48
52.	ATF1570	9.050 to 9.958	11.54 to 12.17	13.69 to 14.72
53.	ATF1611	9.444 to 9.952	11.68 to 12.03	13.73 to 14.29
54.	PST-5V4	9.009 to 9.830	11.57 to 12.14	13.81 to 14.76
55.	IS-TF 227	8.939 to 9.664	11.56 to 12.06	13.89 to 14.74
56.	PST-5AWT	9.264 to 9.887	11.60 to 12.03	13.70 to 14.39
57.	PST-5YMY	9.316 to 9.632	11.69 to 11.91	13.95 to 14.31
58.	PST-5DRP	8.807 to 9.375	11.51 to 11.90	13.98 to 14.65
59.	ATF1567	9.040 to 10.03	11.35 to 12.02	13.31 to 14.37
60.	PPG-TF 116	9.219 to 9.927	11.45 to 11.93	13.43 to 14.19
61.	PSG 08-6	9.259 to 9.757	11.52 to 11.86	13.61 to 14.15
62.	PSG 6008	8.958 to 9.797	11.40 to 11.97	13.53 to 14.46
63.	Swagger	8.459 to 9.607	11.29 to 12.09	13.66 to 15.02
64.	PST-5SXR	8.801 to 9.522	11.42 to 11.92	13.77 to 14.60
65.	ATF1551	8.995 to 9.581	11.46 to 11.87	13.71 to 14.37
66.	Crossfire 3	8.243 to 9.613	11.18 to 12.14	13.58 to 15.21
67.	PSG 8308	8.842 to 9.327	11.49 to 11.82	13.95 to 14.51
68.	PST-5SIS	8.670 to 9.447	11.39 to 11.93	13.80 to 14.70
69.	Rain Saver	8.975 to 9.713	11.40 to 11.90	13.55 to 14.36
70.	PST-5DKB	8.871 to 9.596	11.37 to 11.87	13.60 to 14.41
71.	ATF1621	9.121 to 9.636	11.42 to 11.77	13.54 to 14.09
72.	Corona	9.189 to 9.798	11.39 to 11.80	13.38 to 14.02
73.	PST-5FDR	8.930 to 9.470	11.40 to 11.77	13.67 to 14.26
74.	Meridian	8.666 to 9.454	11.31 to 11.85	13.65 to 14.54
75.	Verti	9.107 to 9.580	11.40 to 11.72	13.53 to 14.03
76.	IS-TF 233C	8.917 to 9.648	11.31 to 11.81	13.44 to 14.23
77.	Gazelle II	9.272 to 9.781	11.37 to 11.71	13.29 to 13.81
78.	Cumberland	9.150 to 9.590	11.37 to 11.67	13.44 to 13.90
79.	ATF1571	8.419 to 9.386	11.17 to 11.83	13.55 to 14.65
80.	ATF1618	9.071 to 9.558	11.32 to 11.65	13.40 to 13.91
81.	3rd Millennium	8.943 to 9.583	11.26 to 11.70	13.36 to 14.03
82.	ATF1569	9.327 to 9.812	11.31 to 11.64	13.14 to 13.62
83.	Firecracker LS	8.988 to 9.592	11.28 to 11.69	13.36 to 14.00
84.	IS-TF 231C	8.237 to 9.475	11.05 to 11.90	13.39 to 14.80
85.	PSG 07-9	8.826 to 9.564	11.21 to 11.71	13.34 to 14.12
86.	Titanium LS	8.906 to 9.335	11.32 to 11.61	13.57 to 14.04
87.	Bullseye	9.047 to 9.526	11.29 to 11.61	13.37 to 13.86
88.	PST-5BGR	8.736 to 9.125	11.30 to 11.57	13.72 to 14.15
89.	ATF1620	8.400 to 9.305	11.11 to 11.73	13.49 to 14.50
90.	ATF1608	8.599 to 9.044	11.24 to 11.55	13.72 to 14.22
91.	ATF1609	9.143 to 9.593	11.24 to 11.54	13.18 to 13.64
92.	ATF1566	9.053 to 9.520	11.22 to 11.54	13.23 to 13.71
93.	Rebel Exeda	8.521 to 9.158	11.14 to 11.57	13.52 to 14.22
94.	Wolfpack II	8.868 to 9.463	11.15 to 11.55	13.22 to 13.84
95.	ATF1613	8.537 to 9.146	11.12 to 11.54	13.49 to 14.15

96.	IS-TF 224	8.723 to 9.271	11.07 to 11.44	13.22 to 13.79
97.	PSG 8SP1	8.765 to 9.349	11.03 to 11.42	13.10 to 13.69
98.	PSG 5908	8.452 to 9.252	10.92 to 11.47	13.12 to 13.96
99.	Penn 1901	8.541 to 9.175	10.91 to 11.34	13.07 to 13.71
100.	PSG3905	8.063 to 8.978	10.61 to 11.24	12.86 to 13.80
101.	Falcon V	8.274 to 9.121	10.63 to 11.20	12.71 to 13.55
102.	PST-5MCD	8.348 to 8.849	10.46 to 10.80	12.42 to 12.91
103.	ATF1610	7.241 to 9.335	9.542 to 10.98	11.24 to 13.23
104.	PST-5SXD	7.188 to 8.973	9.313 to 10.55	10.95 to 12.63

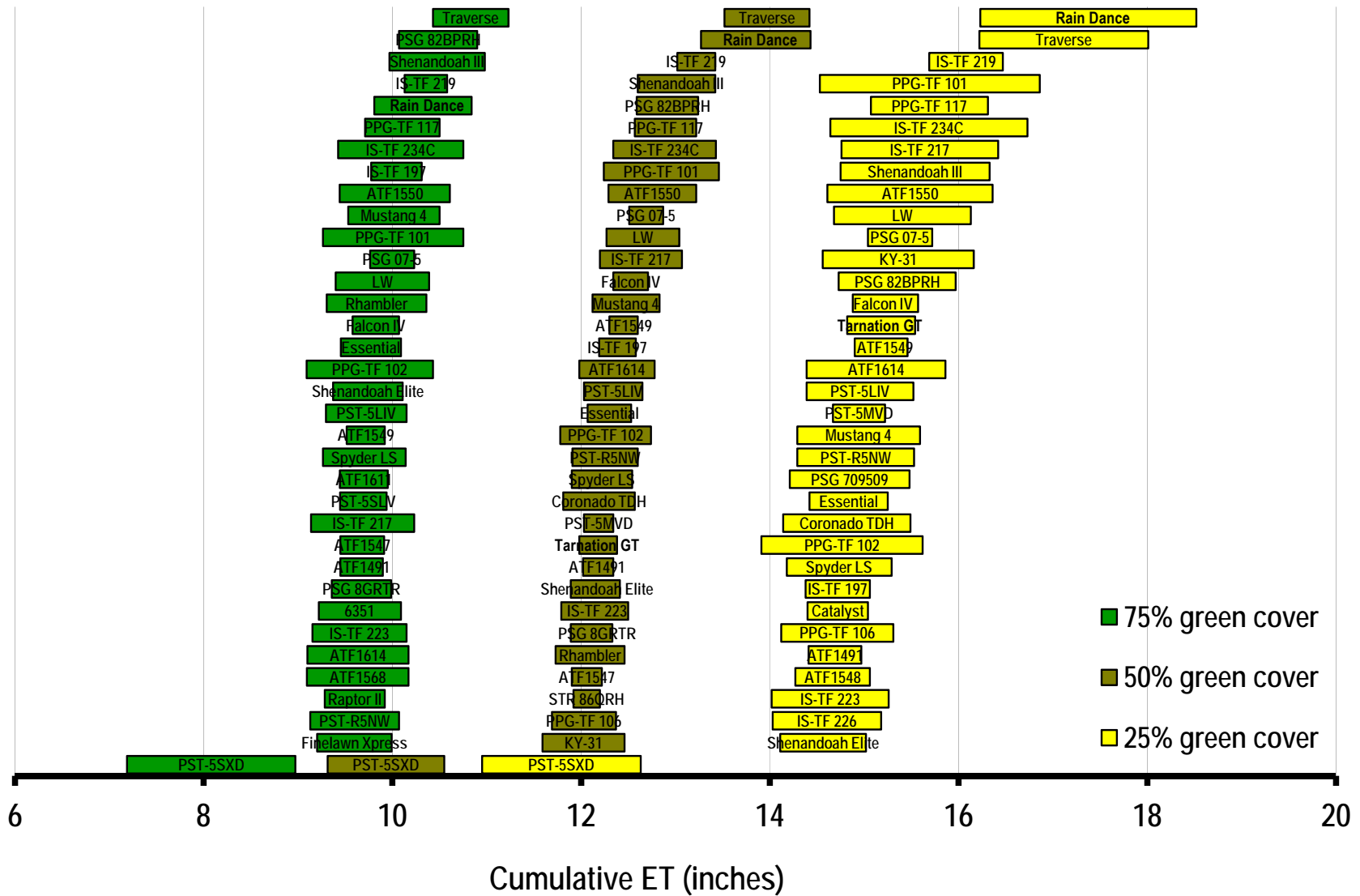


Figure 4. Confidence intervals (95%) for the amount of moisture lost to evapotranspiration after irrigation is withheld before top 1/3 selections from the 10CTFA12 data set reach 75, 50, and 25% green cover. The bottom performing selection is included for reference.

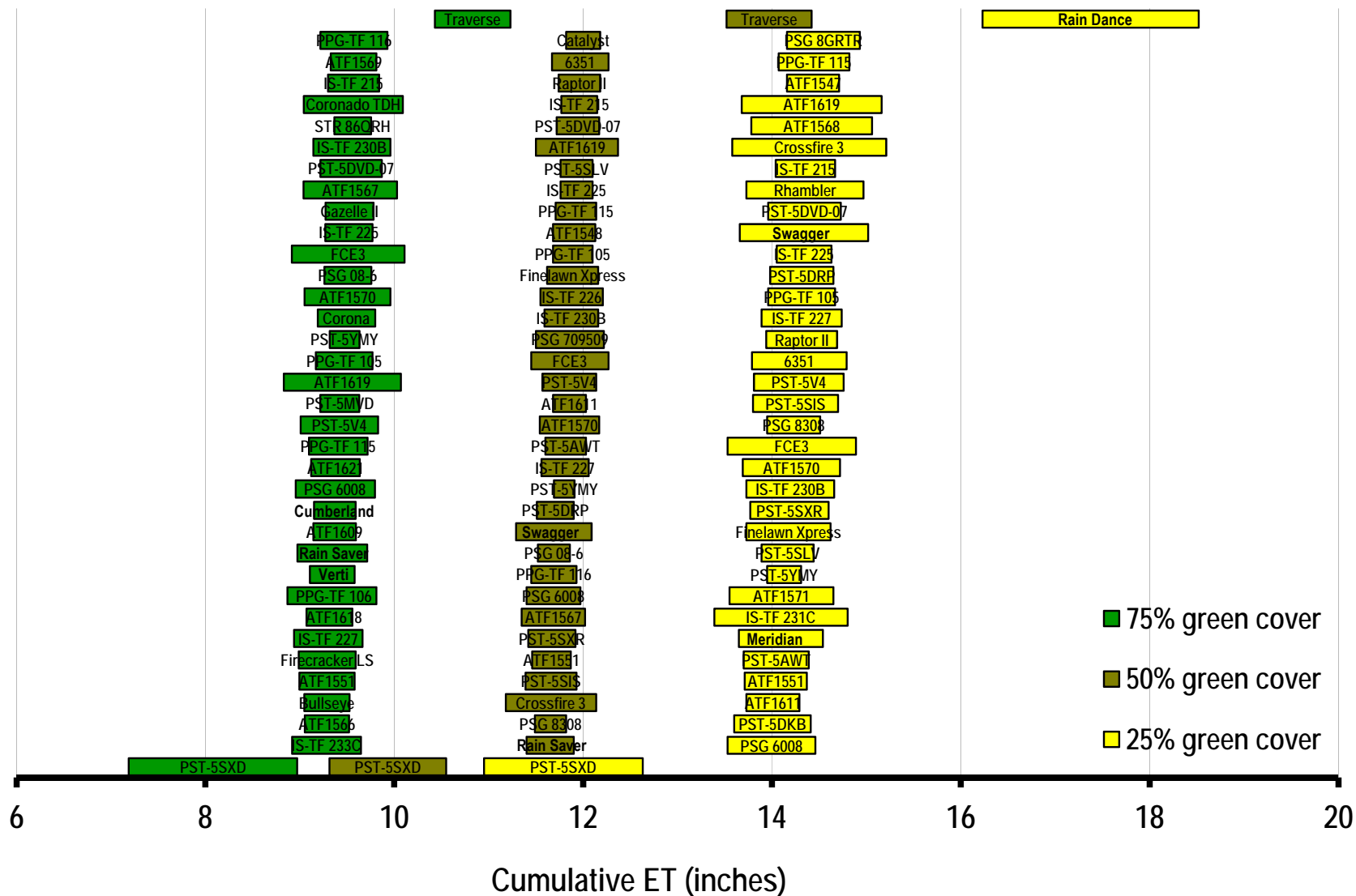


Figure 5. Confidence intervals (95%) for the amount of moisture lost to evapotranspiration after irrigation is withheld before middle 1/3 selections from the 10CTFA12 data set reach 75, 50, and 25% green cover. The top and bottom performing selections are included for reference.

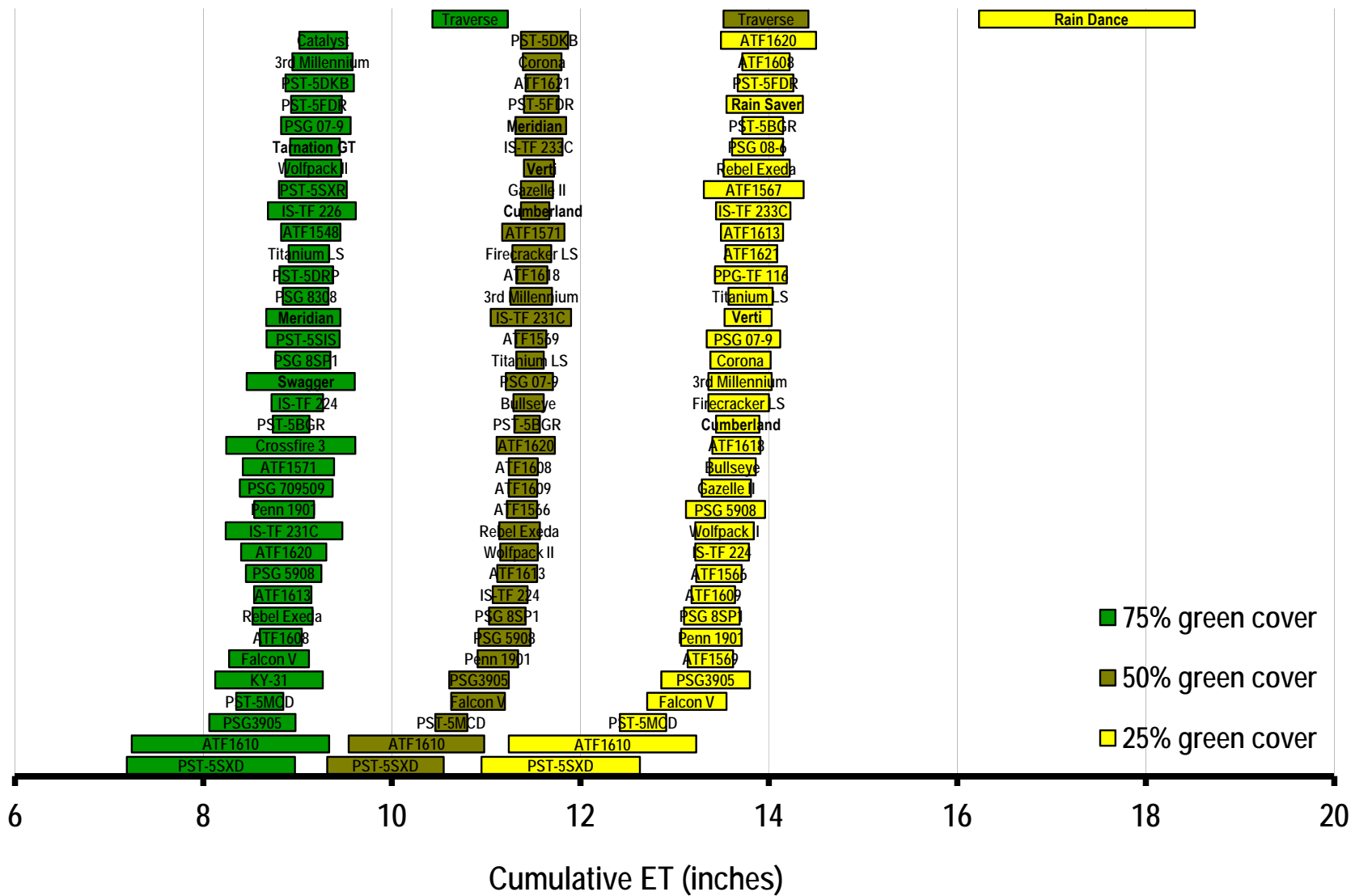


Figure 6. Confidence intervals (95%) for the amount of moisture lost to evapotranspiration after irrigation is withheld before bottom 1/3 selections from the 10CTFA12 data set reach 75, 50, and 25% green cover. The top performing selection is included for reference.

CTBT: 2010 Trial
 Tall Fescue Turf Trial - Shade
 Location: Canby, Oregon
 Cooperator: Crystal Fricker

2011 Data

Subjective Ratings

Subjective Ratings

SPONSOR	CULTIVAR	Average Turf Quality	SPONSOR	CULTIVAR	Average Turf Quality
Peak Genetics	PPG-TF 101	6.53	NexGen	ATF1569	4.67
PST	Swagger (PST-5R05)	6.40	NexGen	ATF1614	4.67
Rutgers	6351	6.13	NexGen	ATF1620	4.67
Peak Genetics	Titanium LS	6.13	Rutgers	FCE3	4.60
DLF	Essential	6.07	Peak Genetics	PPG-TF 106	4.60
NexGen	ATF1566	5.93	PSG	PSG3905	4.60
DLF	IS-TF 219	5.87	PST	PST-5SXD	4.60
PST	Coronado TDH	5.80	NexGen	ATF1570	4.60
DLF	IS-TF 215	5.67	NexGen	ATF1571	4.60
NexGen	Rebel Exeda	5.67	NexGen	ATF1608	4.60
PST	Rain Dance (PST-5SDT)	5.60	Rutgers	Falcon IV	4.53
PSG	Corona	5.53	Peak Genetics	PPG-TF 105	4.53
PST	PST-5MCD	5.53	PSG	PSG 07-9	4.53
Peak Genetics	Raptor II	5.47	DLF	IS-TF 223	4.53
DLF	IS-TF 226	5.40	DLF	Bullseye	4.53
Rutgers	Catalyst	5.33	PST	PST-5V4	4.47
DLF	IS-TF 217	5.33	PST	Gazelle II	4.47
PST	PST-5SLV	5.33	NexGen	ATF1550	4.47
PSG	Crossfire 3	5.27	DLF	IS-TF 234C	4.40
DLF	IS-TF 231C	5.27	PST	PST-5BGR	4.40
NexGen	ATF1618	5.27	PST	PST-5DKB	4.40
Peak Genetics	PPG-TF 116	5.20	NexGen	ATF1611	4.40
PSG	STR 86QRH	5.20	Rutgers	Shenandoah Elite	4.33
DLF	IS-TF 197	5.20	Rutgers	Shenandoah III	4.33
Rutgers	Traverse	5.13	NexGen	ATF1568	4.33
PST	PST-5LIV	5.13	DLF	IS-TF 224	4.27
PSG	PSG 8308	5.07	PSG	PSG 07-5	4.20
PST	PST-5DRP	5.07	NexGen	ATF1609	4.20
Rutgers	Rhambler	5.00	NexGen	ATF1548	4.20
PSG	PSG 82BPRH	5.00	Peak Genetics	PPG-TF 115	4.13
PST	PST-5SIS	5.00	Peak Genetics	Spyder LS	4.07
PST	Meridian (PST-5GRB)	5.00	PSG	PSG 8GRTR	3.93
NexGen	ATF1613	5.00	PST	PST-5YMY	3.93
PSG	Mustang 4	4.93	PST	Rain Saver (PST-5SDS)	3.93
PST	PST-R5NW	4.93	NexGen	ATF1549	3.93
NexGen	ATF1621	4.93	PSG	PSG 5908	3.87
PST	Tarnation GT (PST-5T8E)	4.87	PSG	PSG 08-6	3.87
PST	PST-5MVD	4.87	NexGen	ATF1610	3.87
NexGen	ATF1567	4.87	Rutgers	Finelawn Xpress	3.80
NexGen	ATF1491	4.87	NexGen	Penn 1901	3.80
Rutgers	3rd Millennium	4.80	NexGen	ATF1551	3.73
Rutgers	LW	4.80	NexGen	ATF1619	3.67
Peak Genetics	PPG-TF 117	4.80	Peak Genetics	Firecracker LS	3.60
PSG	PSG 6008	4.80	PSG	PSG 8SP1	3.60
DLF	IS-TF 230B	4.80	DLF	IS-TF 233C	3.60
PST	PST-5DVD-07	4.80	NexGen	ATF1547	3.53
PST	PST-5AWT	4.80	DLF	IS-TF 225	3.40
PST	Cumberland (PST-5R20)	4.80	Rutgers	Falcon V	3.33
NexGen	Verti (ATF1612)	4.80	Peak Genetics	KY-31	3.13
PSG	PSG 709509	4.73		CV	23.64
DLF	IS-TF 227	4.73		LSD	1.51
PST	Wolfpack II	4.73		GRAND MEAN	4.72
Peak Genetics	PPG-TF 102	4.67		MIN. MEAN	3.13
PST	PST-5SXR	4.67		MAX. MEAN	6.53
PST	PST-5FDR	4.67			

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

CTBT: 2009 Trial
 Kentucky Bluegrass Turf Trial
 Location: Blacksburg, Virginia
 Cooperator: Dr. Mike Goatley

2011 Data

SPONSOR	CULTIVAR	Subjective Ratings		
		Summer Patch	Average Turf Quality	Average Turf Quality 2010-2011
Rutgers	A06-33	1.33	6.50	6.90
Rutgers	A05-322	1.67	6.29	6.49
PSG	A00-1395	1.33	5.84	6.44
PST	K4-3	1.33	6.33	6.39
Peak Genetics	Prosperity	2.00	6.21	6.38
NexGen	AKB262	1.33	6.21	6.38
NexGen	AKB434	1.33	6.33	6.38
Rutgers	A96-1338	1.33	6.13	6.31
Rutgers	A98-363	1.00	6.25	6.28
NexGen	AKB049	1.33	6.21	6.20
Rutgers	Bewitched	1.33	6.25	6.18
PST	K9-105D	1.67	5.96	6.16
Peak Genetics	A04-38	1.67	5.63	6.15
PSG	A03-3606-8	2.00	6.09	6.15
PSG	A03-351	1.67	6.00	6.13
DLF	A05-354	1.33	6.00	6.05
DLF	A05-350	2.00	5.67	6.05
PST	K9-82	1.67	5.75	6.05
PSG	A04-383	1.00	5.92	6.05
PSG	A03-3	1.33	6.00	6.05
Rutgers	A98-344	2.00	5.50	6.03
PSG	A05-316	2.33	5.88	6.02
PSG	A05-347	1.67	5.92	5.97
DLF	Futurity	2.33	5.79	5.95
Rutgers	A05-314	2.33	5.67	5.95
DLF	Rhapsody	2.00	5.75	5.95
Peak Genetics	A99-523	1.67	5.54	5.93
Rutgers	A06-8	1.67	5.67	5.90
PSG	America	1.33	5.75	5.90
NexGen	AKB426	3.00	5.67	5.90
NexGen	AKB355	1.67	5.96	5.87
Rutgers	Diva	1.67	5.79	5.87
NexGen	Mallard	2.00	5.83	5.87
DLF	A05-297	2.00	5.71	5.85
Peak Genetics	A04-1271	1.67	5.29	5.80
DLF	A00-2882	2.33	5.42	5.77
NexGen	AKB510	2.33	6.00	5.74
NexGen	AKB1010	1.33	5.92	5.74
PSG	A03TB-677	2.00	5.63	5.74
NexGen	AKB1565	2.33	5.46	5.72
PST	104-59	1.67	5.67	5.72
NexGen	AKB264	2.00	5.21	5.64
DLF	A05-323	1.67	5.38	5.62
PSG	A05-321	2.67	5.38	5.62
NexGen	AKB186	2.67	5.55	5.57
NexGen	KH3343	4.00	4.88	5.57
NexGen	AKB141864	4.33	5.21	5.56
PST	A07-393	2.00	5.42	5.54
PST	K9-99	3.33	5.00	5.54
NexGen	AKB042	2.33	5.58	5.54
NexGen	AKB047	2.00	5.46	5.54
DLF	Rhythm	1.67	5.54	5.51
Rutgers	A05-894	1.33	5.55	5.51
Peak Genetics	A06-19	1.67	5.21	5.49
DLF	Shamrock	2.67	5.25	5.46
NexGen	KH8529	3.33	5.29	5.46

SPONSOR	CULTIVAR	Subjective Ratings		
		Summer Patch	Average Turf Quality	Average Turf Quality 2010-2011
NexGen	AKB363	2.00	5.25	5.44
Rutgers	A03TB-938	2.33	4.96	5.43
Peak Genetics	A94MH-94	4.00	4.96	5.41
PSG	MP07	2.33	5.17	5.38
NexGen	AKB1543	2.00	5.00	5.36
PST	K4-7	2.33	5.04	5.33
Rutgers	Ridgeline	3.00	5.17	5.33
NexGen	Baron	1.67	5.25	5.31
Rutgers	A06-2	1.67	5.05	5.30
PSG	A04-74	1.33	5.29	5.28
Peak Genetics	A98-210	2.67	5.08	5.28
NexGen	Conquistador (AKB1661)	1.67	5.08	5.28
PST	102-158	1.67	5.25	5.26
Rutgers	A05-201	1.67	5.00	5.23
Rutgers	A06-632	2.00	5.00	5.21
PST	K8-76NO	2.67	5.04	5.21
PST	103-585	2.33	4.92	5.20
PST	PP-34736	2.00	4.71	5.18
Peak Genetics	Midnight	3.00	5.33	5.18
NexGen	AKB345	2.67	5.13	5.18
PSG	OF-5000	1.67	4.96	5.18
Peak Genetics	KenBlue	2.67	4.92	5.18
Peak Genetics	Orfeo	2.67	4.75	5.16
PST	K9-92	2.67	4.75	5.13
PST	K4-15	3.00	4.88	5.13
DLF	Sombrero	2.67	4.79	5.13
PST	K9-87	1.67	5.00	5.10
PST	103-87	4.33	4.67	5.00
PST	K9-90	3.33	4.46	4.98
NexGen	AKB360	2.33	4.92	4.98
PST	K7-29	3.33	4.54	4.97
PST	K9-100	3.33	4.59	4.95
PSG	Touchdown	5.33	4.38	4.93
DLF	A04-1417	3.33	4.59	4.89
PST	T7-7	8.00	4.00	4.80
PST	K7-28	5.67	4.50	4.79
PST	K8-75NO	3.67	4.38	4.74
PSG	TD08-4	2.67	4.29	4.72
PST	1G4-66	4.00	4.38	4.64
NexGen	AKB953	3.33	4.30	4.64
NexGen	AKB1012	3.00	4.38	4.61
DLF	A04-1488	6.67	4.21	4.56
PST	1A4-311	4.67	4.09	4.51
PST	K9-86	1.67	4.21	4.38
PST	K8-64	2.67	4.21	4.34
DLF	Mozart 1	6.33	3.67	4.31
PST	103-651	2.33	4.13	4.23
CV		43.30	10.44	9.37
LSD		1.42	0.74	0.70
GRAND MEAN		2.43	5.28	5.51
MIN. MEAN		1.00	3.67	4.23
MAX. MEAN		8.00	6.50	6.90

Summer Patch = 1-9; 1=Most Resistant

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

Average Turf Quality 2010-2011 = 1-9; 9=Best (13 ratings, 2 years of data)

CTBT: 2010 Trial
Tall Fescue Turf Trial
Location: Blacksburg, Virginia
Cooperator: Dr. Mike Goatley

2011 Data

Subjective Ratings

SPONSOR	CULTIVAR	Percent Green Cover		Leaf Texture	Brown Patch	Average Percent Green Cover	Average Turf Quality
		February	May				
Peak Genetics	PPG-TF 106	75.00	100.00	6.67	2.33	87.50	6.29
Rutgers	LW	81.67	100.00	7.00	3.67	90.83	6.21
Peak Genetics	PPG-TF 101	75.00	100.00	6.33	3.00	87.50	6.21
NexGen	ATF1613	78.33	100.00	7.67	3.33	89.17	6.17
Peak Genetics	PPG-TF 116	81.67	100.00	6.33	2.00	90.83	6.13
NexGen	ATF1550	88.33	100.00	6.33	3.67	94.17	6.13
DLF	IS-TF 225	80.00	100.00	6.67	3.33	90.00	6.09
PSG	Mustang 4	76.67	100.00	6.33	3.00	88.33	6.05
PST	PST-5AWT	86.67	100.00	6.67	3.33	93.33	6.04
Peak Genetics	PPG-TF 105	66.67	100.00	7.33	2.67	83.33	6.00
DLF	IS-TF 224	75.00	100.00	6.67	2.67	87.50	6.00
Peak Genetics	PPG-TF 115	76.67	100.00	5.67	2.33	88.33	6.00
NexGen	ATF1548	83.33	100.00	6.67	3.33	91.67	6.00
PST	Wolfpack II	70.00	100.00	7.33	3.00	85.00	5.96
NexGen	ATF1608	70.00	96.67	6.67	2.33	83.33	5.96
PSG	PSG 709509	78.33	100.00	7.00	4.33	89.17	5.96
DLF	IS-TF 230B	80.00	100.00	7.67	4.00	90.00	5.96
PST	PST-5DKB	76.67	100.00	6.67	2.33	88.33	5.96
PST	Swagger (PST-5R05)	83.33	100.00	7.00	3.00	91.67	5.92
NexGen	ATF1610	81.67	100.00	6.00	3.00	90.83	5.92
NexGen	ATF1549	80.00	100.00	6.67	2.33	90.00	5.92
DLF	IS-TF 197	80.00	100.00	7.33	5.67	90.00	5.88
DLF	Essential	76.67	100.00	6.33	4.33	88.33	5.88
PST	PST-5MCD	80.00	100.00	7.33	3.67	90.00	5.88
Rutgers	Traverse	73.33	100.00	7.33	5.00	86.67	5.84
Rutgers	Falcon V	83.33	100.00	7.33	3.00	91.67	5.84
Peak Genetics	PPG-TF 102	81.67	100.00	6.33	3.67	90.83	5.84
DLF	IS-TF 223	73.33	100.00	6.33	2.33	86.67	5.84
Rutgers	Finelawn Xpress	80.00	100.00	6.67	3.67	90.00	5.83
DLF	IS-TF 233C	70.00	100.00	6.67	5.00	85.00	5.79
NexGen	ATF1547	78.33	100.00	6.33	4.00	89.17	5.79
Rutgers	Shenandoah Elite	76.67	100.00	7.33	3.67	88.33	5.75
PSG	Corona	88.33	100.00	6.33	5.33	94.17	5.75
DLF	IS-TF 217	76.67	100.00	6.33	3.33	88.33	5.75
DLF	IS-TF 234C	80.00	100.00	7.00	4.67	90.00	5.75
PST	PST-5V4	76.67	100.00	6.33	3.00	88.33	5.75
PST	PST-5FDR	76.67	100.00	7.00	4.00	88.33	5.75
NexGen	ATF1570	76.67	100.00	6.00	3.67	88.33	5.75
NexGen	ATF1609	73.33	93.33	6.00	2.67	83.33	5.75
NexGen	Verti (ATF1612)	73.33	96.67	7.33	3.33	85.00	5.75
NexGen	ATF1614	73.33	100.00	6.67	4.67	86.67	5.75
Peak Genetics	Raptor II	80.00	100.00	7.67	4.33	90.00	5.71
DLF	IS-TF 227	70.00	100.00	7.00	3.67	85.00	5.71
PST	PST-5DRP	86.67	100.00	6.33	5.33	93.33	5.71
Rutgers	Rhambler	75.00	100.00	6.00	3.33	87.50	5.67
Peak Genetics	Spyder LS	81.67	100.00	7.33	5.33	90.83	5.67
DLF	IS-TF 219	66.67	100.00	6.33	3.33	83.33	5.67
PST	Coronado TDH	78.33	100.00	6.67	6.67	89.17	5.67
PST	PST-5MVD	76.67	100.00	6.33	3.00	88.33	5.67
PST	Rain Dance (PST-5SDT)	73.33	100.00	6.00	4.67	86.67	5.67
PST	PST-5SLV	83.33	100.00	6.00	5.00	91.67	5.67
Rutgers	Falcon IV	80.00	100.00	6.00	3.00	90.00	5.63
NexGen	ATF1567	71.67	100.00	6.00	3.67	85.83	5.63

DLF	Bullseye	70.00	100.00	6.67	3.00	85.00	5.63
PST	Gazelle II	80.00	100.00	7.33	5.33	90.00	5.63
PST	PST-5DVD-07	76.67	100.00	7.00	3.00	88.33	5.63
PST	PST-R5NW	70.00	100.00	5.67	3.00	85.00	5.63
NexGen	ATF1569	76.67	100.00	7.00	3.33	88.33	5.63
NexGen	ATF1571	71.67	100.00	7.00	4.33	85.83	5.63
Rutgers	Catalyst	85.00	96.67	6.33	3.00	90.83	5.59
NexGen	ATF1611	76.67	100.00	7.00	3.33	88.33	5.59
PSG	Crossfire 3	70.00	100.00	6.67	4.00	85.00	5.55
Rutgers	3rd Millennium	86.67	100.00	6.33	4.67	93.33	5.54
PSG	PSG 5908	73.33	96.67	6.67	5.00	85.00	5.54
PSG	PSG 82BPRH	83.33	100.00	6.00	4.67	91.67	5.54
PSG	PSG 07-9	70.00	96.67	7.00	5.00	83.33	5.54
PSG	PSG 07-5	70.00	100.00	7.00	4.67	85.00	5.54
DLF	IS-TF 215	70.00	96.67	6.67	3.33	83.33	5.54
NexGen	Rebel Exeda	88.33	100.00	6.00	5.00	94.17	5.54
PSG	PSG 6008	70.00	96.67	7.00	5.33	83.33	5.50
PSG	PSG 8SP1	81.67	100.00	6.00	4.00	90.83	5.50
NexGen	ATF1618	70.00	98.33	5.67	4.00	84.17	5.50
Peak Genetics	PPG-TF 117	73.33	100.00	6.00	4.00	86.67	5.46
PST	PST-5SIS	85.00	100.00	5.33	3.00	92.50	5.46
PST	PST-5SXR	81.67	100.00	6.67	5.00	90.83	5.46
NexGen	ATF1621	70.00	100.00	6.00	3.33	85.00	5.46
DLF	IS-TF 231C	66.67	96.67	6.33	4.67	81.67	5.42
PST	PST-5LIV	76.67	100.00	5.67	3.67	88.33	5.42
PST	Cumberland (PST-5R20)	80.00	100.00	6.33	3.33	90.00	5.42
PST	Rain Saver (PST-5SDS)	73.33	100.00	6.67	4.33	86.67	5.42
Rutgers	6351	90.00	100.00	7.33	5.00	95.00	5.38
PST	Meridian (PST-5GRB)	83.33	100.00	6.67	6.00	91.67	5.38
NexGen	ATF1551	80.00	100.00	5.67	3.00	90.00	5.38
Rutgers	Shenandoah III	80.00	100.00	6.33	4.33	90.00	5.34
Peak Genetics	Firecracker LS	76.67	100.00	7.00	4.67	88.33	5.34
Peak Genetics	Titanium LS	86.67	100.00	5.67	4.67	93.33	5.34
NexGen	ATF1619	70.00	100.00	5.67	4.67	85.00	5.33
PST	PST-5BGR	91.67	100.00	6.00	4.33	95.83	5.30
PST	PST-5YMY	73.33	100.00	5.33	3.00	86.67	5.29
PST	PST-5SXD	75.00	98.33	6.67	4.33	86.67	5.25
NexGen	ATF1566	71.67	100.00	5.33	3.33	85.83	5.25
NexGen	ATF1568	83.33	100.00	5.67	5.33	91.67	5.25
Rutgers	FCE3	73.33	100.00	6.67	3.67	86.67	5.21
PSG	PSG 8308	73.33	100.00	5.67	5.67	86.67	5.21
PST	Tarnation GT (PST-5T8E)	70.00	100.00	6.33	4.33	85.00	5.21
PSG	STR 86QRH	73.33	100.00	6.00	6.67	86.67	5.17
NexGen	Penn 1901	81.67	100.00	6.33	5.67	90.83	5.17
PSG	PSG 8GRTR	73.33	100.00	5.67	3.00	86.67	5.17
PSG	PSG3905	80.00	100.00	6.67	5.33	90.00	5.13
PSG	PSG 08-6	78.33	100.00	6.67	7.33	89.17	5.13
NexGen	ATF1620	66.67	100.00	6.33	3.67	83.33	5.04
DLF	IS-TF 226	60.00	100.00	6.00	3.33	80.00	5.00
NexGen	ATF1491	88.33	100.00	5.00	5.33	94.17	4.92
Peak Genetics	KY-31	68.33	100.00	3.67	3.00	84.17	4.08

CV	12.14	2.01	11.50	28.01	5.68	6.06
LSD	12.62	2.70	1.00	1.50	6.77	0.46
GRAND MEAN	77.04	99.65	6.46	3.96	88.34	5.62
MIN. MEAN	60.00	93.33	3.67	2.00	80.00	4.08
MAX. MEAN	91.67	100.00	7.67	7.33	95.83	6.29

Percent Green Cover = 1-100; 100=Complete Cover

Leaf Texture = 1-9; 9=Most Fine

Brown Patch = 1-9; 1=Most Resistant

Average Percent Green Cover = 1-100; 100=Complete Cover (2 ratings)

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

2009 Kentucky Bluegrass Site Management

Site	Fertility (lbs / 1,000 ft ²)			Soil Type	pH	Mow Height Inches	Irrigation	Fungicides	Herbicides	Trial Type	Other
	N	P	K								
Arkansas Fayetteville	3.75	2.5	2.5	Silt Loam	6.2	1.5	Prevent Stress	Subdue Maxx Segway	Sedge Hammer Trimec Barricade	Full Sun	
California Camarillo	8.0	1.6	4	Clay Loam	7.7	1.75	Prevent Stress	None	None	Full Sun	
Illinois Urbana	1.0	0	0.5	Silt Loam and Silt	6.3	7/8	Prevent Stress	Daconil Eagle Banner Maxx Chipco 26GT	Tenacity Barricade	Full Sun	
Kentucky Berry	2.0	2.0	2.0	Ashton Silt Loam	6.6	1.75 Mar/Apr 2.0 Summer	1 inch/wk	None	Prowl MecAmine	Full Sun	
Minnesota St. Paul	1.0	0.2	0.4	Waukegan Silt Loam	~6.5	2	No Irrig.	None	None	Full Sun	
New Jersey Adelphia	3.0	0.0	0.0	Sandy Loam	6.1	1.5	Prevent Severe Stress	None	Dimension Amine 400 2,4D & Banvel	Wear	
New Jersey Adelphia	1.5	0.0	0.0	Sandy Loam	6.18	2.0	Single Irrig. Event June , 2011	None	Dimension Merit	Dense Shade	
New Jersey Salem	4.0	1.0	3.0	Silt Loam	6.3	1.5	Prevent Stress	None	Barricade 2,4D & Confront	Full Sun	
North Carolina Rolesville	4.0	0.0	0.0	Durham Loamy Sand	6.0	1.25	Prevent Severe Stress	None	Pre-emerge	Full Sun	
Oregon Albany	2.0	0.2	1.05	Woodburn Silt Loam	5.0	1.0	Promote Drought	Tilt / Bravo	None	Drought	
Virginia Blacksburg	2.0	0.0	0.0	Sandy Clay	5.7	2.0	Prevent Stress	None	Baricade Speedzone	Sun	50# Lime

2010 Tall Fescue Site Management

Site	Fertility (lbs / 1,000 ft ²)			Soil Type	pH	Mow Height Inches	Irrigation	Fungicides	Herbicides	Trial Type	Other
	N	P	K								
Arkansas Fayetteville	4.0	1.5	2.4	Silt Loam	6.2	1.5	Prevent Stress	Subdue Maxx Segway	Sedge Hammer Trimec Barricade	Full Sun	
Illinois Urbana	1.0	0	0.5	Silt Loam and Silt	6.3	2.0	Prevent Stress	Daconil	Imprelis Barricade	Full Sun	
Kentucky Berry	5.0	2.0	2.0	Ashton Silt Loam	6.6	1.75 Mar/Apr 2.0 Summer	1 inch/wk	Quadris Heritage	Prowl MecAmine Imprelis	Full Sun	
Minnesota St. Paul	3.11	2.25	3.19	Waukegan Silt Loam	~6.5	2.0	Maintain Quality	None	None	Full Sun	
New Jersey New Brunswick	3.3	0.35	1.15	Sandy Loam	6.1	1.5	Prevent Severe Stress	Segway	Dimension Weedar Merit & Banvel	Wear Full Sun	Brown Patch Inoc
New Jersey Salem	4.0	1.0	3.0	Silt Loam	6.3	1.5	Prevent Stress	Subdue	Barricade 2,4D & Confront	Full Sun	
North Carolina Rolesville	5.0	0.0	0.0	Durham Loamy Sand	6.0	2.0	1 inch/wk	Daconil Subdue	Pre-emerge	Full Sun	
Oregon Albany	3.0	1.2	2.54	Woodburn Silt Loam	5.0	1.0	Promote Drought	None	None	Drought	
Oregon Canby	3.5	0.0	0.0	Woodburn Silty Clay Loam	5.6	3.0	Prevent Stress	None	None	Shade	
Virginia Blacksburg	2.0	0.0	1.0	Sandy Clay	5.5	3.0	Prevent Stress	Cleary 3336	Barricade Speedzone	Sun	50# Lime