



2010 Report

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09CTKB7
 Location: Fayetteville, Arkansas
 Cooperator: Dr. Mike Richardson

CTBT 2009 Kentucky Bluegrass Turf Trial
 2010 Data

SPONSOR	CULTIVAR	Vigor	Average Genetic Color	Average Percent Cover	Average Turf Quality
PSG	A04-383	7.33	4.00	61.48	6.94
PSG	A04-74	7.33	5.17	62.42	6.83
PSG	A03-3	7.00	6.00	60.47	6.72
DLF	Rhapsody	7.67	5.17	59.42	6.45
NexGen	KH3343	7.00	4.50	53.68	6.33
Rutgers	A06-8	7.00	5.83	51.89	6.11
DLF	Futurity	7.67	4.67	50.47	6.06
DLF	A00-2882	8.33	6.17	50.54	6.05
Peak Genetics	Midnight	7.33	6.17	47.23	6.00
NexGen	AKB047	7.67	6.50	50.57	5.95
NexGen	AKB1661	7.00	6.33	43.49	5.72
Rutgers	A06-2	7.33	5.83	47.51	5.67
Rutgers	A98-363	7.33	6.17	46.55	5.61
DLF	A05-297	7.00	7.33	39.54	5.55
NexGen	AKB186	6.67	6.33	41.54	5.50
NexGen	KH8529	7.00	6.67	43.02	5.44
PST	K9-82	7.00	6.50	43.58	5.39
Peak Genetics	Prosperity	7.33	5.50	52.46	5.33
PSG	A03-3606-8	6.33	6.67	43.76	5.33
PSG	A05-347	6.67	5.33	47.51	5.33
NexGen	AKB042	7.33	6.50	42.18	5.33
Peak Genetics	A99-523	7.00	4.50	48.79	5.28
PST	K9-100	7.00	6.17	39.35	5.28
PSG	Touchdown	6.67	5.67	41.15	5.28
Rutgers	A05-322	7.00	5.17	43.08	5.22
NexGen	AKB510	7.33	6.50	43.41	5.22
PST	Unique II (102-158)	7.00	6.33	45.82	5.11
DLF	A04-1417	6.67	6.83	40.69	5.05
Peak Genetics	A04-1271	6.00	5.83	40.84	5.00
NexGen	AKB434	7.33	6.17	44.11	4.94
DLF	A05-323	7.00	5.83	39.09	4.83
PST	K4-3	7.33	6.83	42.66	4.78
Peak Genetics	A98-210	7.33	5.83	36.52	4.72
DLF	Rythm	6.67	6.67	35.95	4.67
PST	K9-90	6.67	7.00	38.48	4.61
PSG	America	7.33	6.00	36.44	4.61
PST	K9-105D	7.33	7.50	38.34	4.39
PSG	A05-321	7.00	5.17	38.20	4.39
PST	K8-75NO	7.67	6.50	29.43	4.33
Rutgers	A05-201	6.33	6.17	31.62	4.33
NexGen	AKB355	7.00	6.67	38.41	4.33
NexGen	Mallard	7.00	6.83	30.14	4.33
Rutgers	A06-632	7.00	6.00	36.39	4.28
PST	K7-29	7.00	6.83	31.93	4.28
Rutgers	A05-314	7.00	7.00	36.08	4.28
Rutgers	Bewitched	7.00	7.00	39.41	4.22
Rutgers	Diva	7.00	5.67	31.46	4.17
Rutgers	Ridgeline	7.00	6.67	35.13	4.11
DLF	Sombrero	7.33	6.50	29.40	4.06
DLF	A05-354	7.00	7.17	34.16	4.05
NexGen	Baron	6.67	7.50	33.30	4.05
PSG	A00-1395	7.67	5.83	33.84	4.00
PST	K8-76NO	7.00	5.50	30.23	3.94
PST	K9-92	7.00	5.67	29.68	3.89
Peak Genetics	KenBlue	7.00	6.50	29.23	3.83
PST	1G4-66	7.33	7.17	28.59	3.83
PST	T7-7	7.33	6.83	29.53	3.78

SPONSOR	CULTIVAR	Vigor	Average Genetic Color	Average Percent Cover	Average Turf Quality
Rutgers	A06-33	7.33	6.17	32.44	3.78
PSG	A05-316	6.67	6.67	27.49	3.78
DLF	A04-1488	7.67	6.50	32.87	3.67
PST	K9-99	7.33	6.00	30.77	3.66
Rutgers	A96-1338	7.00	5.17	30.47	3.56
NexGen	AKB262	7.33	6.33	21.93	3.56
NexGen	AKB141864	7.00	7.50	32.76	3.50
Peak Genetics	A04-38	6.67	7.00	25.66	3.45
PST	K7-28	7.00	6.83	40.56	3.44
Rutgers	A05-894	7.33	6.00	23.68	3.39
PST	PP-34736	7.00	6.17	28.42	3.39
PSG	A03TB-677	7.00	6.83	26.64	3.33
PST	A07-393	7.00	5.50	18.93	3.33
DLF	A05-350	6.67	7.17	17.13	3.28
NexGen	AKB264	6.67	7.17	19.08	3.28
Peak Genetics	A06-19	7.00	6.67	26.24	3.22
Rutgers	A03TB-938	6.67	6.50	19.34	3.22
NexGen	AKB426	7.00	6.17	25.97	3.22
PSG	A03-351	7.00	6.33	23.77	3.22
NexGen	AKB049	6.67	6.50	26.41	3.22
PST	Endurance (K4-7)	6.33	7.17	23.60	3.17
NexGen	AKB953	6.67	6.83	10.69	3.06
Rutgers	A98-344	6.67	6.33	16.26	2.94
PST	Northside (104-59)	6.67	6.17	20.07	2.89
PST	103-651	7.33	6.67	28.16	2.89
NexGen	AKB1012	7.33	7.17	11.84	2.89
PST	Green Star (103-585)	7.33	7.33	20.07	2.83
PST	103-87	7.00	6.67	22.27	2.78
PST	K4-15	7.00	7.33	26.55	2.78
NexGen	AKB360	7.33	6.50	24.45	2.67
PST	K9-87	7.00	6.17	17.57	2.67
PSG	MP07	7.00	6.67	19.78	2.67
PST	1A4-311	7.00	7.00	22.05	2.61
PSG	TD08-4	6.67	5.17	12.09	2.61
NexGen	AKB1543	6.33	5.67	10.37	2.56
Peak Genetics	A94MH-94	7.00	7.17	16.64	2.50
DLF	Mozart 1	7.00	6.17	18.56	2.45
NexGen	AKB345	6.33	5.67	14.37	2.39
DLF	Shamrock	7.00	6.83	17.02	2.39
NexGen	AKB1565	6.67	6.83	16.24	2.28
NexGen	AKB1010	6.33	7.33	10.73	2.22
Peak Genetics	Orfeo	6.67	6.33	4.44	1.95
NexGen	AKB363	7.00	6.50	12.94	1.89
PSG	OF-5000	6.67	5.83	5.69	1.83
PST	K8-64	6.67	6.00	1.73	1.34
PST	K9-86	5.67	5.83	1.74	1.28
	CV	8.35	14.24	40.98	26.79
	LSD	0.79	1.21	17.64	1.47
	GRAND MEAN	7.00	6.31	31.91	4.06
	MIN. MEAN	5.67	4.00	1.73	1.28
	MAX. MEAN	8.33	7.50	62.42	6.94

Vigor = 1-9; 9=Best
 Average Genetic Color = 1-9; 9=Darkest (2 ratings)
 Average Percent Cover = 1-100; 100=Complete Cover (4 ratings)
 Average Turf Quality = 1-9; 9=Best (5 ratings)

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

2010 Data

SPONSOR	CULTIVAR	Est.	Rust	Genetic Color	Density	Average Turf Quality	SPONSOR	CULTIVAR	Est.	Rust	Genetic Color	Density	Average Turf Quality
PST	103-87	6.67	4.67	7.33	7.67	6.78	Rutgers	A98-344	4.67	2.00	7.00	5.33	4.11
PST	K9-105D	6.00	4.33	6.00	8.67	6.44	NexGen	AKB262	5.00	4.00	6.33	5.33	4.11
PST	Green Star (103-585)	6.33	4.67	7.67	6.67	6.44	NexGen	AKB047	5.33	1.33	6.00	6.00	4.11
PST	Endurance (K4-7)	6.33	5.33	6.00	6.67	6.33	NexGen	AKB1661	4.33	1.67	6.67	5.33	4.11
Rutgers	A98-363	5.33	2.33	7.33	6.67	5.89	PSG	A03-3606-8	5.00	1.00	5.67	5.67	4.11
Rutgers	Diva	5.67	2.33	6.33	7.67	5.78	PST	K7-28	4.00	4.00	6.67	5.33	4.00
PSG	A03-351	5.33	2.33	5.67	7.00	5.67	Peak Genetics	Prosperity	5.67	4.00	2.33	1.67	4.00
Rutgers	A06-33	5.67	3.00	6.33	6.33	5.44	PST	K9-87	4.33	2.67	5.00	5.00	4.00
PST	K4-15	6.33	4.33	6.67	6.00	5.33	PSG	A00-1395	3.67	2.33	6.33	7.00	4.00
PST	K9-86	7.67	3.00	5.00	7.00	5.33	Rutgers	A05-894	6.33	1.33	5.67	4.00	4.00
PST	Northside (104-59)	6.33	4.00	5.00	7.33	5.22	NexGen	AKB1012	4.33	2.67	7.00	5.33	4.00
Peak Genetics	A98-210	7.00	1.67	7.00	6.33	5.11	NexGen	AKB1543	5.33	2.00	4.67	5.67	4.00
Rutgers	A96-1338	6.67	3.00	4.67	7.00	5.11	DLF	Futurity	3.67	2.00	6.00	6.33	3.89
PST	K9-99	6.33	2.00	6.00	6.00	5.11	NexGen	AKB510	5.00	1.00	6.67	6.33	3.89
Peak Genetics	A06-19	6.00	3.00	6.67	6.67	5.11	NexGen	AKB1565	5.00	1.67	6.33	4.67	3.89
PSG	A04-383	5.33	2.33	4.67	6.67	5.11	DLF	A04-1417	6.67	1.00	6.33	5.67	3.89
NexGen	AKB434	5.67	2.00	6.67	6.67	5.00	PST	Unique II (102-158)	3.67	2.00	5.67	5.00	3.78
PSG	America	4.00	2.33	6.67	7.33	5.00	DLF	A04-1488	5.67	1.00	5.33	5.33	3.78
PST	1G4-66	7.00	2.33	5.33	3.67	4.89	DLF	Sombrero	5.67	1.67	6.00	4.33	3.78
NexGen	AKB355	6.67	1.33	6.00	6.67	4.89	Peak Genetics	Midnight	4.00	1.00	6.67	5.00	3.78
Rutgers	A06-2	5.00	1.67	6.67	6.67	4.89	Rutgers	A05-201	5.33	1.67	5.00	6.00	3.78
PST	K4-3	5.33	4.33	5.67	5.67	4.78	NexGen	AKB042	5.33	1.67	5.00	6.00	3.78
PST	K9-90	6.00	2.33	5.67	5.33	4.78	NexGen	AKB1010	3.33	2.00	5.67	5.00	3.78
PST	T7-7	4.33	3.33	5.67	6.00	4.78	DLF	A05-297	3.67	2.00	7.00	5.67	3.67
PST	K7-29	5.67	2.00	5.33	5.67	4.78	DLF	A00-2882	6.33	1.67	6.33	4.67	3.67
DLF	Mozart 1	5.33	1.67	3.67	8.00	4.78	NexGen	AKB360	3.33	2.00	6.00	5.00	3.67
Rutgers	A05-314	5.67	1.67	5.67	6.67	4.78	PSG	A05-316	5.00	1.67	5.00	5.33	3.67
NexGen	AKB186	5.67	2.33	4.67	6.67	4.78	PSG	OF-5000	3.67	1.33	3.33	4.67	3.67
Rutgers	A06-8	4.00	2.00	6.00	6.33	4.67	PST	103-651	3.00	2.67	6.33	6.67	3.56
PST	PP-34736	4.67	1.67	5.67	7.00	4.67	DLF	Rythm	4.67	1.00	6.00	5.67	3.56
PST	K8-64	6.33	2.00	5.67	6.33	4.67	PSG	A05-321	4.33	2.00	4.00	4.67	3.56
Peak Genetics	A04-38	8.00	2.00	6.00	6.00	4.67	PSG	Touchdown	4.67	1.00	4.33	5.00	3.56
Rutgers	A03TB-938	6.00	1.00	6.33	5.33	4.67	Peak Genetics	KenBlue	4.33	1.67	3.67	5.67	3.44
NexGen	KH8529	5.67	2.33	6.67	5.00	4.67	PSG	A04-74	3.33	2.33	6.33	5.33	3.44
Rutgers	Bewitched	5.67	2.00	7.67	6.00	4.66	Peak Genetics	Orfeo	4.33	1.00	4.00	5.00	3.44
DLF	A05-354	5.00	2.00	6.67	5.00	4.56	NexGen	AKB049	5.67	1.67	5.00	5.67	3.44
Rutgers	A05-322	4.33	3.00	6.00	7.67	4.56	Peak Genetics	A04-1271	4.00	1.33	4.00	5.33	3.33
DLF	Rhapsody	5.00	1.67	6.67	6.67	4.55	NexGen	Mallard	3.33	2.00	6.00	5.00	3.33
PSG	A05-347	3.33	2.00	7.33	6.00	4.55	DLF	A05-350	5.67	2.00	6.33	4.00	3.33
PST	K9-92	4.33	2.00	4.67	5.67	4.44	PSG	MP07	6.00	1.33	3.67	4.67	3.22
PST	K8-75NO	6.00	2.00	4.67	6.33	4.44	PSG	A03-3	3.00	1.00	5.67	4.00	3.11
NexGen	KH3343	6.00	2.33	4.00	5.33	4.44	NexGen	Baron	4.00	1.00	5.33	4.33	3.11
Peak Genetics	A99-523	4.00	2.67	7.00	7.00	4.34	NexGen	AKB141864	3.67	1.00	6.00	4.67	3.00
Rutgers	A06-632	7.00	1.00	5.00	6.33	4.33	NexGen	AKB953	2.33	1.33	8.00	5.00	2.89
PST	K9-100	3.67	3.33	6.33	6.00	4.33	Peak Genetics	A94MH-94	4.33	1.00	4.67	3.67	2.89
PST	K9-82	3.33	3.00	6.00	6.00	4.33	PSG	A03TB-677	5.00	1.00	6.00	4.00	2.67
Rutgers	Ridgeline	4.33	2.00	6.33	5.67	4.33	CV		23.10	30.34	15.28	14.54	16.91
NexGen	AKB345	4.67	2.00	6.00	7.33	4.33	LSD		1.60	0.86	1.19	1.12	0.98
PST	K8-76NO	6.33	1.33	4.67	5.67	4.22	GRAND MEAN		5.12	2.10	5.77	5.73	4.31
NexGen	AKB363	6.33	1.33	6.00	6.33	4.22	MIN. MEAN		2.33	1.00	2.33	1.67	2.67
NexGen	AKB264	6.67	2.00	6.00	4.33	4.22	MAX. MEAN		8.00	5.33	8.00	8.67	6.78
PST	A07-393	5.33	1.00	5.67	5.00	4.11							
PST	1A4-311	5.33	2.00	6.33	4.00	4.11							
DLF	Shamrock	6.00	2.00	5.33	4.67	4.11							
NexGen	AKB426	5.33	1.67	5.00	4.67	4.11							
DLF	A05-323	4.33	2.00	6.33	6.33	4.11							
PSG	TD08-4	6.00	1.00	5.00	6.00	4.11							

Est. = Establishment = 1-9; 9=Established
 Rust = 1-9; 9=Most Resistant
 Genetic Color = 1-9; 9=Darkest (Nov)
 Density = 1-9; 9=Most Dense
 Average Turf Quality = 1-9; 9=Best (3 ratings)

09CTKB5
 Location: Urbana, Illinois
 Cooperator: Dr. Tom Fermerian

CTBT 2009 Kentucky Bluegrass Turf Trial
 2010 Data

SPONSOR	CULTIVAR	Percent Cover 2009	Percent Cover 2010	Dollar Spot	Average Turf Quality
PST	K9-105D	81.67	90.00	5.00	6.90
DLF	A00-2882	93.33	95.00	21.67	6.90
PSG	A04-383	80.00	97.67	3.33	6.86
Rutgers	A96-1338	91.67	97.67	13.33	6.81
PSG	A03-351	86.67	97.67	3.33	6.81
Peak Genetics	Prosperity	83.33	90.00	30.00	6.76
Rutgers	Diva	90.00	96.33	10.00	6.76
PST	Endurance (K4-7)	83.33	96.33	8.33	6.76
PST	K9-82	78.33	99.00	5.00	6.76
PST	103-651	80.00	96.33	16.67	6.72
PST	K4-3	83.33	97.67	13.33	6.67
Rutgers	A05-322	85.00	88.33	3.33	6.67
PST	Unique II (102-158)	85.00	96.33	0.00	6.66
PST	Green Star (103-585)	83.33	95.00	20.00	6.62
Peak Genetics	A99-523	86.67	91.33	6.67	6.62
Rutgers	A98-344	88.33	94.67	10.00	6.62
Peak Genetics	A94MH-94	85.00	93.33	6.67	6.57
PSG	A03-3606-8	91.67	99.00	23.33	6.57
PST	K7-29	83.33	96.33	16.67	6.57
DLF	A04-1417	73.33	81.67	6.67	6.53
DLF	A04-1488	88.33	89.67	13.33	6.52
DLF	Futurity	73.33	92.67	5.00	6.52
PSG	A00-1395	91.67	96.33	10.00	6.52
Rutgers	A06-33	86.67	95.00	13.33	6.52
DLF	Sombrero	93.33	96.33	8.33	6.48
Peak Genetics	A06-19	76.67	85.00	18.33	6.48
PSG	A03-3	83.33	96.33	20.00	6.48
DLF	Rythm	86.67	97.67	23.33	6.43
DLF	Rhapsody	85.00	96.33	6.67	6.43
Rutgers	A98-363	85.00	96.33	6.67	6.43
NexGen	AKB186	86.67	93.33	13.33	6.43
NexGen	AKB434	85.00	93.33	6.67	6.43
PSG	A05-321	81.67	96.33	11.67	6.43
Rutgers	A05-894	95.00	97.67	15.00	6.43
PST	1A4-311	78.33	94.67	58.33	6.38
PSG	A05-347	80.00	93.33	11.67	6.38
PST	103-87	80.00	94.67	48.33	6.38
PST	K8-75NO	65.00	91.67	15.00	6.38
PST	Northside (104-59)	86.67	97.67	21.67	6.38
PST	K4-15	85.00	93.33	28.33	6.38
NexGen	AKB141864	90.00	99.00	26.67	6.38
PST	PP-34736	88.33	96.33	35.00	6.34
NexGen	AKB042	78.33	79.67	8.33	6.34
PST	K9-100	80.00	91.67	26.67	6.33
Rutgers	A05-201	73.33	94.67	5.00	6.33
DLF	A05-323	73.33	92.67	11.67	6.29
NexGen	AKB510	81.67	96.33	18.33	6.29
Rutgers	A06-632	81.67	96.33	13.33	6.29
PST	A07-393	81.67	88.33	25.00	6.29
PST	K9-99	85.00	96.33	10.00	6.29
NexGen	Mallard	66.67	85.00	6.67	6.29
PSG	A05-316	85.00	97.67	15.00	6.29
PSG	A03TB-677	94.67	97.67	15.00	6.29
NexGen	AKB262	81.67	95.00	15.00	6.28
DLF	Mozart 1	88.33	95.00	8.33	6.24
NexGen	AKB264	86.67	93.00	11.67	6.24
NexGen	AKB355	93.33	97.67	16.67	6.24
NexGen	AKB047	81.67	98.67	18.33	6.24
PSG	America	78.33	94.67	15.00	6.24
PST	K9-92	68.33	96.33	5.00	6.24
Peak Genetics	Midnight	70.00	85.00	26.67	6.24
NexGen	AKB426	93.33	96.33	20.00	6.19
NexGen	KH8529	80.00	93.33	35.00	6.19
Peak Genetics	A04-1271	85.00	94.67	21.67	6.19
NexGen	AKB049	78.33	93.33	10.00	6.19
NexGen	AKB1012	73.33	91.67	23.33	6.19
NexGen	Baron	68.33	86.67	20.00	6.19
Rutgers	A05-314	81.67	93.00	16.67	6.15
PST	K9-90	71.67	91.33	23.33	6.14
Peak Genetics	A04-38	86.67	96.00	11.67	6.14
Rutgers	A03TB-938	85.00	96.33	26.67	6.14
NexGen	AKB363	78.33	94.67	16.67	6.14
Rutgers	A06-8	75.00	88.33	20.00	6.10
DLF	A05-297	78.33	93.33	15.00	6.09
NexGen	KH3343	86.67	94.67	21.67	6.09
NexGen	AKB953	83.33	93.33	20.00	6.09
Peak Genetics	A98-210	78.33	93.33	20.00	6.05
NexGen	AKB360	76.67	89.67	13.33	6.05
PST	K8-76NO	88.33	93.33	20.00	6.05
DLF	Shamrock	78.33	94.33	28.33	6.05
Rutgers	Bewitched	85.00	93.00	18.33	6.05
PST	T7-7	76.67	93.33	50.00	6.00
DLF	A05-350	63.33	86.67	6.67	6.00
Rutgers	A06-2	75.00	96.00	28.33	6.00
NexGen	AKB345	73.33	97.67	23.33	6.00
NexGen	AKB1010	83.33	97.67	35.00	5.95
NexGen	AKB1661	81.67	94.33	33.33	5.95
DLF	A05-354	73.33	86.67	18.33	5.95
PSG	A04-74	75.00	80.00	13.33	5.95
NexGen	AKB1565	76.67	94.67	28.33	5.91
Rutgers	Ridgeline	55.00	80.00	10.00	5.90
PST	K7-28	76.67	91.67	36.67	5.86
PST	K8-64	80.00	96.33	31.67	5.76
PSG	Touchdown	83.33	94.33	13.33	5.72
PST	1G4-66	85.00	93.33	53.33	5.71
PSG	MP07	76.67	97.33	36.67	5.66
PST	K9-86	86.67	91.67	51.67	5.57
PSG	TD08-4	78.33	96.33	21.67	5.57
Peak Genetics	KenBlue	88.33	94.67	50.00	5.52
PST	K9-87	85.00	96.33	26.67	5.47
NexGen	AKB1543	85.00	97.67	25.00	5.38
PSG	OF-5000	83.33	94.67	0.00	4.76
Peak Genetics	Orfeo	70.00	88.33	0.00	3.81
	CV	10.93	5.67	59.71	3.84
	LSD	12.02	7.16	14.91	0.32
	GRAND MEAN	81.53	93.64	18.51	6.23
	MIN. MEAN	55.00	79.67	0.00	3.81
	MAX. MEAN	95.00	99.00	58.33	6.90

Percent Cover 2009 = 0-100; 100=Complete Cover (Oct)
 Percent Cover 2010 = 0-100; 100=Complete Cover (Apr)
 Dollar Spot = Percent Infected; 0=No Infection
 Average Turf Quality = 1-9; 9=Best (7 ratings)

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

2010 Data

SPONSOR	CULTIVAR	Est.	SPONSOR	CULTIVAR	Est.
Rutgers	LW	81.67	DLF	IS-TF 217	66.67
PSG	STR 86QRH	81.67	DLF	IS-TF 227	66.67
Pure Seed	PST-5BGR	81.67	Pure Seed	PST-5SIS	66.67
NexGen	Penn 1901	81.67	Pure Seed	PST-5LIV	66.67
Peak Genetics	KY-31	80.00	Pure Seed	PST-5SXD	66.67
Rutgers	Catalyst	78.33	Pure Seed	Cumberland (PST-5R20)	66.67
Rutgers	Shenandoah III	78.33	Pure Seed	Rain Saver (PST-5SDS)	66.67
PSG	PSG 5908	78.33	NexGen	ATF1571	66.67
Pure Seed	Meridian (PST-5GRB)	76.67	NexGen	ATF1613	66.67
NexGen	Rebel Exeda	76.67	NexGen	ATF1620	66.67
Rutgers	FCE3	75.00	NexGen	ATF1621	66.67
Pure Seed	Swagger (PST-5R05)	75.00	Peak Genetics	PPG-TF 115	65.00
Pure Seed	PST-5MVD	75.00	PSG	PSG 8308	65.00
Rutgers	Rhambler	73.33	PSG	PSG3905	65.00
Rutgers	Falcon IV	73.33	PSG	Crossfire 3	65.00
Peak Genetics	PPG-TF 105	73.33	DLF	IS-TF 197	65.00
Pure Seed	PST-5MCD	73.33	DLF	IS-TF 234C	65.00
NexGen	ATF1570	73.33	NexGen	ATF1566	65.00
Rutgers	6351	71.67	Rutgers	Traverse	63.33
Peak Genetics	Spyder LS	71.67	Rutgers	Shenandoah Elite	63.33
Peak Genetics	Titanium LS	71.67	Peak Genetics	PPG-TF 116	63.33
PSG	PSG 8GRTR	71.67	PSG	PSG 709509	63.33
Pure Seed	PST-5YMY	71.67	DLF	IS-TF 223	63.33
Pure Seed	PST-5DRP	71.67	DLF	IS-TF 225	63.33
Pure Seed	PST-5DVD-07	71.67	Pure Seed	PST-5FDR	63.33
NexGen	Verti (ATF1612)	71.67	Pure Seed	Wolfpack II	63.33
NexGen	ATF1549	71.67	Pure Seed	Coronado TDH	63.33
NexGen	ATF1491	71.67	NexGen	ATF1548	63.33
Rutgers	3rd Millennium	70.00	Peak Genetics	PPG-TF 117	61.67
Rutgers	Finelawn Xpress	70.00	PSG	PSG 08-6	61.67
PSG	PSG 6008	70.00	DLF	IS-TF 233C	61.67
PSG	PSG 82BPRH	70.00	Pure Seed	PST-R5NW	61.67
PSG	PSG 8SP1	70.00	NexGen	ATF1569	61.67
Pure Seed	PST-5SXR	70.00	NexGen	ATF1608	61.67
Pure Seed	Gazelle II	70.00	NexGen	ATF1614	61.67
Pure Seed	PST-5AWT	70.00	NexGen	ATF1550	61.67
Pure Seed	PST-5SLV	70.00	DLF	Essential	60.00
NexGen	ATF1567	70.00	DLF	Bullseye	60.00
NexGen	ATF1568	70.00	Pure Seed	PST-5DKB	60.00
NexGen	ATF1618	70.00	NexGen	ATF1611	60.00
Rutgers	Falcon V	68.33	NexGen	ATF1551	60.00
Peak Genetics	Raptor II	68.33	Peak Genetics	PPG-TF 102	58.33
Peak Genetics	Firecracker LS	68.33	DLF	IS-TF 226	58.33
DLF	IS-TF 224	68.33	Pure Seed	Tarnation GT (PST-5T8E)	58.33
DLF	IS-TF 230B	68.33	DLF	IS-TF 215	56.67
DLF	IS-TF 231C	68.33	DLF	IS-TF 219	56.67
Pure Seed	Rain Dance (PST-5sdt)	68.33	Pure Seed	PST-5V4	56.67
NexGen	ATF1609	68.33	PSG	PSG 07-9	55.00
NexGen	ATF1610	68.33	PSG	PSG 07-5	51.67
NexGen	ATF1547	68.33		CV	13.22
NexGen	ATF1619	68.33		LSD	12.05
Peak Genetics	PPG-TF 101	66.67		GRAND MEAN	67.58
Peak Genetics	PPG-TF 106	66.67		MIN. MEAN	51.67
PSG	Mustang 4	66.67		MAX. MEAN	81.67
PSG	Corona	66.67			

Est. Establishment = 1-100; 100=Established

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

2010 Data

SPONSOR	CULTIVAR	Subjective Ratings				Digital Image Analysis Ratings			
		Est.	Necrotic Ring Spot	Leaf Texture	Average Turf Quality	Average Density	Average Genetic Color	Average Cover	Average Turf Quality
Peak Genetics	A04-38	5.00	6.33	2.67	5.00	5.55	5.44	7.56	6.11
PST	K9-100	3.67	7.33	3.00	5.58	5.44	5.22	7.11	6.00
DLF	A05-354	3.33	8.67	3.00	5.75	5.33	4.67	8.11	6.00
PSG	A04-383	5.33	7.33	3.67	6.17	7.67	2.44	8.78	6.00
NexGen	AKB047	4.67	8.33	5.67	6.33	5.45	4.56	8.22	6.00
NexGen	AKB1012	4.67	8.33	3.67	5.67	5.00	5.22	7.67	6.00
DLF	A04-1417	4.33	7.33	5.67	5.50	5.45	4.00	8.45	5.89
PST	K9-99	4.00	4.33	1.33	4.42	6.22	3.67	7.56	5.89
DLF	Mozart 1	4.67	5.33	6.00	5.33	5.89	3.55	8.11	5.78
Peak Genetics	Midnight	4.00	7.33	4.33	6.33	5.00	4.44	8.00	5.78
PSG	A05-347	5.00	5.67	3.33	5.50	5.33	3.78	8.55	5.78
PST	K8-75NO	4.33	7.00	3.00	5.17	5.33	4.55	7.44	5.67
NexGen	AKB1010	4.33	8.33	3.00	5.50	5.55	4.33	8.44	5.67
Peak Genetics	Prosperity	3.00	8.00	5.00	5.42	5.00	4.22	8.11	5.67
DLF	Rhapsody	4.67	7.67	4.00	6.00	5.44	3.89	7.89	5.67
Peak Genetics	A94MH-94	4.67	6.67	2.67	6.08	6.00	3.55	8.22	5.67
Rutgers	A05-894	4.00	7.00	2.67	5.08	5.56	5.22	6.89	5.67
NexGen	AKB510	3.33	8.33	4.67	5.17	4.22	4.78	8.00	5.67
NexGen	AKB355	5.33	8.33	5.00	6.50	6.00	2.78	8.67	5.67
NexGen	AKB434	4.67	6.67	4.67	6.08	5.67	3.44	8.11	5.67
DLF	A05-323	4.00	7.33	4.00	5.42	5.78	3.56	8.11	5.66
Rutgers	A06-632	5.33	4.00	3.33	4.67	5.11	4.11	7.33	5.56
PST	A07-393	4.33	7.67	4.67	6.17	6.00	3.44	8.00	5.56
PST	PP-34736	4.67	8.00	5.00	5.25	4.45	4.56	7.55	5.56
PST	Unique II (102-158)	4.00	6.33	2.33	4.83	5.66	2.89	8.33	5.56
PST	Green Star (103-585)	3.67	8.67	4.67	5.58	4.45	5.11	7.78	5.56
PST	K7-28	3.00	6.33	4.33	5.75	4.56	4.45	8.33	5.56
DLF	A04-1488	5.00	7.67	7.33	6.42	5.33	3.44	8.78	5.56
DLF	Rythm	4.00	8.33	3.33	5.17	5.11	3.89	8.22	5.56
PSG	A00-1395	4.00	6.33	5.67	5.17	5.33	3.89	8.00	5.56
PSG	A05-316	4.67	8.67	4.67	5.58	5.22	3.78	8.55	5.56
PST	103-651	3.33	7.33	3.67	5.08	4.67	4.89	7.45	5.55
Peak Genetics	A06-19	3.67	5.33	3.00	4.33	4.89	4.00	8.11	5.55
Rutgers	A98-344	3.67	7.67	2.67	4.50	4.44	5.67	6.67	5.55
NexGen	AKB363	4.00	7.67	6.00	5.67	5.78	3.56	8.11	5.55
NexGen	KH8529	4.33	7.33	3.33	5.00	4.56	5.11	7.33	5.55
PSG	A03-3606-8	6.00	9.00	5.33	6.92	4.56	3.45	8.56	5.55
PST	1G4-66	4.33	7.33	4.00	5.17	4.89	5.11	7.22	5.45
PST	Endurance (K4-7)	4.33	8.00	4.33	5.00	5.00	4.33	7.78	5.45
PST	K4-15	4.33	7.00	3.67	5.75	4.67	4.33	7.55	5.45
Rutgers	A06-33	5.67	6.67	3.67	5.75	4.67	4.11	8.22	5.45
PST	103-87	4.33	8.33	6.33	5.42	4.56	4.34	7.78	5.44
PST	K8-76NO	4.00	3.67	4.00	4.33	6.00	2.89	8.22	5.44
PST	K9-86	4.33	6.00	2.00	4.75	5.22	3.89	8.00	5.44
DLF	A05-350	4.33	4.33	3.33	4.75	4.67	4.00	7.78	5.44
DLF	Futurity	3.67	4.33	4.00	4.75	5.00	3.22	8.34	5.44
Rutgers	A96-1338	6.33	9.00	5.67	6.25	5.55	2.89	8.11	5.44
Rutgers	A98-363	4.00	6.67	4.00	5.08	4.89	3.78	7.89	5.44
Rutgers	A05-201	4.33	8.33	4.67	5.17	5.55	3.55	8.00	5.44
Rutgers	A06-2	4.00	5.33	3.33	4.83	4.89	4.44	7.78	5.44
NexGen	AKB360	4.67	7.00	4.33	5.83	5.00	3.67	8.11	5.44
NexGen	KH3343	4.67	7.33	3.33	5.50	5.67	2.67	8.33	5.44
PSG	MP07	4.67	7.67	5.67	5.33	4.89	4.11	7.78	5.44
PSG	A03-3	3.67	7.67	3.33	5.33	5.45	2.67	8.67	5.44
PST	K9-90	4.00	5.33	3.67	4.42	5.00	3.89	7.78	5.34
PST	K8-64	3.67	7.67	4.00	5.25	4.89	3.00	8.33	5.34
Rutgers	A05-314	4.33	7.00	4.33	5.17	5.11	3.55	8.11	5.34
Peak Genetics	KenBlue	4.67	8.33	4.33	4.50	4.55	4.67	7.44	5.33
PST	K9-105D	4.33	7.33	6.67	5.25	3.67	3.78	8.56	5.33

SPONSOR	CULTIVAR	Subjective Ratings				Digital Image Analysis Ratings			
		Est.	Necrotic Ring Spot	Leaf Texture	Average Turf Quality	Average Density	Average Genetic Color	Average Cover	Average Turf Quality
PST	1A4-311	3.00	6.33	3.00	4.50	4.78	4.00	7.78	5.33
DLF	A00-2882	5.00	6.00	3.33	4.92	4.45	5.89	6.33	5.33
PSG	A04-74	4.00	7.00	3.67	5.08	5.44	2.78	8.33	5.33
PSG	TD08-4	3.67	7.00	3.67	4.83	5.45	3.11	7.89	5.33
Rutgers	A03TB-938	4.67	7.33	4.33	5.50	4.78	3.00	8.22	5.33
Rutgers	A06-8	3.33	6.00	3.00	4.42	4.33	4.11	8.00	5.33
NexGen	AKB141864	5.33	8.00	5.33	5.33	4.78	4.22	7.89	5.33
NexGen	AKB1661	5.00	5.67	2.33	5.50	5.44	3.55	7.67	5.33
NexGen	Mallard	3.67	6.33	2.67	4.42	5.22	3.33	8.11	5.33
PSG	OF-5000	5.00	7.00	2.00	4.58	5.22	3.34	8.00	5.33
PST	Northside (104-59)	3.67	6.33	4.00	4.83	5.56	2.67	8.22	5.33
Peak Genetics	A04-1271	4.33	8.33	4.33	5.58	6.00	2.89	8.22	5.33
PSG	America	4.67	7.00	4.67	5.17	5.33	3.22	8.22	5.33
PST	K4-3	4.33	7.33	3.33	5.33	5.00	3.11	8.11	5.22
DLF	Sombrero	6.33	4.33	2.67	5.08	5.78	3.44	7.00	5.22
DLF	Shamrock	4.67	6.00	3.33	4.17	4.44	3.56	7.67	5.22
Peak Genetics	A99-523	3.67	6.33	4.67	4.92	4.78	3.44	8.11	5.22
Rutgers	A05-322	5.67	5.00	4.33	4.75	4.89	3.11	8.33	5.22
NexGen	AKB426	5.33	4.33	4.33	4.83	4.89	3.89	7.55	5.22
NexGen	AKB049	4.33	6.33	5.00	4.92	4.00	4.89	7.56	5.22
PSG	A03TB-677	4.67	8.33	3.67	5.25	4.22	4.00	8.22	5.22
PST	K9-82	3.67	5.33	3.33	4.92	4.56	3.33	7.89	5.22
DLF	A05-297	3.67	7.67	3.33	5.50	3.89	3.89	8.22	5.22
Peak Genetics	A98-210	3.33	5.00	3.00	4.08	4.56	3.89	7.44	5.22
Peak Genetics	Orfeo	4.00	7.33	3.00	4.67	4.56	4.55	7.44	5.22
NexGen	AKB264	4.67	6.67	3.67	4.58	4.56	4.00	8.44	5.22
NexGen	AKB953	4.33	9.00	3.00	4.92	3.67	6.11	6.89	5.22
NexGen	Baron	3.67	6.33	4.00	4.42	4.33	4.56	7.33	5.22
PSG	A05-321	5.67	7.33	5.33	5.83	5.22	3.55	7.89	5.22
PSG	Touchdown	5.33	7.00	3.67	5.00	4.56	3.78	7.78	5.22
PST	K9-92	4.00	4.33	3.00	5.08	4.55	3.44	7.22	5.11
PST	K9-87	3.33	7.00	2.33	5.58	4.33	3.78	8.11	5.11
Rutgers	Ridgeline	3.00	7.00	3.33	4.83	4.78	2.89	8.22	5.11
PST	K7-29	4.00	2.67	3.00	3.83	4.78	4.89	6.56	5.11
Rutgers	Diva	3.67	6.00	3.67	4.17	3.89	3.34	8.22	5.11
Rutgers	Bewitched	5.00	6.00	3.33	5.17	4.22	4.22	7.55	5.11
NexGen	AKB262	3.67	8.33	3.00	4.67	3.67	3.89	7.66	5.11
NexGen	AKB042	3.67	7.33	4.67	5.75	4.11	3.33	8.56	5.11
PST	T7-7	4.00	4.00	4.67	3.83	4.22	3.89	7.45	5.00
NexGen	AKB345	4.67	4.33	6.00	4.33	4.00	5.00	6.89	5.00
NexGen	AKB1543	3.67	5.67	2.67	4.25	4.33	4.78	6.44	5.00
NexGen	AKB1565	4.00	6.33	4.00	4.83	4.00	5.56	6.11	5.00
PSG	A03-351	4.00	4.00	3.00	4.58	5.00	2.89	7.78	5.00
NexGen	AKB186	4.33	4.67	6.00	4.75	3.78	3.22	8.00	4.89
CV		22.67	27.70	23.85	13.63	17.56	22.33	8.59	7.11
LSD		1.32	2.52	1.27	0.95	1.18	1.18	0.91	0.52
GRAND MEAN		4.30	6.74	3.94	5.16	4.96	3.93	7.87	5.43
MIN. MEAN		3.00	2.67	1.33	3.83	3.67	2.44	6.11	4.89
MAX. MEAN		6.33	9.00	7.33	6.92	7.67	6.11	8.78	6.11

Subjective Ratings:

Est. = Establishment = 1-9; 9=Established
 Necrotic Ring Spot = 1-9; 9=Resistant
 Leaf Texture = 1-9; 9=Fine Textured
 Average Turf Quality = 1-9; 9=Best (4 ratings)

Digital Image Analysis Ratings:

Average Density = 1-9; 9=Most Dense (3 ratings)
 Average Genetic Color = 1-9; 9=Darkest (4 ratings)
 Average Cover = 1-9; 9=Complete Cover (3 ratings)
 Average Turf Quality = 1-9; 9=Best (3 ratings)

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

2010 Data

SPONSOR	CULTIVAR	Spring Green Up	Stem Rust	Genetic Color	Average Turf Quality
PSG	A03-3	7.00	7.67	5.33	6.90
Rutgers	Diva	6.33	8.00	3.67	6.48
PST	Endurance (K4-7)	6.67	7.67	5.33	6.43
PSG	A03-3606-8	7.33	7.67	5.33	6.33
NexGen	AKB355	4.67	8.00	4.33	6.29
DLF	A04-1417	5.00	6.67	4.33	6.19
PSG	A05-321	7.33	7.33	3.67	6.19
Rutgers	A06-8	7.67	8.00	5.33	6.14
PST	K9-105D	5.67	7.00	5.67	6.05
DLF	A05-323	7.33	7.33	6.33	6.05
NexGen	AKB434	6.67	7.67	5.67	5.95
DLF	A04-1488	4.00	5.67	3.67	5.95
PSG	A03-351	5.67	6.67	3.67	5.90
Peak Genetics	A06-19	8.00	8.00	4.67	5.81
NexGen	AKB141864	6.67	5.00	5.00	5.81
Rutgers	A96-1338	4.33	7.67	2.33	5.81
Rutgers	A06-2	7.33	8.00	4.67	5.81
DLF	Futurity	7.00	7.67	4.33	5.76
PST	K4-15	5.33	8.00	5.67	5.67
NexGen	AKB345	5.67	7.67	4.00	5.67
PST	T7-7	3.00	7.67	3.67	5.67
PST	K8-64	6.33	7.33	3.00	5.67
Peak Genetics	A94MH-94	6.33	7.67	3.33	5.57
PST	K9-90	6.00	7.67	3.00	5.48
Rutgers	A03TB-938	4.00	7.67	3.67	5.48
Rutgers	A05-894	6.67	7.67	5.33	5.48
PSG	A05-347	8.00	7.67	6.67	5.48
PSG	America	6.33	7.33	4.67	5.47
DLF	Mozart 1	7.00	6.33	2.33	5.43
NexGen	AKB047	5.67	7.00	6.00	5.43
PST	K9-99	5.33	7.33	2.33	5.43
Peak Genetics	A04-38	5.67	6.33	3.67	5.43
NexGen	KH8529	6.33	7.67	6.33	5.43
PSG	MP07	7.33	7.67	3.00	5.38
Rutgers	A05-314	7.33	6.33	4.00	5.38
DLF	A05-354	6.00	8.00	6.33	5.33
NexGen	KH3343	3.67	7.33	3.33	5.29
DLF	Rhapsody	7.00	7.67	4.67	5.28
Rutgers	A05-201	6.67	7.33	3.00	5.28
NexGen	AKB262	8.00	7.67	7.00	5.24
NexGen	AKB049	6.00	7.67	4.33	5.24
NexGen	AKB042	5.00	7.33	4.00	5.24
NexGen	Baron	6.00	7.33	5.00	5.24
PSG	A05-316	6.33	7.67	3.00	5.24
PST	A07-393	6.33	7.67	4.67	5.19
PST	1G4-66	7.00	6.67	5.00	5.19
PST	K9-86	5.33	7.33	3.67	5.19
Peak Genetics	A99-523	6.67	7.67	5.33	5.19
Rutgers	A98-363	7.00	7.33	4.33	5.19
NexGen	AKB186	6.00	4.33	5.00	5.19
Rutgers	A06-33	8.33	8.00	6.00	5.14
NexGen	AKB510	5.33	7.00	6.67	5.14
DLF	Rythm	5.33	7.33	6.00	5.14
NexGen	AKB363	5.00	4.67	4.00	5.10
Peak Genetics	A04-1271	3.33	6.67	2.00	5.09
NexGen	AKB426	7.00	6.33	4.67	5.05
PST	Northside (104-59)	6.67	6.67	2.67	5.05

SPONSOR	CULTIVAR	Spring Green Up	Stem Rust	Genetic Color	Average Turf Quality
DLF	A00-2882	7.33	5.67	5.67	5.05
NexGen	AKB360	5.33	5.67	5.33	5.05
PST	K9-100	6.67	6.67	4.33	5.00
PST	Unique II (102-158)	5.33	7.00	5.67	4.95
PST	K9-92	4.67	6.33	2.33	4.90
PST	K7-28	6.67	7.00	7.33	4.90
DLF	A05-350	8.33	5.00	6.67	4.90
Rutgers	Bewitched	6.33	7.67	5.00	4.90
PSG	A04-383	5.33	7.67	2.33	4.90
PST	103-87	6.00	6.33	5.33	4.86
DLF	Shamrock	6.33	6.67	3.00	4.86
Peak Genetics	Prosperity	7.33	5.67	6.00	4.86
PSG	A00-1395	6.00	7.33	4.33	4.86
Rutgers	A05-322	6.33	6.00	4.33	4.86
PST	K8-75NO	4.67	7.67	2.67	4.81
PST	K9-82	7.00	5.00	3.33	4.81
DLF	A05-297	6.67	6.00	6.00	4.81
PSG	A03TB-677	6.00	8.00	4.00	4.81
PST	Green Star (103-585)	7.00	4.33	7.00	4.81
NexGen	AKB1012	5.67	7.00	6.67	4.76
NexGen	AKB953	7.00	6.67	8.33	4.76
NexGen	Mallard	8.00	6.00	6.67	4.76
PST	K7-29	4.00	7.33	2.67	4.71
PST	K8-76NO	3.00	4.33	2.00	4.67
PST	K4-3	5.00	5.67	4.33	4.67
PST	1A4-311	5.00	7.67	7.33	4.67
Rutgers	A98-344	7.00	7.33	7.33	4.67
PSG	OF-5000	5.67	5.00	1.67	4.66
PSG	A04-74	7.33	7.33	8.00	4.62
Peak Genetics	Midnight	5.33	7.00	6.00	4.62
PSG	Touchdown	7.00	3.67	3.67	4.62
DLF	Sombbrero	5.67	5.00	2.67	4.62
Rutgers	A06-632	5.33	6.33	1.67	4.57
NexGen	AKB264	6.00	6.00	6.33	4.57
Peak Genetics	A98-210	7.00	8.00	5.00	4.52
NexGen	AKB1010	6.00	6.67	5.33	4.52
Rutgers	Ridgeline	5.33	6.00	5.67	4.48
PSG	TD08-4	7.00	4.33	1.33	4.38
Peak Genetics	Orfeo	6.33	4.00	1.67	4.33
PST	PP-34736	5.00	3.33	3.33	4.24
NexGen	AKB1661	5.67	7.33	3.00	4.24
Peak Genetics	KenBlue	6.00	7.67	4.00	4.19
PST	K9-87	6.33	3.67	4.67	4.19
PST	103-651	6.00	5.67	7.00	3.95
NexGen	AKB1543	7.00	5.33	2.33	3.90
NexGen	AKB1565	6.67	5.33	4.67	3.86
CV		14.06	13.03	18.97	10.66
LSD		1.16	1.18	1.16	0.74
GRAND MEAN		6.13	6.73	4.55	5.16
MIN. MEAN		3.00	3.33	1.33	3.86
MAX. MEAN		8.33	8.00	8.33	6.90

Spring Green Up = 1-9; 9=Darkest
 Stem Rust = 1-9; 9=Most Resistant
 Genetic Color = 1-9; 9=Darkest
 Average Turf Quality = 1-9; 9=Best

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

2010 Data

SPONSOR	CULTIVAR	Est.	Average Turf Quality
PSG	A03-3	8.00	6.96
Peak Genetics	Midnight	6.33	6.54
Peak Genetics	Prosperity	7.00	6.50
PSG	A03-3606-8	7.00	6.46
PST	Green Star (103-585)	7.67	6.42
Rutgers	A98-363	7.33	6.29
Peak Genetics	A06-19	7.67	6.25
PSG	A00-1395	7.33	6.25
Rutgers	A06-8	6.33	6.25
NexGen	AKB047	6.33	6.25
NexGen	AKB434	7.00	6.21
Rutgers	A98-344	7.33	6.21
PSG	A05-347	7.00	6.21
DLF	Rythm	6.67	6.13
Rutgers	A06-33	7.33	6.13
Rutgers	Bewitched	7.00	6.08
Peak Genetics	A94MH-94	7.00	6.05
DLF	A04-1488	7.33	6.04
Rutgers	A05-322	7.00	6.04
PST	K4-3	6.33	6.00
Rutgers	Diva	7.33	6.00
PST	1A4-311	6.33	6.00
NexGen	AKB510	5.67	6.00
PST	K9-105D	6.33	5.96
PST	K9-90	6.33	5.92
PST	K4-15	6.33	5.92
NexGen	KH8529	7.33	5.92
DLF	Rhapsody	6.67	5.84
NexGen	AKB262	6.67	5.84
PST	PP-34736	7.00	5.83
PST	103-87	6.67	5.79
PSG	America	7.00	5.79
DLF	A00-2882	7.33	5.71
NexGen	AKB141864	6.67	5.71
NexGen	AKB355	6.67	5.67
PSG	A03-351	6.33	5.67
DLF	Futurity	6.33	5.63
Peak Genetics	A99-523	6.33	5.59
NexGen	AKB345	6.33	5.59
PST	Endurance (K4-7)	5.67	5.58
PST	103-651	6.00	5.54
Peak Genetics	A04-38	7.00	5.54
PSG	A04-383	7.00	5.50
Rutgers	A05-314	6.00	5.50
DLF	A05-297	5.33	5.46
PST	K7-28	6.67	5.42
DLF	A04-1417	6.33	5.42
Rutgers	A96-1338	6.67	5.42
Rutgers	A05-894	7.33	5.42
Peak Genetics	A04-1271	7.67	5.42
PST	T7-7	7.33	5.38
Rutgers	A03TB-938	7.33	5.38
PST	Northside (104-59)	7.33	5.34
DLF	A05-354	6.33	5.34
Peak Genetics	A98-210	6.00	5.33
NexGen	Mallard	6.33	5.29

SPONSOR	CULTIVAR	Est.	Average Turf Quality
PSG	A05-321	6.33	5.29
PST	K9-100	7.00	5.21
PSG	A05-316	5.67	5.21
PST	1G4-66	7.00	5.21
PST	K9-99	6.67	5.21
Rutgers	A05-201	7.00	5.21
NexGen	AKB049	7.00	5.21
PST	K9-92	6.67	5.17
NexGen	AKB042	6.33	5.17
Rutgers	A06-2	6.00	5.13
PST	K8-76NO	6.33	5.13
PST	K9-86	6.00	5.13
NexGen	AKB1565	6.33	5.13
PST	K9-82	6.67	5.09
Rutgers	A06-632	7.67	5.05
DLF	A05-323	5.67	5.05
PSG	A03TB-677	7.67	5.04
PST	K7-29	6.33	5.00
PST	K8-64	6.67	5.00
DLF	Shamrock	7.33	5.00
NexGen	AKB953	5.00	5.00
PSG	MP07	6.33	4.96
NexGen	AKB186	6.33	4.96
DLF	Sombrero	7.67	4.92
NexGen	Baron	6.00	4.92
NexGen	AKB1010	5.33	4.92
PSG	A04-74	4.33	4.84
PST	A07-393	6.33	4.79
NexGen	AKB360	5.00	4.79
PST	K8-75NO	6.67	4.75
PST	Unique II (102-158)	6.33	4.75
DLF	Mozart 1	6.33	4.75
NexGen	AKB264	6.67	4.71
NexGen	KH3343	7.33	4.71
DLF	A05-350	5.67	4.67
PST	K9-87	5.67	4.63
NexGen	AKB1012	5.67	4.63
NexGen	AKB426	5.33	4.63
NexGen	AKB363	5.67	4.59
NexGen	AKB1661	5.00	4.59
PSG	Touchdown	6.33	4.50
Rutgers	Ridgeline	6.00	4.42
PSG	OF-5000	6.00	4.17
Peak Genetics	KenBlue	6.00	3.92
PSG	TD08-4	5.33	3.92
NexGen	AKB1543	5.33	3.55
Peak Genetics	Orfeo	5.00	3.42
CV		11.18	8.31
LSD		0.98	0.60
GRAND MEAN		6.50	5.38
MIN. MEAN		4.33	3.42
MAX. MEAN		8.00	6.96

Est. = Establishment = 1-9; 9=Established
 Average Turf Quality = 1-9; 9=Best (8 ratings)

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

2010 Data

SPONSOR	CULTIVAR	Est.	Crown Rust	Powdery Mildew	Density	Average Turf Quality
PSG	A04-383	6.33	4.67	6.67	8.33	7.42
PST	K4-3	6.33	8.33	8.00	8.00	7.08
Rutgers	Diva	6.67	3.67	5.67	8.33	7.00
PST	K9-105D	5.67	8.33	8.33	8.00	7.00
PST	103-87	6.33	8.00	8.00	7.00	6.67
Rutgers	A96-1338	6.33	4.67	6.33	7.33	6.63
Peak Genetics	Prosperity	4.67	8.33	7.33	8.67	6.59
PST	K9-100	5.67	8.00	8.00	8.33	6.42
PST	K9-90	5.33	6.33	6.33	7.00	6.25
Rutgers	A06-33	6.33	5.00	7.33	6.67	6.25
PST	1A4-311	6.33	7.67	6.67	7.33	6.21
PST	Northside (104-59)	4.67	7.67	8.33	7.33	6.17
PSG	A00-1395	5.67	4.33	6.33	7.00	6.17
Rutgers	A05-322	6.33	3.33	6.67	7.33	6.17
Rutgers	A98-363	6.33	5.33	7.00	6.67	6.13
PSG	A03-351	5.33	5.67	6.33	7.67	6.05
Peak Genetics	A99-523	6.00	5.00	7.00	7.00	6.04
PST	Endurance (K4-7)	3.67	6.67	4.33	6.33	6.00
Rutgers	Bewitched	4.67	5.67	3.67	6.00	6.00
PST	K7-29	4.67	6.00	6.00	6.33	5.96
DLF	Futurity	5.33	4.33	6.33	6.67	5.96
Peak Genetics	A06-19	7.00	7.00	2.33	6.33	5.96
NexGen	AKB262	5.67	8.33	6.67	6.33	5.92
PST	K9-82	4.00	8.00	7.67	6.67	5.92
PST	T7-7	5.00	6.33	2.00	7.00	5.88
DLF	Rhapsody	5.33	4.67	5.67	6.67	5.88
PST	103-651	4.67	7.33	3.67	7.33	5.84
Rutgers	A06-8	4.33	4.67	6.33	6.33	5.80
PST	Green Star (103-585)	6.00	8.33	4.67	6.00	5.75
DLF	Mozart 1	5.33	6.00	3.33	8.33	5.75
Rutgers	A05-201	5.00	6.00	4.00	5.67	5.71
Rutgers	A06-632	5.67	4.33	6.00	6.67	5.67
PST	K4-15	5.33	7.00	7.33	6.33	5.67
PSG	America	5.67	3.00	6.67	6.33	5.63
NexGen	AKB434	4.33	6.00	6.33	6.33	5.59
NexGen	KH3343	4.67	6.00	2.67	5.67	5.58
Peak Genetics	A04-1271	5.00	4.67	7.33	7.33	5.54
NexGen	AKB042	3.67	5.33	6.33	7.67	5.54
Peak Genetics	A04-38	5.67	5.67	3.67	5.67	5.50
PSG	A05-316	4.67	5.67	3.00	5.33	5.50
PST	K9-87	7.00	5.67	5.00	6.67	5.46
PSG	A03-3606-8	5.67	4.67	6.67	5.67	5.46
PSG	A03-3	4.33	5.67	6.33	6.00	5.42
DLF	A04-1488	6.00	4.00	4.67	6.33	5.29
PST	K9-92	3.67	6.67	4.33	5.33	5.25
Peak Genetics	A98-210	6.67	5.00	4.67	6.33	5.25
PST	K9-99	4.00	5.67	4.67	5.67	5.21
PSG	A05-347	5.33	4.00	6.00	5.67	5.17
PST	K8-75NO	4.67	5.33	5.00	5.67	5.13
Rutgers	A05-894	5.33	5.67	3.67	4.67	5.08
NexGen	KH8529	4.33	6.67	3.00	5.33	4.96
PST	Unique II (102-158)	5.67	6.67	3.00	5.67	4.80
NexGen	AKB141864	5.67	4.67	7.67	5.00	4.79
DLF	A05-297	3.00	4.00	6.00	5.67	4.75
PST	K8-64	5.00	6.33	4.33	4.00	4.71
Rutgers	Ridgeline	2.33	6.67	6.33	5.00	4.71

SPONSOR	CULTIVAR	Est.	Crown Rust	Powdery Mildew	Density	Average Turf Quality
Peak Genetics	KenBlue	7.33	4.33	7.00	5.67	4.67
DLF	A04-1417	6.00	3.00	5.33	5.67	4.67
DLF	A05-354	4.00	5.00	7.33	4.67	4.67
DLF	Shamrock	6.00	4.67	2.67	4.33	4.63
Rutgers	A06-2	5.00	4.00	6.33	5.00	4.63
PST	K8-76NO	3.33	4.67	5.33	6.67	4.59
Rutgers	A98-344	6.33	4.33	6.33	4.67	4.59
NexGen	AKB049	6.00	4.33	4.00	7.00	4.59
DLF	A05-323	3.33	5.00	6.00	5.67	4.55
PSG	A04-74	3.33	6.00	5.00	4.67	4.50
NexGen	AKB186	4.67	4.67	4.67	5.67	4.50
Rutgers	A05-314	6.00	3.67	7.00	4.67	4.38
PSG	MP07	4.67	5.00	7.33	5.33	4.38
PSG	A03TB-677	7.00	3.33	6.33	5.67	4.38
NexGen	AKB345	4.67	5.00	3.00	4.67	4.34
PST	A07-393	6.00	3.33	2.00	5.00	4.29
PST	K7-28	5.67	6.67	3.67	4.00	4.25
NexGen	AKB264	3.00	4.67	7.00	3.67	4.17
PST	K9-86	6.00	5.00	4.00	4.00	4.13
DLF	Sombrero	5.33	5.33	4.00	3.67	3.96
PST	1G4-66	4.33	6.67	5.33	3.67	3.96
DLF	A00-2882	5.33	4.00	6.67	3.67	3.96
Peak Genetics	A94MH-94	6.33	3.67	3.00	5.00	3.79
PSG	A05-321	4.67	4.33	7.00	3.33	3.75
NexGen	AKB1010	3.33	5.33	6.00	4.33	3.71
PSG	Touchdown	7.00	4.33	7.33	3.67	3.58
NexGen	AKB355	6.00	6.33	1.33	4.67	3.50
NexGen	Mallard	2.33	4.67	6.33	3.67	3.38
DLF	A05-350	3.33	5.67	7.67	2.33	3.30
PST	PP-34736	6.00	5.33	3.00	2.33	3.29
PSG	TD08-4	3.00	4.67	6.67	3.33	3.25
NexGen	AKB1565	3.00	4.33	5.00	3.33	3.21
NexGen	AKB426	5.33	5.00	2.33	2.33	3.09
Peak Genetics	Orfeo	3.67	5.67	6.67	2.67	2.92
NexGen	AKB1012	4.67	5.33	2.33	3.67	2.92
NexGen	Baron	6.33	5.00	2.00	3.33	2.92
NexGen	AKB363	5.00	4.67	2.33	3.00	2.88
NexGen	AKB953	4.00	6.33	1.67	2.00	2.84
PSG	OF-5000	4.33	4.33	6.67	2.67	2.84
NexGen	AKB1543	2.33	4.00	3.67	3.33	2.75
NexGen	AKB360	3.00	6.00	3.33	2.67	2.50
NexGen	AKB510	4.67	5.67	2.33	2.67	2.46
DLF	Rythm	6.33	6.33	1.67	2.00	2.25
NexGen	AKB047	5.67	6.00	2.33	2.33	2.25
Peak Genetics	Midnight	4.33	6.00	1.33	3.00	2.13
Rutgers	A03TB-938	7.33	6.33	1.00	2.00	2.13
NexGen	AKB1661	2.67	6.00	2.33	2.00	1.92
CV		23.58	17.20	17.37	22.53	14.23
LSD		1.61	1.27	1.20	1.62	0.92
GRAND MEAN		5.07	5.46	5.14	5.33	4.80
MIN. MEAN		2.33	3.00	1.00	2.00	1.92
MAX. MEAN		7.33	8.33	8.33	8.67	7.42

Est. = Establishment = 1-9; 9=Established
Crown Rust = 1-9; 9=Most Resistant
Powdery Mildew = 1-9; 9=Most Resistant
Density = 1-9; 9=Most Dense
Average Turf Quality = 1-9; 9=Best (8 ratings)

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

2010 Data

SPONSOR	CULTIVAR	Subjective Ratings		Digital Image Analysis Ratings				
		Rust	Turf Quality	Average Percent Cover	Average Cover	Average Genetic Color	Average Density	Average Turf Quality
Peak Genetics	Prosperity	8.33	3.33	63.38	8.75	6.83	6.58	6.50
DLF	A05-354	7.33	4.67	91.84	9.00	6.75	6.42	6.42
Rutgers	A98-344	4.67	4.33	84.87	8.58	7.25	5.33	6.25
PST	K4-3	6.67	4.33	76.38	8.75	5.67	6.83	6.17
PST	K4-15	7.00	2.67	72.74	8.25	6.75	5.58	6.17
PST	1A4-311	6.00	2.67	50.28	8.42	6.67	5.67	6.08
PST	103-651	6.67	3.00	55.89	7.67	7.08	5.92	6.00
NexGen	AKB434	6.33	3.00	67.17	8.67	5.42	6.75	6.00
DLF	A04-1488	4.00	2.33	68.94	8.42	5.58	5.92	5.92
PSG	A04-74	4.33	3.67	76.59	8.42	6.50	5.42	5.92
Peak Genetics	Midnight	2.00	4.33	85.37	8.75	6.17	5.58	5.92
PST	Endurance (K4-7)	6.00	3.00	65.56	8.42	6.25	5.25	5.83
DLF	A05-297	4.67	2.00	69.17	8.58	6.17	5.17	5.83
Rutgers	Bewitched	4.67	4.00	83.11	8.42	5.83	5.92	5.83
PSG	A05-347	4.00	2.33	62.41	8.58	6.25	5.75	5.83
Rutgers	A98-363	6.00	4.67	89.79	8.42	5.75	5.50	5.75
NexGen	AKB047	2.00	3.67	81.91	8.83	5.92	5.00	5.75
PST	Green Star (103-585)	9.00	1.33	40.70	8.67	6.17	5.00	5.67
Rutgers	A06-8	4.00	2.33	72.02	8.58	5.75	5.33	5.67
NexGen	Mallard	5.67	2.00	64.67	8.33	5.67	5.58	5.67
PST	Unique II (102-158)	7.00	2.67	68.34	8.58	5.25	6.00	5.58
DLF	A04-1417	2.67	4.33	82.74	8.08	5.50	5.50	5.58
PST	K7-29	5.67	1.67	68.04	7.75	4.75	6.58	5.50
PST	K7-28	6.33	1.67	42.64	8.25	5.67	5.00	5.50
DLF	Rythm	2.33	3.67	76.88	8.42	5.92	4.92	5.50
DLF	Futurity	6.00	2.67	60.04	8.42	5.25	5.50	5.50
Peak Genetics	A99-523	4.67	3.33	86.23	8.50	5.08	5.50	5.50
Rutgers	Diva	5.00	2.00	64.04	8.58	5.17	5.58	5.50
PSG	A00-1395	5.67	1.33	46.28	8.42	5.00	5.50	5.50
Rutgers	A06-2	4.00	2.67	67.01	8.33	5.42	5.42	5.50
NexGen	AKB510	3.00	4.33	84.41	8.50	5.58	4.75	5.50
PSG	A03-3	4.67	4.00	91.11	8.50	5.67	4.67	5.50
PST	K9-90	5.67	2.00	64.79	7.92	5.33	5.92	5.42
PST	PP-34736	5.33	2.67	50.06	8.42	4.83	5.67	5.42
PST	K9-92	5.00	3.33	75.97	7.92	5.08	5.83	5.42
DLF	A00-2882	4.00	4.00	76.07	8.33	5.83	4.92	5.42
DLF	A05-350	6.33	3.67	79.02	8.42	5.92	4.92	5.42
Rutgers	A06-33	7.67	2.33	66.14	8.75	5.58	4.58	5.42
NexGen	AKB262	8.67	3.00	79.38	8.17	5.83	4.50	5.42
NexGen	AKB953	2.00	4.33	70.66	7.67	6.33	4.75	5.42
PST	K9-99	5.33	4.33	75.26	7.83	4.83	5.67	5.33
PST	K8-75NO	4.67	4.33	79.38	7.75	5.08	5.92	5.33
Peak Genetics	A94MH-94	3.67	3.33	85.77	8.25	5.00	5.58	5.33
NexGen	AKB264	6.33	2.67	64.98	8.17	5.67	4.92	5.33
PST	K9-105D	6.00	2.67	70.03	8.25	5.75	4.42	5.25
PST	K8-76NO	3.00	2.67	67.00	8.25	4.58	5.83	5.25
PST	K9-100	5.33	4.33	69.77	6.67	5.33	5.75	5.25
DLF	A05-323	4.67	3.33	77.93	8.00	5.08	5.08	5.25
Peak Genetics	A06-19	4.67	2.33	56.91	8.17	5.17	4.75	5.25
Rutgers	A05-314	3.67	2.67	68.04	8.50	5.42	4.83	5.25
PSG	A03-3606-8	5.00	3.67	88.20	8.50	5.42	4.42	5.25
PSG	A03-351	5.67	2.67	77.28	8.17	4.75	5.67	5.25
PST	103-87	6.67	1.33	57.34	8.08	5.83	4.50	5.17
DLF	Sombrero	4.00	3.67	60.27	7.83	4.67	5.50	5.17
Rutgers	A05-322	5.00	2.33	58.78	8.00	4.75	5.17	5.17
NexGen	AKB360	3.67	2.67	67.34	8.17	5.08	5.17	5.17
NexGen	AKB1010	4.33	1.67	37.75	8.42	5.08	4.67	5.17
NexGen	Baron	4.00	3.33	69.93	7.75	5.00	5.25	5.17

SPONSOR	CULTIVAR	Subjective Ratings		Digital Image Analysis Ratings				
		Rust	Turf Quality	Average Percent Cover	Average Cover	Average Genetic Color	Average Density	Average Turf Quality
PSG	A05-321	3.33	3.33	64.54	8.58	4.75	5.33	5.17
PST	T7-7	6.67	2.00	53.43	7.50	5.00	4.58	5.08
Peak Genetics	A98-210	5.67	1.67	38.68	8.33	5.17	4.50	5.08
Rutgers	A05-894	6.00	5.00	76.46	7.67	5.25	4.58	5.00
NexGen	AKB355	4.33	3.33	73.94	8.33	4.50	4.67	5.00
PST	K8-64	4.67	1.67	44.05	7.92	4.42	5.00	4.92
DLF	Rhapsody	4.33	3.00	76.46	8.00	4.75	4.92	4.92
Rutgers	A05-201	4.33	2.67	68.40	8.08	4.33	5.17	4.92
NexGen	AKB426	5.67	3.33	76.37	8.33	4.33	5.00	4.92
NexGen	AKB042	5.00	2.00	60.76	7.08	4.92	5.00	4.92
PST	A07-393	3.67	4.00	76.96	7.92	4.67	5.00	4.83
NexGen	AKB049	5.00	2.00	51.73	7.42	5.00	4.67	4.83
PST	K9-86	4.33	1.33	49.12	7.75	4.50	4.50	4.75
Peak Genetics	A04-38	5.00	3.33	64.43	7.17	4.33	5.08	4.75
PSG	A05-316	3.67	2.67	68.14	7.17	4.58	5.17	4.75
PSG	A03TB-677	4.00	2.00	66.61	7.67	4.83	4.17	4.75
Rutgers	A96-1338	5.00	2.00	55.85	8.67	3.75	4.17	4.67
PSG	A04-383	6.33	5.00	88.30	6.67	4.50	5.00	4.67
NexGen	KH8529	6.33	3.33	65.15	7.17	4.92	4.58	4.67
NexGen	AKB345	5.00	1.00	38.84	7.58	4.67	4.42	4.67
PSG	Touchdown	3.33	1.67	46.98	7.42	4.50	4.92	4.67
DLF	Mozart 1	6.33	1.67	36.89	7.83	3.67	5.08	4.58
DLF	Shamrock	3.00	2.00	57.34	7.25	4.25	5.17	4.58
Rutgers	Ridgeline	6.67	1.67	57.01	7.00	4.92	4.83	4.58
Rutgers	A03TB-938	1.67	3.00	68.75	7.67	4.42	4.50	4.58
NexGen	AKB141864	5.00	3.00	64.07	7.75	4.42	4.33	4.58
PSG	OF-5000	4.67	2.33	58.93	7.50	4.00	4.92	4.58
Rutgers	A06-632	3.33	2.33	55.51	7.00	4.00	5.58	4.50
PST	1G4-66	6.33	1.00	49.05	6.92	4.83	4.08	4.50
PST	K9-87	6.67	3.33	48.15	6.50	4.75	4.25	4.50
NexGen	AKB363	4.33	2.33	54.00	7.92	3.83	4.83	4.50
NexGen	AKB1012	3.67	2.00	48.13	6.67	5.50	4.58	4.50
PSG	America	4.33	2.33	76.78	7.25	4.25	4.42	4.50
Peak Genetics	KenBlue	3.33	4.00	69.99	6.50	4.83	4.08	4.42
NexGen	AKB1565	4.33	1.00	31.17	7.17	4.58	4.67	4.42
PST	Northside (104-59)	6.33	2.00	57.14	7.25	3.67	4.42	4.33
NexGen	KH3343	6.33	4.33	78.61	6.92	4.33	4.08	4.33
PSG	MP07	4.67	2.67	73.03	6.75	4.17	4.50	4.33
PST	K9-82	6.33	4.00	70.25	6.17	4.42	4.83	4.25
NexGen	AKB1661	3.00	4.67	82.36	5.42	4.50	5.75	4.25
PSG	TD08-4	4.00	2.33	65.94	6.83	3.33	4.58	4.08
Peak Genetics	Orfeo	4.33	1.67	42.33	6.58	3.58	4.58	4.08
NexGen	AKB186	5.67	1.00	47.71	6.50	4.08	4.25	4.08
Peak Genetics	A04-1271	5.67	3.67	79.80	5.25	3.33	4.08	3.50
NexGen	AKB1543	4.33	1.00	36.75	4.17	2.83	3.83	2.83
CV		20.78	32.49	20.03	6.68	8.63	9.81	7.61
LSD		1.40	1.25	17.76	0.71	0.59	0.67	0.53
GRAND MEAN		4.98	2.84	65.72	7.83	5.09	5.09	5.13
MIN. MEAN		1.67	1.00	31.17	4.17	2.83	3.83	2.83
MAX. MEAN		9.00	5.00	91.84	9.00	7.25	6.83	6.50

Subjective Ratings
Rust = 1-9; 9=Resistant
Turf Quality = 1-9; 9=Best

Digital Analysis Ratings
Average Percent Cover = 1-100; 100=Complete Cover
Average Cover = 1-9; 9=Complete Cover
Average Genetic Color = 1-9; 9=Darkest
Average Density = 1-9; 9=Most Dense
Average Turf Quality = 1-9; 9=Best

CTBT: 2009 Data

2010 Data

Kentucky Bluegrass Turf Trial - Quality Ratings Prior to Drought

Location: Albany, Oregon

Cooperator: Kenneth Hignight

SPONSOR	CULTIVAR	Digital Image Analysis Ratings								
		Est.	Winter Cover	Winter Genetic Color	Winter Density	Winter Turf Quality	Average Cover	Average Genetic Color	Average Density	Average Turf Quality
Rutgers	Ridgeline	51.40	5.83	6.17	4.17	5.50	8.20	7.47	5.57	7.30
Peak Genetics	Prosperity	99.33	6.50	7.00	5.83	7.00	8.37	7.87	5.07	7.20
PST	Unique II (102-158)	99.50	6.17	5.83	4.67	5.67	8.37	7.07	5.40	7.00
DLF	Rhapsody	97.47	6.50	7.17	4.67	6.67	8.30	6.67	5.80	7.00
NexGen	Mallard	92.67	7.17	8.00	4.00	6.83	8.30	7.40	5.10	7.00
PST	K7-29	89.57	5.83	6.17	7.33	6.83	8.03	5.90	7.00	6.97
PSG	A04-74	84.33	6.67	7.67	4.50	6.67	8.17	7.90	4.80	6.97
PSG	A00-1395	98.30	5.67	5.33	6.33	6.17	8.30	6.60	5.83	6.97
PSG	A05-347	95.33	6.67	7.33	4.33	6.50	8.23	7.27	5.10	6.97
DLF	A05-354	90.13	6.83	8.67	5.50	7.83	8.27	8.10	4.57	6.93
Peak Genetics	A99-523	97.43	5.83	5.17	6.00	6.00	8.30	6.30	6.17	6.93
Rutgers	A05-322	99.17	5.67	5.33	6.00	6.00	8.13	6.47	5.87	6.87
NexGen	AKB1012	77.40	5.83	6.67	3.50	5.50	8.03	7.40	5.03	6.87
PST	K9-99	79.30	5.50	6.00	7.17	6.67	7.83	5.83	6.73	6.83
DLF	A05-297	94.67	6.50	7.50	4.67	6.67	8.10	7.90	4.53	6.83
Rutgers	Bewitched	98.47	6.17	7.17	5.33	6.67	8.07	7.20	5.13	6.83
PSG	America	97.83	6.50	5.83	5.17	6.17	8.17	6.37	5.73	6.83
PST	K8-76NO	92.77	5.00	5.17	6.17	5.83	8.03	6.00	6.57	6.80
DLF	A05-350	97.60	7.17	8.17	5.50	7.67	8.43	7.13	4.77	6.80
DLF	Futurity	97.23	5.83	5.50	5.33	5.67	8.17	6.60	5.83	6.80
Peak Genetics	Midnight	91.70	6.83	6.83	6.17	7.17	8.10	6.97	5.20	6.80
Rutgers	A06-2	99.23	5.83	7.00	6.00	6.67	8.23	7.03	5.33	6.80
DLF	Rythm	97.33	7.00	7.00	5.33	7.00	8.23	7.13	4.83	6.77
Peak Genetics	A06-19	80.53	6.50	7.83	4.50	7.00	8.23	6.87	5.20	6.77
NexGen	AKB262	90.07	6.83	8.00	4.50	6.83	7.73	7.27	5.30	6.77
NexGen	AKB953	92.13	5.67	7.17	2.83	5.33	8.13	7.87	4.70	6.77
Rutgers	Diva	96.33	5.83	6.33	4.50	5.67	8.23	6.67	5.47	6.73
Peak Genetics	A98-210	87.27	6.50	7.17	4.33	6.50	8.37	6.80	5.07	6.70
PSG	A05-321	98.23	5.83	6.00	5.33	6.33	8.10	6.20	5.97	6.70
PST	Green Star (103-585)	95.47	6.67	8.67	4.00	7.00	8.40	7.77	4.10	6.67
PST	K8-75NO	78.17	5.83	6.17	6.33	6.67	7.90	5.93	6.53	6.63
PST	K7-28	74.70	6.33	7.67	4.33	6.50	8.10	7.20	4.90	6.63
Rutgers	A06-8	94.60	6.50	7.33	5.17	6.67	8.23	6.70	5.17	6.63
DLF	A00-2882	98.93	7.33	7.67	5.17	7.33	8.17	7.07	4.97	6.60
PST	K9-90	78.47	6.33	6.83	5.83	6.83	7.77	6.67	5.50	6.57
NexGen	AKB1010	89.80	5.67	6.33	4.17	5.67	8.07	6.90	5.23	6.57
NexGen	AKB510	95.60	7.00	7.00	5.67	7.00	8.00	6.87	4.73	6.50
NexGen	AKB264	96.97	6.17	7.33	3.67	6.17	7.90	7.13	4.93	6.50
PST	Endurance (K4-7)	87.77	5.83	6.17	4.67	5.83	7.90	6.77	5.03	6.47
NexGen	AKB434	94.83	7.83	8.00	4.00	7.33	8.13	6.50	4.93	6.47
NexGen	AKB1661	84.73	6.50	7.50	5.50	7.17	7.40	6.27	6.17	6.47
PSG	A05-316	96.67	5.67	7.00	4.67	6.17	8.13	6.23	5.47	6.47
DLF	A04-1417	99.13	5.67	5.50	6.83	6.33	7.83	6.43	5.53	6.43
DLF	A05-323	95.40	6.17	7.00	5.00	6.33	8.10	6.93	4.83	6.43
NexGen	AKB047	92.07	7.17	6.50	6.00	7.00	7.97	6.70	4.87	6.43
Peak Genetics	A04-38	96.67	5.83	6.33	5.17	6.17	8.10	5.93	5.50	6.40
NexGen	AKB360	84.20	6.33	6.83	5.50	6.83	8.07	6.50	5.10	6.40
DLF	A04-1488	99.23	5.50	5.50	6.67	6.33	7.83	6.60	5.10	6.37
DLF	Sombrero	99.27	7.00	6.33	6.17	7.00	8.20	5.77	6.03	6.37
Peak Genetics	A94MH-94	97.97	6.33	6.33	5.83	6.67	7.97	6.47	5.10	6.37
Rutgers	A98-344	96.33	5.17	6.17	4.33	5.33	7.23	7.20	5.07	6.37
Rutgers	A06-33	98.87	6.33	7.00	3.83	6.00	8.33	6.93	4.40	6.37
NexGen	AKB355	99.20	6.33	7.33	5.33	6.83	8.07	6.63	4.90	6.33
PST	1G4-66	94.53	6.00	6.67	4.67	6.17	7.87	6.33	5.07	6.30
PST	K4-3	97.10	6.50	7.67	5.33	7.17	8.00	6.07	5.37	6.30
PST	K9-92	73.17	4.00	5.50	6.00	5.33	7.23	5.73	6.43	6.30
PST	K9-86	98.60	5.00	5.67	4.83	5.17	7.77	6.23	5.33	6.30
NexGen	AKB426	97.30	6.83	8.00	2.50	6.17	8.23	6.50	4.67	6.30
NexGen	KH8529	96.83	5.33	7.50	5.17	6.17	7.90	6.77	4.53	6.30
PST	K9-87	90.17	7.00	7.00	4.17	6.33	7.53	6.20	5.33	6.17
DLF	Mozart 1	89.13	5.67	4.67	6.50	6.00	8.07	4.67	5.80	6.17
Rutgers	A05-314	99.07	6.67	6.67	4.83	6.50	8.27	6.27	4.73	6.17

		Digital Image Analysis Ratings								
SPONSOR	CULTIVAR	Est.	Winter Cover	Winter Genetic Color	Winter Density	Winter Turf Quality	Average Cover	Average Genetic Color	Average Density	Average Turf Quality
NexGen	AKB1565	82.63	7.17	8.00	4.67	7.17	8.23	6.57	4.67	6.17
PST	K8-64	90.50	5.17	6.00	4.83	5.50	7.57	6.37	5.37	6.13
PST	103-651	97.47	5.33	7.17	7.17	7.17	6.83	7.53	4.50	6.10
Peak Genetics	Orfeo	94.03	6.67	6.67	5.33	6.67	7.97	5.23	5.70	6.10
PSG	A03-351	99.07	6.67	6.50	5.17	6.67	8.17	6.23	4.87	6.10
DLF	Shamrock	95.87	5.50	6.50	5.17	6.00	7.97	5.93	5.13	6.07
PSG	A04-383	98.40	6.83	5.67	6.50	6.67	7.67	4.93	6.13	6.07
NexGen	Baron	94.93	6.17	6.00	4.83	6.00	7.70	6.13	5.10	6.07
PSG	OF-5000	97.90	6.83	6.50	4.83	6.50	8.00	5.23	5.53	6.07
PSG	Touchdown	97.27	7.33	5.83	4.33	6.33	8.03	5.37	5.50	6.07
PST	1A4-311	93.70	5.00	6.17	4.67	5.50	6.67	6.97	4.93	6.03
Rutgers	A03TB-938	99.63	6.00	6.83	4.50	6.00	7.90	6.27	4.73	6.03
Rutgers	A05-894	69.27	6.83	7.17	3.33	6.00	8.00	6.33	4.67	6.03
PST	A07-393	94.90	6.17	6.00	5.67	6.17	7.67	5.93	5.20	6.00
PSG	A03-3606-8	98.37	6.17	7.17	3.67	6.00	7.37	6.63	4.70	6.00
PST	K9-105D	96.43	6.17	6.50	4.67	6.17	7.57	6.47	4.73	5.93
Rutgers	A06-632	99.23	5.83	5.17	6.50	6.17	7.60	4.97	5.73	5.87
Peak Genetics	A04-1271	98.97	5.17	5.50	5.17	5.33	7.43	5.27	5.63	5.87
PST	103-87	98.53	5.67	7.50	4.00	6.00	7.43	6.80	4.43	5.83
PST	PP-34736	95.43	5.83	5.67	6.00	6.17	7.73	6.00	4.80	5.83
Rutgers	A98-363	94.10	5.33	6.50	4.50	5.33	7.60	6.33	4.67	5.83
NexGen	AKB363	92.03	6.50	5.83	4.33	5.83	8.00	5.63	4.77	5.83
PSG	A03-3	98.90	6.00	7.00	4.00	5.83	7.27	6.53	4.67	5.83
PST	T7-7	89.77	5.17	6.67	5.83	6.33	7.40	5.87	4.93	5.80
Rutgers	A05-201	99.47	6.00	6.17	5.17	6.00	8.00	5.33	5.10	5.77
NexGen	KH3343	98.07	6.00	6.83	6.17	6.83	7.67	5.43	5.27	5.77
NexGen	AKB042	66.93	6.67	6.00	4.83	6.17	7.40	5.27	5.47	5.77
PST	K9-100	87.40	6.17	7.17	5.17	6.67	6.43	6.30	5.53	5.73
PST	K9-82	83.30	6.33	7.17	5.33	7.00	7.30	5.47	5.63	5.73
NexGen	AKB141864	97.20	6.00	6.83	5.17	6.50	7.50	5.97	4.83	5.73
Rutgers	A96-1338	99.40	6.33	6.33	4.17	6.00	8.07	5.50	4.80	5.70
NexGen	AKB049	82.87	7.17	6.17	4.17	6.17	7.87	5.30	5.17	5.70
NexGen	AKB345	92.10	6.50	6.17	3.83	5.50	7.77	6.10	4.43	5.70
PSG	TD08-4	68.20	6.67	5.00	4.83	5.83	7.43	4.50	5.77	5.67
PST	Northside (104-59)	96.33	5.50	6.00	4.50	5.67	7.23	5.20	5.40	5.63
PST	K4-15	88.97	3.33	6.00	5.17	4.50	6.23	7.00	4.57	5.57
PSG	A03TB-677	98.23	5.50	5.83	4.00	5.33	7.37	5.70	4.53	5.47
NexGen	AKB1543	94.60	6.67	6.33	3.67	5.83	6.63	5.33	4.50	4.97
NexGen	AKB186	90.57	6.50	6.00	5.00	6.33	6.67	5.30	4.67	4.93
PSG	MP07	98.60	5.83	5.00	3.67	4.83	6.20	4.70	4.93	4.70
Peak Genetics	KenBlue	98.97	2.83	4.50	3.50	3.00	4.80	4.97	4.50	4.10
	CV	7.32	6.36	4.70	12.78	6.50	2.71	3.19	7.38	4.22
	LSD	9.14	0.53	0.42	0.86	0.55	0.29	0.27	0.52	0.36
	GRAND MEAN	92.55	6.12	6.57	5.01	6.26	7.81	6.37	5.20	6.29
	MIN. MEAN	51.40	2.83	4.50	2.50	3.00	4.80	4.50	4.10	4.10
	MAX. MEAN	99.63	7.83	8.67	7.33	7.83	8.43	8.10	7.00	7.30

Est. = Establishment = 1-100; 100=Established
Winter Cover = 1-9; 9=Most Cover
Winter Genetic Color = 1=9; 9=Darkest
Winter Density = 1-9; 9=Most Dense
Winter Turf Quality = 1-9; 9=Best
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)

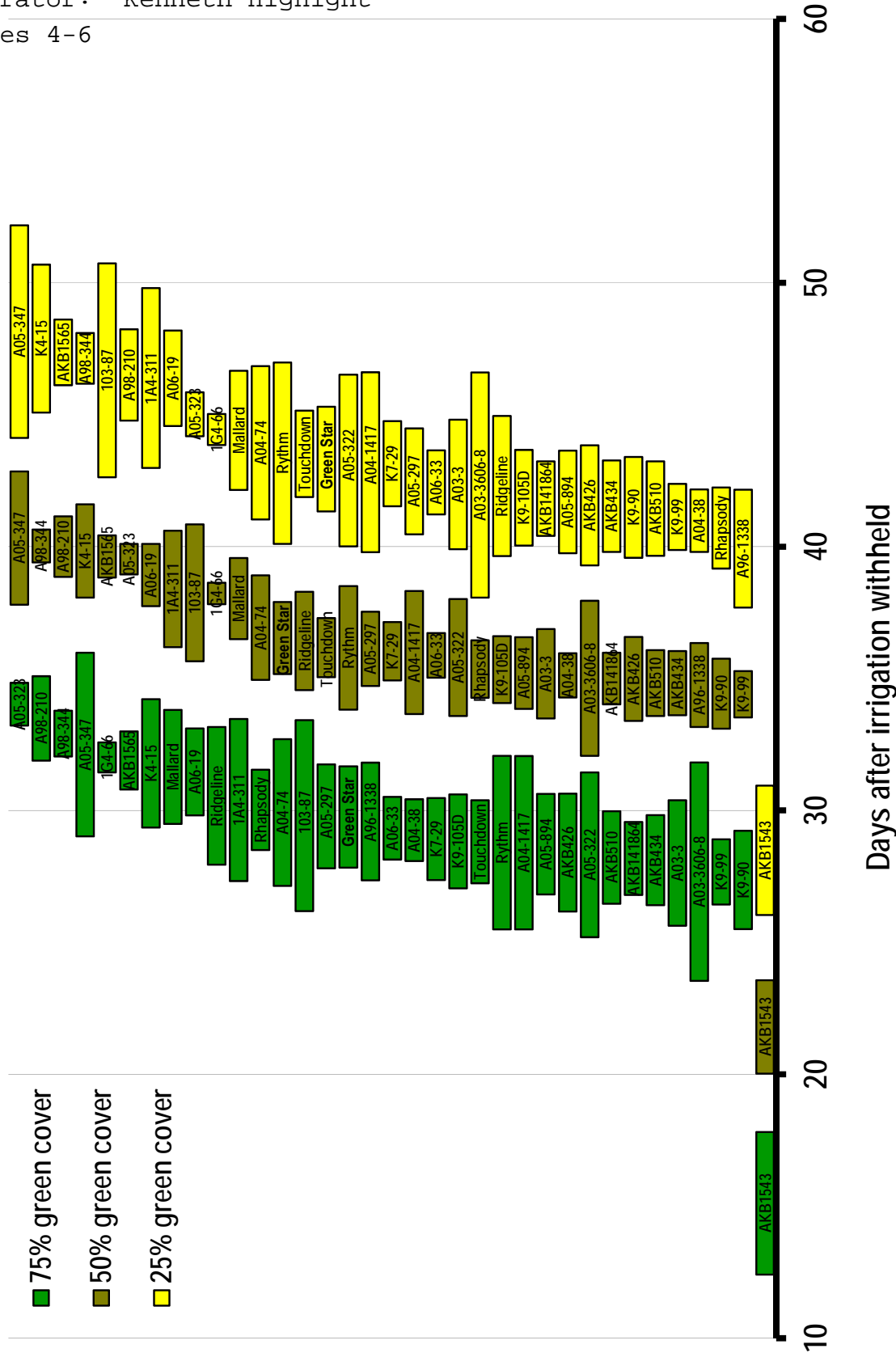


Figure 4. Confidence intervals (95%) for the number of days after irrigation is withheld before the top third of the selections from data set 09CTKB12 reach 75, 50, and 25% green cover. The bottom performing selection is included to indicate the total range of drought tolerance in the data set.

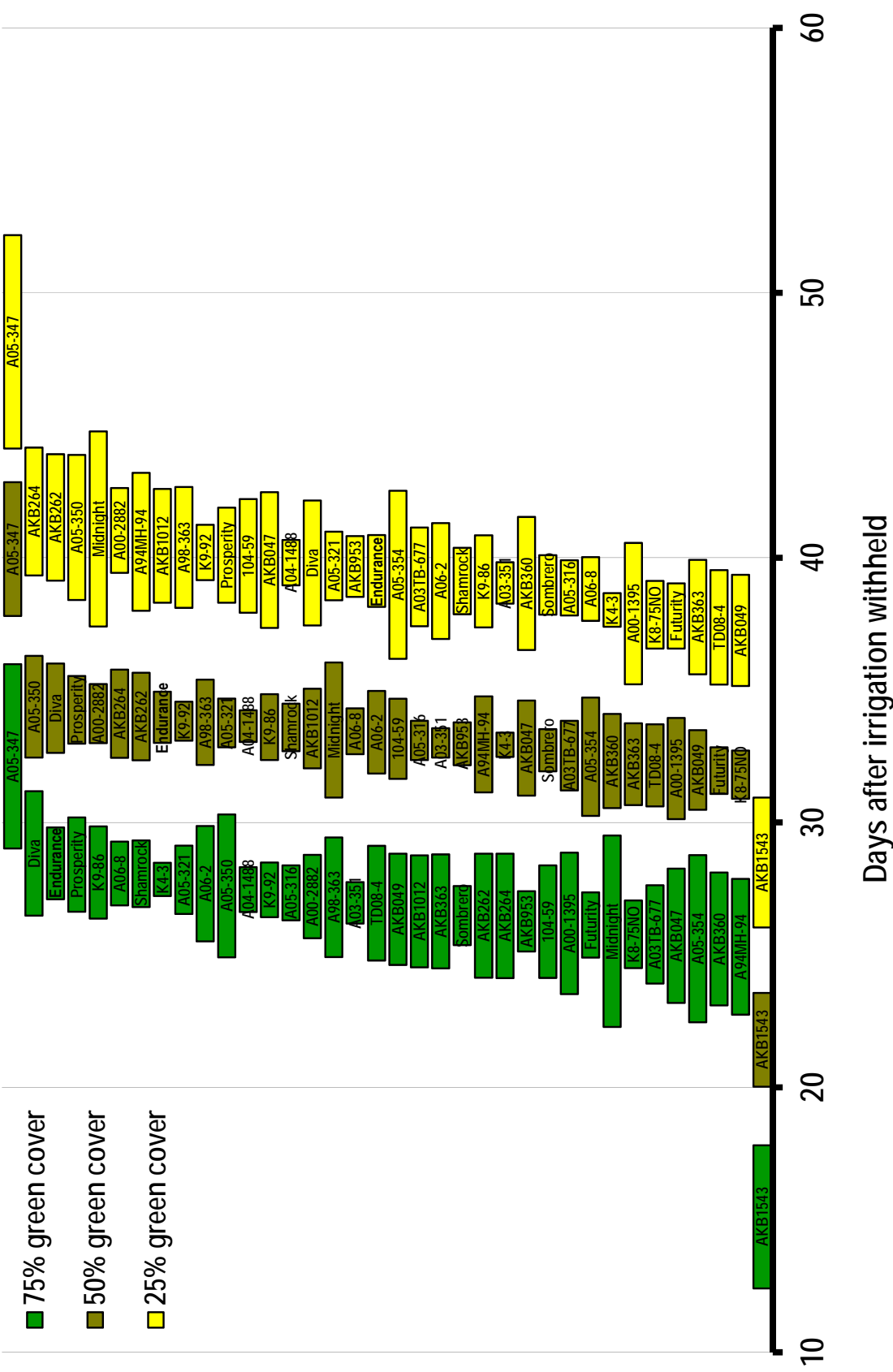


Figure 5. Confidence intervals (95%) for the number of days after irrigation is withheld before the middle third of selections from data set 09CTKB12 reach 75, 50, and 25% green cover. The top and bottom performing selections are included to indicate the total range of drought tolerance in the data set.

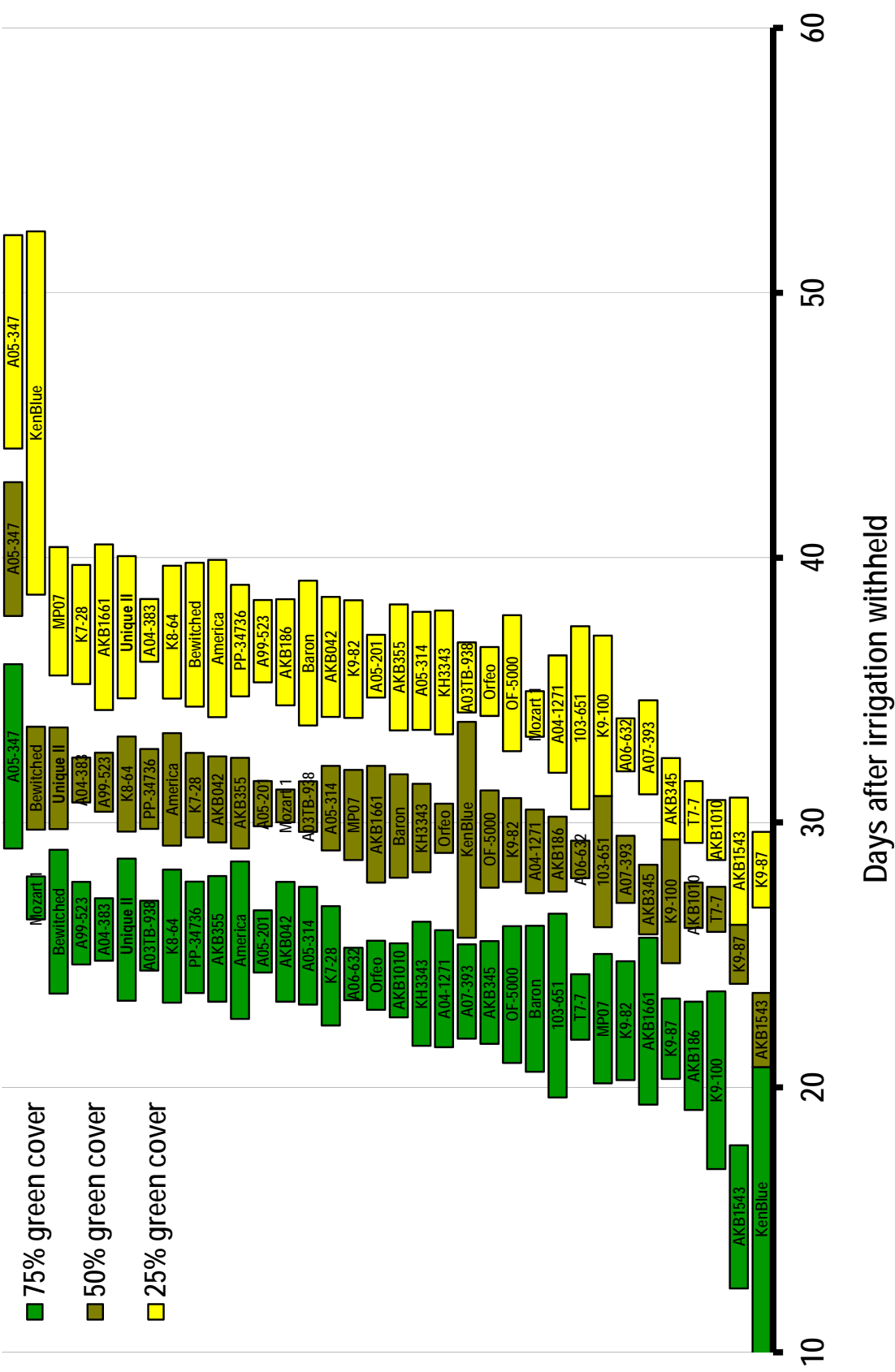


Figure 6. Confidence intervals (95%) for the number of days after irrigation is withheld before the bottom third of the selections from data set 09CTKB12 reach 75, 50, and 25% green cover. The top performing selection is included to indicate the total range of drought tolerance in the data set.

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

2010 Data

SPONSOR	CULTIVAR	Percent Cover 2009	Percent Cover 2010	Average Turf Quality
PSG	A00-1395	15.00	100.00	7.45
Rutgers	A06-33	18.33	100.00	7.33
Peak Genetics	A04-38	15.00	100.00	7.11
PST	K9-99	11.00	100.00	7.00
NexGen	KH3343	11.67	100.00	6.89
DLF	A05-350	9.33	100.00	6.78
NexGen	AKB264	20.00	100.00	6.67
PST	T7-7	5.00	100.00	6.67
Rutgers	A96-1338	11.67	100.00	6.66
PST	K9-90	10.33	100.00	6.56
Peak Genetics	A04-1271	14.33	100.00	6.56
Rutgers	A98-344	19.00	100.00	6.56
NexGen	AKB426	11.33	100.00	6.56
NexGen	AKB434	16.67	100.00	6.56
PSG	A03-351	20.00	100.00	6.56
PST	K4-3	8.33	100.00	6.55
PST	K9-105D	19.33	100.00	6.45
Rutgers	A05-322	22.33	100.00	6.45
PST	K9-82	12.67	100.00	6.44
PSG	Touchdown	16.00	100.00	6.44
PST	PP-34736	16.00	100.00	6.33
PST	Green Star (103-585)	15.00	100.00	6.33
Peak Genetics	Prosperity	19.33	100.00	6.22
PST	K7-29	11.67	100.00	6.22
DLF	A00-2882	15.00	100.00	6.22
Rutgers	A03TB-938	24.33	100.00	6.22
NexGen	AKB141864	20.00	100.00	6.22
NexGen	AKB262	10.67	100.00	6.22
NexGen	AKB1565	18.33	100.00	6.22
Peak Genetics	A99-523	27.67	100.00	6.22
Rutgers	A06-8	17.33	100.00	6.11
NexGen	AKB1543	11.67	100.00	6.11
PSG	A05-316	12.67	100.00	6.11
DLF	Rhapsody	9.33	100.00	6.11
PSG	A04-383	19.33	100.00	6.11
NexGen	AKB049	12.67	100.00	6.11
PST	A07-393	16.67	100.00	6.00
PST	Endurance (K4-7)	20.00	100.00	6.00
PST	K9-92	10.33	100.00	6.00
DLF	A05-354	10.33	100.00	6.00
DLF	Shamrock	13.33	100.00	6.00
Peak Genetics	A94MH-94	18.33	100.00	6.00
Rutgers	Diva	18.33	100.00	6.00
Rutgers	A05-314	18.33	100.00	6.00
NexGen	Mallard	15.00	100.00	6.00
PSG	A03-3	12.00	100.00	6.00
PSG	America	26.00	100.00	6.00
PST	K8-75NO	12.67	100.00	5.89
PST	Northside (104-59)	14.33	100.00	5.89
PST	K9-100	10.33	100.00	5.89
DLF	A05-323	10.00	100.00	5.89
DLF	Futurity	12.67	100.00	5.89
PSG	MP07	17.67	100.00	5.89
PSG	A05-321	18.33	93.33	5.89
DLF	Mozart 1	23.33	100.00	5.89
Rutgers	A98-363	15.67	100.00	5.89
DLF	A04-1417	19.00	100.00	5.78

SPONSOR	CULTIVAR	Percent Cover 2009	Percent Cover 2010	Average Turf Quality
PSG	TD08-4	19.00	100.00	5.78
Peak Genetics	Orfeo	9.33	100.00	5.78
Rutgers	A05-894	22.67	100.00	5.78
Rutgers	A06-2	9.33	100.00	5.78
NexGen	AKB363	21.67	100.00	5.78
PSG	OF-5000	13.33	100.00	5.78
PSG	A03-3606-8	22.67	96.67	5.78
PSG	A03TB-677	25.00	100.00	5.78
PST	103-87	20.00	96.67	5.78
DLF	Sombrero	22.67	100.00	5.78
NexGen	AKB186	17.67	100.00	5.78
PST	1A4-311	16.00	100.00	5.67
Peak Genetics	A06-19	26.67	100.00	5.67
Rutgers	Bewitched	16.67	100.00	5.67
Rutgers	A05-201	15.33	100.00	5.67
NexGen	AKB355	12.67	100.00	5.67
NexGen	AKB953	19.00	100.00	5.67
PSG	A05-347	12.67	100.00	5.67
Peak Genetics	A98-210	16.00	100.00	5.56
NexGen	AKB042	26.00	100.00	5.56
NexGen	AKB345	11.67	100.00	5.56
NexGen	AKB1012	6.67	100.00	5.56
DLF	A05-297	21.67	100.00	5.55
Rutgers	A06-632	14.33	100.00	5.45
NexGen	AKB047	13.33	100.00	5.45
PST	1G4-66	16.67	100.00	5.44
PST	K8-76NO	11.00	100.00	5.44
PST	K9-87	23.33	100.00	5.44
DLF	A04-1488	12.33	100.00	5.34
NexGen	AKB360	15.33	100.00	5.34
PST	Unique II (102-158)	16.67	100.00	5.33
PST	K4-15	11.00	100.00	5.33
PSG	A04-74	15.00	100.00	5.33
Rutgers	Ridgeline	10.00	100.00	5.33
NexGen	KH8529	12.67	100.00	5.33
NexGen	AKB1661	7.67	100.00	5.33
NexGen	Baron	12.67	100.00	5.33
PST	K9-86	11.00	100.00	5.22
PST	K7-28	11.00	100.00	5.22
NexGen	AKB1010	14.33	100.00	5.22
Peak Genetics	KenBlue	11.67	100.00	5.11
PST	K8-64	15.67	100.00	5.11
DLF	Rythm	16.67	100.00	5.11
Peak Genetics	Midnight	12.00	100.00	5.11
NexGen	AKB510	12.67	100.00	5.00
PST	103-651	18.33	100.00	4.78
	CV	46.96	1.38	11.55
	LSD	9.85	1.86	0.92
	GRAND MEAN	15.54	99.87	5.93
	MIN. MEAN	5.00	93.33	4.78
	MAX. MEAN	27.67	100.00	7.45

Percent Cover 2009 = 1-100; 100=Complete Cover (Sept)
 Percent Cover 2010 = 1-100; 100=Complete Cover (May)
 Average Turf Quality = 1-9; 9=Best (5 ratings)

2009 Kentucky Bluegrass Site Management

Site	Fertility (lbs / 1,000 ft ²)			Soil Type	pH	Mow Height Inches	Irrigation	Fungicides	Herbicides	Trial Type	
	N	P	K								
Arkansas Fayetteville	4.0	1.5	2.4	Silt Loam	6.2	1.5		Prevent Stress	HeritageTL	Sedgehammer Trimec Barricade	Full Sun
California Camarillo	8.0	2.25	3.2	Clay Loam	7.7	1.75		Prevent Stress	None		Full Sun
Illinois Urbana	2.0	0	0	Silt Loam and Silt	6.3	2.8		Prevent Stress	Daconil Heritage	Tenacity Classic Trimec	Full Sun
Kentucky Berry	6.0	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	2.0	0.12	0.5	Waukegan Silt Loam	~6.5	2	No Irrig.		None	None	Full Sun
New Jersey Adelphia	4.5	8.7	8.3	Sandy Loam	6.1	1.5		Prevent Severe Stress	None	Dimension Lontrel Merit / Dacthal 2,4D & Banvel	Full Sun
New Jersey Adelphia	3.0	7.0	6.0	Sandy Loam	6.18	2.0		Prevent Severe Stress	None	Dimension Lontrel Merit / Dacthal 2,4D & Banvel	Dense Shade
New Jersey Salem	4.0	2.0	1.0	Silt Loam	6.3	1.5		Prevent Stress	None	Prodiamine Trimec Classic	Full Sun
North Carolina Rolesville	5.0			Durham Loamy Sand	6.0	0.5	1 inch/wk		None	Broadleaf control Pre-emerge	Full Sun
Oregon Albany	3.0	2.25	1.5	Woodburn Silt Loam	5.0	1.0		Promote Drought	Tilt / Bravo Subdue Abound	Curtail M LV6 / Banvel	Drought
Virginia Blacksburg	3.0	1.0	1.4	Sandy Clay	5.3	2.0		Prevent Stress	None	Dithiopyr Speedzone	Sun