

CTBT: 2005 Trial
 Bluegrass Species Turf Trial
 Location: Fayetteville, Arkansas
 Cooperator: Dr. Mike Richardson

2006 Data

SPONSOR	SPECIES	CULTIVAR	Subjective Ratings		Objective Digital Analysis Ratings												
			Average Turf Quality	Average Turf Rank	Est. 3rd Week	Est. 3rd Week Rank	Est. 5th Week	Est. 5th Week Rank	Stem Rust	Stem Rust Rank	Average Genetic Color	Average Genetic Color Rank	Average Cover	Average Cover Rank	Average Density	Average Density Rank	Average Turf Quality
PST	K. x Ang.hybrid	PST-103-509	4.40	41	2.97	28	89.77	11	33.33	24	7.60	3	8.33	10	7.53	5	8.30
PST	K. bluegrass	PST-103-585	4.87	32	5.17	7	92.40	5	86.67	39	7.87	1	7.47	40	7.00	25	7.83
ASP	K. bluegrass	Midnight	5.33	19	1.60	43	78.33	39	56.67	31	6.63	14	8.33	9	7.67	2	7.63
PST	K. bluegrass	PST-102S-117	5.53	14	2.70	31	83.00	26	23.33	21	7.23	7	7.97	26	7.43	11	7.50
Rutgers	K. x T. hybrid	A00TB-52	4.67	36	3.67	18	82.23	29	93.33	42	7.33	4	7.57	38	7.03	22	7.47
PSG	K. x T. hybrid	STR 2844	5.20	23	1.97	39	84.93	22	15.00	17	7.30	5	7.90	31	7.27	16	7.43
PST	K. bluegrass	PST-102-862	5.60	13	1.83	40	78.17	40	40.00	27	7.23	8	7.67	36	6.57	43	7.27
PST	K. bluegrass	PST-101-92	5.20	21	3.23	23	78.53	38	21.67	20	6.10	24	8.17	19	7.43	9	7.27
PSG	K. x T. hybrid	A01-845	5.40	18	0.57	49	67.57	47	0.00	1	6.60	15	8.30	11	6.80	34	7.23
ISI-DLF	K. bluegrass	A99-354	5.60	12	0.57	48	69.73	46	13.33	16	5.93	31	8.40	7	7.60	3	7.20
ASP	K. bluegrass	AKB958	4.60	38	0.13	50	54.20	50	10.00	14	6.67	13	8.00	24	7.33	14	7.17
Rutgers	K. x T. hybrid	A99LM-15	5.13	25	4.10	13	86.20	17	6.67	13	6.07	26	8.30	12	7.13	20	7.17
ISI-DLF	K. x T. hybrid	A03-TB-775	5.00	29	0.07	51	34.07	51	0.00	9	7.23	6	7.53	39	6.43	46	7.17
Rutgers	K. x T. hybrid	A00TB-99	5.80	8	1.00	46	66.50	48	0.00	8	6.27	20	8.23	14	7.13	21	7.17
ISI-DLF	K. bluegrass	PP028402	6.53	1	3.70	17	87.73	14	0.00	7	5.70	38	8.70	2	8.20	1	7.17
ASP	K. bluegrass	AKB287	5.00	30	0.77	47	75.33	42	61.67	32	6.87	9	7.93	27	7.23	18	7.13
PSG	K. bluegrass	A03-3	6.13	6	4.37	9	85.20	21	3.33	12	6.77	10	8.20	17	6.83	32	7.03
Rutgers	K. x T. hybrid	A00TB-101	6.13	5	6.17	5	93.23	3	0.00	3	5.83	34	8.70	1	6.77	38	7.00
PST	K. x T. hybrid	Longhorn	5.73	9	2.13	36	81.17	35	31.67	23	5.77	35	8.53	6	7.13	19	6.93
Rutgers	K. x T. hybrid	A03TB-417	5.07	28	3.20	24	80.23	36	0.00	10	5.70	36	8.30	13	7.40	12	6.90
PST	K. bluegrass	PST-102-145	4.93	31	2.07	37	81.43	32	73.33	36	6.70	11	7.43	44	6.90	28	6.83
Rutgers	K. x T. hybrid	A03TB-390	5.20	24	3.87	14	82.33	28	0.00	6	6.30	19	7.93	29	6.93	27	6.80
Rutgers	K. bluegrass	A99-2427	5.33	20	5.17	8	86.10	18	31.67	22	6.33	17	7.90	30	6.80	35	6.77
Rutgers	K. x T. hybrid	A03TB-708	4.13	43	1.67	41	81.63	31	0.00	4	5.63	39	8.07	21	7.50	8	6.70
PST	K. bluegrass	PST-101-389	3.47	48	1.43	44	77.03	41	70.00	35	7.83	2	5.83	49	6.63	40	6.67
Rutgers	K. x T. hybrid	A03TB-256	4.80	34	1.00	45	70.73	45	36.67	26	5.57	42	8.23	16	7.53	6	6.67
PST	K. bluegrass	PST-102-567	5.20	22	3.17	25	87.20	15	20.00	19	5.60	41	8.63	4	6.83	33	6.67
ISI-DLF	K. bluegrass	A00-2545	5.40	17	3.83	16	65.97	49	15.00	18	6.37	16	7.87	32	6.87	30	6.67
Rutgers	K. x T. hybrid	A04TB-212	6.47	2	3.17	27	85.67	19	0.00	2	6.70	12	7.87	33	6.37	47	6.67
PSG	K. bluegrass	STR 23180	6.40	3	2.83	29	83.87	25	3.33	11	5.53	44	8.63	5	7.30	15	6.63
PSG	K. x T. hybrid	SPTR 2LM95	5.53	15	4.37	10	84.37	24	76.67	37	5.60	40	8.03	22	7.57	4	6.60
PST	K. bluegrass	PST-102-295	6.33	4	3.40	20	84.53	23	46.67	28	6.03	28	8.17	18	6.47	44	6.57
Rutgers	K. bluegrass	A03-38	5.13	27	2.03	38	74.73	44	55.00	30	6.03	27	7.67	35	6.87	31	6.53
PSG	K. bluegrass	America	4.87	33	6.00	4	92.53	4	96.67	44	5.70	37	8.13	20	6.97	26	6.47
PST	K. bluegrass	Midnight Star	4.40	39	11.87	1	92.33	6	70.00	34	6.30	18	7.00	46	7.27	17	6.43
PSG	K. bluegrass	STR 2332	4.40	40	3.37	22	90.27	9	100.00	46	5.53	45	8.03	23	6.77	37	6.40
Rutgers	K. bluegrass	A97-1303	4.73	35	9.77	2	95.13	1	90.00	41	5.57	43	7.97	25	7.43	10	6.40
PSG	K. bluegrass	STR 2703	5.67	10	3.40	21	74.80	43	65.00	33	5.87	33	7.93	28	6.60	42	6.40
ASP	K. bluegrass	Pp H8510	5.47	16	4.23	12	88.40	12	50.00	29	6.00	29	7.67	37	7.03	23	6.40
PST	K. bluegrass	PST-1A3-167	3.93	47	1.63	42	79.27	37	100.00	51	6.07	25	7.47	41	7.00	24	6.33
PSG	K. bluegrass	STR 23064	4.00	44	5.53	6	89.97	10	100.00	50	6.27	22	7.07	45	6.63	41	6.07
PST	K. bluegrass	Livingston	5.87	7	8.77	3	94.87	2	36.67	25	4.57	49	8.37	8	7.50	7	6.00
PST	K. bluegrass	PST-1A1-544	5.13	26	2.47	33	81.20	34	13.33	15	4.17	51	8.67	3	6.90	29	5.93
PSG	K. bluegrass	SR 2109	4.20	42	3.87	15	90.67	8	100.00	49	5.47	46	7.43	42	6.77	36	5.77
PST	K. bluegrass	PST-A00-99	4.00	45	2.27	35	82.57	27	100.00	47	5.27	48	7.77	34	6.37	48	5.73
PSG	K. bluegrass	STR 2509	4.67	37	4.23	11	88.10	13	90.00	40	5.30	47	7.43	43	7.37	13	5.73
PST	K. bluegrass	PST-102-965	5.67	11	2.47	32	85.57	20	0.00	5	4.43	50	8.23	15	6.17	49	5.63
ISI-DLF	K. bluegrass	Julia	4.00	46	3.17	26	81.97	30	96.67	43	5.93	30	6.50	47	6.73	39	5.53
ISI-DLF	K. bluegrass	A97-1409	3.33	50	2.37	34	86.70	16	83.33	38	6.23	23	5.97	48	6.43	45	5.17
PSG	K. bluegrass	109-996	3.27	51	3.43	19	91.37	7	96.67	45	6.27	21	5.10	50	6.10	51	4.60
PSG	K. bluegrass	STR 23078	3.47	49	2.77	30	81.37	33	100.00	48	5.90	32	4.97	51	6.13	50	4.47
CV			12.20		77.12		10.35		56.33		8.00		5.82		5.95		8.83
LSD			0.83		3.49		11.45		34.63		0.67		0.61		0.56		0.79

K. bluegrass = Kentucky Bluegrass
 K. x T. hybrid = Kentucky Bluegrass x Texas Bluegrass
 K. x Ang.hybrid = Kentucky Bluegrass x Angustifolia Bluegrass

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

Objective Ratings Est. = Establishment; Percent Cover
 Stem Rust = Percent infection; 0=Most Resistant
 Average Genetic Color = 1-9; 9=Darkest (4 ratings)
 Average Cover = 1-9; 9=Most Cover (4 ratings; May-July, Nov.)
 Average Density = 1-9; 9=Most Dense (4 ratings)
 Average Turf Quality = 1-9; 9=Best (4 ratings)