

CTBT: 2007 Trial
 Perennial Ryegrass Turf Trial
 Location: Knoxville, Tennessee
 Cooperator: Dr. John Sorochan

2008 Data

SPONSOR	CULTIVAR	Subjective Rating	Digital Camera Analysis Ratings						
		Pythium	Est.	Average Winter Cover	Average Winter Genetic Color	Average Winter Turf Quality	Average Cover	Average Genetic Color	Average Turf Quality
PSG	PM 102	8.67	41.67	93.63	6.43	8.07	92.63	7.10	8.00
PST	PST-2COL	9.33	40.00	93.67	6.83	7.77	92.80	6.80	7.97
DLF-IS	IS-PR 410	10.33	45.00	94.47	7.37	8.07	92.90	6.87	7.97
NexGen	APR2025	13.33	48.33	95.27	6.87	7.97	92.30	6.30	7.93
DLF-IS	IS-PR 409	8.33	45.00	95.27	6.73	7.97	93.90	6.87	7.93
NexGen	APR1965	10.00	41.67	94.50	7.10	8.00	93.03	6.50	7.90
Rutgers	HP-1	7.67	53.33	94.83	6.10	7.93	93.80	6.63	7.90
PSG	04-4 Lp	9.67	50.00	94.23	6.03	7.80	92.70	6.93	7.90
PST	PST-Syn-2GR7	10.33	45.00	94.63	7.03	7.90	92.23	6.47	7.90
DLF-IS	IS-PR 342	9.00	45.00	95.03	6.30	7.83	93.00	6.43	7.90
DLF-IS	IS-PR 340	10.33	43.33	94.73	7.40	7.97	93.53	6.77	7.90
DLF-IS	IS-PR 341	10.00	45.00	94.90	6.80	7.90	93.03	6.90	7.83
DLF-IS	IS-PR 313	11.67	38.33	94.00	6.93	7.90	92.67	6.70	7.83
DLF-IS	IS-PR 377	8.33	40.00	93.67	6.30	8.00	92.50	6.83	7.83
Rutgers	Palmer V	8.33	46.67	94.37	6.50	7.97	93.10	7.03	7.80
Rutgers	Pizzazz	8.33	48.33	94.93	6.87	7.77	91.90	6.57	7.80
PSG	Zoom	11.00	46.67	95.17	6.50	8.17	92.03	6.87	7.80
PSG	06-C Lp EDB	10.67	46.67	94.23	6.50	7.90	92.67	6.93	7.80
PSG	05-SP-I	9.33	46.67	93.63	7.20	7.87	92.50	6.50	7.80
PST	PST-2TSE	11.00	46.67	94.47	6.17	7.70	92.33	6.10	7.80
PST	Evolve (PST-2NKM)	11.00	38.33	92.27	5.77	7.80	92.53	6.63	7.80
PST	Gray Goose (PST-2J15)	9.00	51.67	93.57	6.63	7.87	92.33	6.63	7.80
Rutgers	GL-31	10.00	51.67	94.67	6.63	7.97	93.17	6.43	7.77
Rutgers	LineDrive GLS	9.00	53.33	94.57	6.63	8.10	93.00	6.67	7.77
Rutgers	1GSquared	13.33	41.67	94.80	7.13	8.00	92.70	6.93	7.77
PSG	GL3	11.67	41.67	93.27	5.90	7.53	91.80	6.70	7.77
PSG	06-C Lp ACF	9.00	41.67	93.70	6.20	7.93	92.90	6.83	7.77
DLF-IS	IS-PR 344	8.00	50.00	94.80	6.57	8.07	93.20	7.13	7.77
DLF-IS	IS-PR 382	8.33	46.67	95.20	6.83	8.23	93.50	6.83	7.77
NexGen	Radiance (APR2037)	9.67	58.33	94.53	6.67	7.93	92.70	6.87	7.73
NexGen	APR2064	11.00	46.67	93.63	6.33	8.00	92.83	6.63	7.73
NexGen	Applaud	10.67	50.00	93.70	6.87	7.70	90.97	6.57	7.73
Rutgers	HU-1	10.00	48.33	95.07	6.63	8.13	92.57	6.53	7.73
Rutgers	Paragon GLR	9.33	46.67	93.57	7.23	7.87	92.63	6.60	7.73
Rutgers	Prelude IV	8.00	43.33	94.27	7.27	8.10	92.30	6.67	7.73
PSG	Dasher 3	8.67	51.67	94.73	6.93	7.97	92.80	6.90	7.73
PSG	A01PR Bulk	10.00	48.33	94.23	7.03	7.90	92.50	6.60	7.73
PSG	06-H Lp	12.33	45.00	95.33	7.00	8.00	92.03	6.17	7.73
PSG	04-10 Lp	10.33	43.33	94.87	7.20	7.93	91.93	6.57	7.70
PST	PST-21N4	10.00	46.67	94.10	6.23	8.27	91.60	6.90	7.70
PST	Gray Fox (PST-2MNG)	10.00	45.00	94.37	6.80	8.00	92.43	6.50	7.70
PST	PST-2GSB	10.00	45.00	94.60	7.33	8.10	92.23	6.90	7.70
DLF-IS	All*Star 3	9.00	45.00	95.13	6.27	7.97	93.67	7.10	7.70
NexGen	APR2096	11.00	36.67	95.17	6.70	8.10	90.47	6.37	7.67
NexGen	APR2034	9.67	46.67	94.70	7.00	8.00	92.50	6.77	7.67
NexGen	Sunstreaker (APR2036)	9.33	41.67	93.80	6.67	7.87	92.70	6.70	7.67
NexGen	Haven (APR2038)	10.00	56.67	95.00	6.00	7.93	91.80	6.47	7.67
Rutgers	Integra II	11.00	40.00	95.07	6.83	8.23	92.00	6.37	7.67
PSG	06-I Lp	10.67	46.67	93.07	7.10	7.77	91.53	6.50	7.67
PST	PST-Syn-2US7	10.67	43.33	94.10	6.13	7.90	92.13	6.53	7.67
PST	Plateau (PST-2LAN)	10.67	46.67	93.20	6.17	7.50	92.00	6.43	7.67
Rutgers	Protege GLR	9.33	40.00	94.30	6.67	8.10	92.57	7.03	7.63
PSG	06-Z Lp	11.67	50.00	93.93	6.63	7.77	91.67	6.17	7.63
PSG	06-J Lp	8.67	46.67	94.20	6.70	7.73	92.50	6.90	7.63

PST	Rainwater (PST-2TQL)	10.33	41.67	93.47	6.77	8.07	91.67	6.80	7.63
DLF-IS	IS-PR 411	10.67	38.33	94.13	7.03	7.93	92.40	6.67	7.63
NexGen	APR2026	8.33	51.67	93.67	6.30	7.73	92.60	6.80	7.60
NexGen	Applaud II	9.67	48.33	94.23	7.07	8.03	93.03	6.30	7.60
Rutgers	Soprano	10.00	50.00	94.10	7.70	8.00	91.60	6.80	7.60
PSG	Penguin 2	11.00	50.00	95.07	5.80	7.77	91.40	6.03	7.60
PSG	SR 4600	10.33	50.00	94.43	7.07	7.73	93.03	6.50	7.60
PSG	06-B Lp	9.33	51.67	94.50	6.97	8.03	92.17	6.27	7.60
PST	Salinas II (PST-Syn-204D)	11.67	48.33	93.07	7.17	7.67	91.37	6.47	7.60
PST	PST-2USD	10.33	45.00	91.53	6.17	7.30	91.40	6.87	7.60
PST	Manhattan 6 (PST-2MAGS)	10.67	40.00	93.87	6.97	8.13	92.37	6.83	7.60
NexGen	APR2089	7.67	36.67	94.03	7.13	8.03	92.80	6.53	7.57
NexGen	APR2090	11.67	50.00	94.23	6.43	7.90	92.30	6.57	7.57
NexGen	APR2013	9.00	45.00	94.40	5.83	7.83	92.17	6.43	7.57
NexGen	APR2031	10.00	46.67	94.30	6.73	8.00	92.10	6.37	7.57
Rutgers	Jet	9.33	56.67	94.97	6.77	7.73	88.97	6.00	7.57
PST	Pacific Gem (PST-2MG7 Bulk)	11.00	33.33	92.70	6.17	7.73	90.97	6.70	7.57
PST	Manhattan 5 GLR	10.00	48.33	94.27	6.40	8.07	92.00	6.47	7.57
PST	Evolve (PST-2NKM)S	10.67	40.00	94.03	6.20	7.90	91.33	6.47	7.57
PST	PST-2R9R-05	10.67	45.00	93.13	6.63	7.90	91.77	6.33	7.57
PST	PST-2101-07	10.00	43.33	93.87	5.93	7.80	91.67	6.40	7.57
NexGen	Cutter	10.67	51.67	93.73	5.80	7.67	90.83	5.67	7.53
NexGen	APR1977	11.00	40.00	93.00	5.33	7.73	91.67	5.93	7.53
NexGen	APR2024	11.33	38.33	93.60	6.43	7.97	92.13	6.70	7.53
Rutgers	APR1666	9.67	45.00	94.97	6.77	7.87	92.73	6.57	7.53
PSG	Pick EJ	11.00	38.33	93.27	6.10	7.67	90.87	6.23	7.53
PSG	Calypso III	9.00	43.33	93.87	6.87	7.83	91.93	6.67	7.53
PST	Dominator (PST-2AG4)	10.67	51.67	94.70	7.40	8.07	92.13	6.57	7.53
NexGen	APR1979	11.67	43.33	94.33	7.00	7.70	91.40	6.67	7.50
NexGen	APR2035	12.00	41.67	94.23	6.57	7.93	91.40	6.00	7.50
PSG	04-18 Lp	8.67	38.33	93.53	6.93	7.97	90.47	6.63	7.50
PSG	MD-07	11.00	41.67	93.93	7.07	8.03	91.03	6.63	7.50
PST	PST-Syn-2R57	9.33	41.67	94.17	7.07	7.97	92.20	6.33	7.50
DLF-IS	IS-PR 381	12.00	43.33	93.97	6.07	7.83	91.90	6.53	7.50
NexGen	APR2075	8.67	50.00	93.00	6.03	7.43	91.50	5.90	7.47
NexGen	APR2032	10.67	45.00	94.50	6.77	7.87	91.97	6.53	7.47
PSG	06-N Lp	12.33	45.00	94.70	6.77	7.83	91.97	6.20	7.47
NexGen	APR2033	10.67	48.33	94.83	6.63	8.07	91.07	6.47	7.43
PSG	SRX 4TPCS	11.00	41.67	93.80	5.43	7.57	90.87	6.27	7.43
PST	PST-2R57S Bulk	13.00	40.00	93.27	5.77	7.73	90.90	6.40	7.43
PST	PST-2SNS	11.00	55.00	93.73	6.83	7.83	91.37	5.77	7.43
NexGen	APR1959	11.00	40.00	93.47	6.23	7.73	91.30	6.20	7.43
PSG	06-K Lp	11.33	41.67	93.20	7.20	7.93	91.17	6.63	7.40
PST	Silver Dollar	9.00	35.00	90.27	5.57	7.30	91.37	6.30	7.40
DLF-IS	IS-PR 378	10.00	43.33	94.57	6.90	7.90	92.73	6.57	7.40
NexGen	APR1978	10.00	40.00	90.13	5.60	6.87	91.73	6.23	7.33
PST	PST-2MAX-07	11.33	31.67	91.67	5.60	7.50	90.20	6.27	7.33
DLF-IS	MBH2	11.33	56.67	94.67	6.07	7.73	88.50	5.80	7.33
DLF-IS	Manhattan II	12.33	58.33	94.57	5.70	7.47	90.33	4.97	7.27
NexGen	APR1980	20.33	45.00	95.17	6.73	8.00	90.03	6.33	7.23
PSG	SR 45 AB	13.00	41.67	93.00	6.93	7.67	89.83	5.93	7.23
CV		27.68	17.71	1.41	11.75	4.22	1.43	6.04	3.36
LSD		3.86	10.82	1.79	1.05	0.45	1.77	0.53	0.35
GRAND MEAN		10.32	45.29	94.07	6.59	7.87	92.02	6.53	7.64
MIN. MEAN		7.67	31.67	90.13	5.33	6.87	88.50	4.97	7.23
MAX. MEAN		20.33	58.33	95.33	7.70	8.27	93.90	7.13	8.00

Pythium = Percent Infected; 0=No Infection

Est. = Establishment; 1-100; 100=Established

Average Winter Cover = 1-100; 100=Complete Cover (5 ratings, Nov-Mar)

Average Winter Genetic Color = 1-9; 9=Darkest (5 ratings, Nov-Mar)

Average Winter Turf Quality = 1-9; 9=Best (5 ratings, Nov-Mar)

Average Cover = 1-100; 100=Complete Cover (8 ratings)

Average Genetic Color = 1-9; 9=Darkest (8 ratings)

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