

CTBT: 2018 Trial - 18CTLP2
 Perennial Ryegrass Turf Trial
 Location: Salem, NJ
 Cooperator: Steve Langlois

2019 Data

		Objective Data							
SPONSOR	CULTIVAR	Gray Leaf Spot 2018	Average Summer Stress 2019	Average Percent Cover 2019	Average Cover 2019	Average Genetic Color 2019	Average Density 2019	Average Uniformity 2019	Average Turf Quality 2019
DLFPS	DLFPS-236-3576	68.13	16.17	86.52	5.57	7.83	4.12	7.45	6.24
DLFPS	DLFPS-236-3578	70.03	16.38	86.63	5.44	7.67	4.09	7.73	6.23
NTR	APR2839	16.46	7.16	85.00	5.00	7.93	5.00	6.95	6.22
NTR	APR2848	37.81	13.18	86.16	5.31	8.05	4.78	6.73	6.22
PST	PST-2GDS	75.45	14.47	87.71	5.72	7.69	4.19	6.83	6.11
DLFPS	DLFPS-236-3543	74.81	19.99	88.03	5.81	7.81	3.98	6.84	6.11
NTR	APR2609	76.87	7.92	86.06	5.29	7.82	3.82	7.48	6.10
PST	Silver Sport	85.33	14.18	84.76	4.94	7.91	4.65	6.77	6.07
PST	PST-2MAY	74.16	7.65	85.99	5.26	7.79	4.12	7.08	6.06
PPG	Grandslam GLD	65.52	9.50	84.85	4.96	7.50	4.45	7.25	6.04
PPG	PPG-PR-437	65.56	12.44	87.55	5.68	7.69	3.94	6.80	6.02
PST	PST-214	89.37	13.33	87.55	5.68	8.14	4.06	6.14	6.00
PPG	PPG-PR-342	83.10	9.12	83.98	4.94	7.69	4.09	7.19	5.98
PST	SYN 2HAF	66.59	16.11	84.77	4.94	7.89	4.56	6.40	5.95
DLFPS	DLFPS-236-3584	76.59	7.18	84.06	4.75	7.56	3.89	7.52	5.93
PPG	PPG-PR-478	75.24	15.38	86.77	5.47	7.73	4.05	6.43	5.92
PPG	PPG-PR-471	74.02	9.56	83.90	4.83	7.68	4.07	7.06	5.91
DLFPS	DLFPS-236-3582	86.45	18.53	87.68	5.71	7.71	3.56	6.66	5.91
DLFPS	DLFPS-236-3575	68.05	17.50	86.47	5.39	7.84	4.54	5.84	5.91
DLFPS	DLFPS-236-3583	63.28	19.33	85.14	5.04	7.56	4.01	6.98	5.90
DLFPS	DLFPS-236-3579	63.15	5.86	84.82	4.95	7.65	3.90	7.04	5.89
PPG	PPG-PR-434	80.08	9.38	86.61	5.43	7.62	3.60	6.81	5.87
PST	PST-2FLAT	83.87	12.70	83.05	5.11	7.90	4.37	6.08	5.86
NTR	APR2462	15.15	10.26	81.17	3.98	7.62	4.61	7.17	5.85
PPG	PPG-PR-435	72.46	13.19	86.00	5.27	7.60	3.69	6.84	5.85
DLFPS	DLFPS-236-3581	70.06	19.65	86.35	5.36	7.53	3.96	6.47	5.83
DLFPS	DLFPS-236-3542	77.37	5.92	86.48	5.39	7.79	3.65	6.35	5.80
PPG	PPG-PR-310	72.11	10.33	84.89	4.97	7.66	4.23	6.27	5.78
PPG	PPG-PR-432	61.15	10.81	80.60	3.83	7.55	4.48	7.13	5.75
PPG	PPG-PR-436	71.11	17.00	87.36	5.63	7.63	3.81	5.90	5.74
DLFPS	DLFPS-236-3541	75.45	7.47	84.67	4.93	7.59	3.50	6.89	5.73
PST	PST-2WHB	62.25	11.16	82.57	4.35	7.96	4.28	6.27	5.72
DLFPS	DLFPS-236-3024	13.19	23.21	82.99	4.47	7.44	4.17	6.65	5.69
PPG	PPG-PR-229	82.89	8.19	84.17	4.78	7.55	3.61	6.82	5.69
DLFPS	DLFPS-236-3547	86.42	12.38	83.41	4.58	7.36	3.55	7.24	5.68
NAI	NAI-17106	58.90	9.19	81.23	4.17	7.56	4.09	6.84	5.66
NTR	APR2846	10.49	16.38	84.29	4.81	8.10	4.52	5.20	5.66
DLFPS	DLFPS-236-3577	75.85	8.87	83.32	4.63	7.42	3.55	6.94	5.64
PST	PST-2MKD	33.91	5.25	82.13	4.57	8.18	4.19	5.59	5.64
PPG	PPG-PR-338	76.82	9.90	83.31	4.70	7.55	3.57	6.70	5.63
PST	PST-2SHRP	28.53	3.85	83.31	4.55	8.21	4.74	4.99	5.62
DLFPS	DLFPS-236-3546	81.16	12.88	85.17	5.04	7.75	4.05	5.62	5.62
NTR	APR2463	21.22	22.10	81.39	4.04	7.59	4.30	6.49	5.60
NTR	APR2946	55.53	14.27	79.79	3.84	7.30	4.27	6.98	5.60
PST	PST-2DRG	77.87	7.77	79.01	3.40	7.52	4.59	6.74	5.56
PPG	PPG-PR-477	72.78	15.83	84.72	5.01	7.65	4.13	5.42	5.55
NTR	APR2612	62.35	13.47	81.75	4.18	7.67	3.90	6.41	5.54
NAI	NAI-1422	56.27	6.01	80.41	3.83	7.71	4.69	5.94	5.54
SS	SEPR-107	68.90	5.94	81.48	4.24	7.81	4.46	5.63	5.53
PST	PST-2BD1	58.96	7.94	80.59	3.84	7.18	4.26	6.84	5.53
NTR	APR2637	62.92	8.31	80.13	4.01	7.34	4.02	6.71	5.53
NTR	APR2977	42.07	13.18	80.97	3.93	7.41	4.36	6.39	5.52
SS	Signet	90.93	8.32	80.12	3.78	7.37	3.77	7.16	5.52
DLFPS	DLFPS-236-3540	59.55	7.25	85.33	5.09	7.77	3.69	5.52	5.52
PST	PST-2BGL	66.96	12.52	80.32	3.84	7.48	4.11	6.64	5.52
NTR	APR2154	28.30	16.28	79.30	3.48	7.52	4.70	6.35	5.51
NAI	NAI-LD52	50.99	14.22	80.40	3.81	7.38	3.96	6.86	5.51
PPG	PPG-PR-344	94.28	15.95	80.63	4.45	7.45	3.40	6.69	5.49
NTR	APR2853	77.25	11.11	79.73	3.85	7.40	4.17	6.54	5.48
NTR	APR2973	35.99	20.70	81.68	4.12	7.47	4.88	5.48	5.48
PPG	PPG-PR-376	78.08	3.96	78.43	3.51	7.42	3.94	7.06	5.48
PST	PST-2BAD	61.44	11.35	81.17	4.07	7.66	4.22	5.95	5.47

		Objective Data							
SPONSOR	CULTIVAR	Gray Leaf Spot	Average Summer Stress	Average Percent Cover	Average Cover	Average Genetic Color	Average Density	Average Uniformity	Average Turf Quality
		2018	2019	2019	2019	2019	2019	2019	2019
PPG	PPG-PR-433	68.58	3.00	79.92	3.65	7.61	4.29	6.34	5.47
SS	SEPR-106	62.74	4.71	79.70	4.12	7.82	4.61	5.32	5.47
PPG	PPG-PR-438	77.63	23.46	85.07	5.02	7.53	4.05	5.26	5.47
NTR	APR2616	80.77	9.64	81.62	4.29	7.41	3.56	6.59	5.46
NTR	APR2685	54.03	9.11	82.10	4.22	7.45	3.90	6.25	5.45
NTR	APR2440	68.87	7.70	81.93	4.27	7.62	3.87	6.03	5.45
SS	SEPR-1	12.35	2.60	77.91	3.39	7.67	5.44	5.25	5.44
NTR	APR2237	53.21	6.77	79.96	3.76	7.75	4.09	6.16	5.44
DLFPS	DLFPS-236-3580	63.52	10.85	82.85	4.43	7.47	4.07	5.75	5.43
SS	Shield	82.17	12.42	81.84	4.16	7.49	4.04	6.00	5.42
PPG	Homerun	30.73	7.20	77.49	2.99	7.26	4.55	6.83	5.41
DLFPS	DLFPS-236-3538	78.17	7.29	81.17	3.98	7.39	3.99	6.23	5.40
PST	PST-2E6	86.99	16.16	80.98	3.93	7.31	3.51	6.82	5.39
NTR	APR2856	76.34	7.15	81.44	4.06	7.36	3.83	6.30	5.39
NTR	APR3060	21.98	15.00	77.80	3.08	7.73	5.31	5.35	5.36
PST	PST-2BET	81.35	6.49	81.14	3.97	7.44	3.93	6.13	5.36
PPG	PPG-PR-368	82.05	7.86	80.40	4.18	7.33	3.70	6.11	5.33
NTR	APR2703	64.43	13.81	79.06	3.42	7.39	3.79	6.69	5.32
DLFPS	Karma	86.47	6.99	80.45	3.79	7.40	3.75	6.33	5.32
SS	SNX	34.27	6.95	74.29	2.62	7.68	4.87	6.12	5.32
NTR	APR2719	61.41	9.53	77.94	3.19	7.30	4.06	6.61	5.29
NAI	NAI-LM2	74.36	4.31	79.56	3.55	7.56	4.11	5.93	5.29
NAI	NAI-LM3	57.18	8.26	78.33	3.25	7.48	4.50	5.85	5.27
DLFPS	Allstar 3	70.63	7.25	80.12	3.70	7.59	4.24	5.53	5.27
NAI	NAI-17397	62.10	8.14	75.83	2.68	7.31	4.72	6.27	5.25
NAI	Evolution	81.84	6.39	75.34	2.79	7.32	3.77	7.09	5.25
DLFPS	DLFPS-236-3586	63.17	7.47	78.55	3.51	7.49	4.46	5.37	5.21
NTR	APR2617	65.31	2.99	79.67	3.81	7.41	3.62	5.98	5.20
PPG	PPG-PR-472	61.40	8.19	80.02	3.67	7.56	4.32	5.25	5.20
PST	Carly	48.96	9.79	72.83	2.10	6.87	4.19	7.29	5.12
NTR	Soprano	76.14	5.48	76.59	2.90	7.43	4.34	5.75	5.11
NAI	Commander ST	34.98	3.96	68.71	1.79	7.06	4.98	6.58	5.11
PST	Silver Sun	47.82	5.99	70.63	2.03	7.32	4.35	6.64	5.08
NTR	APR2790	42.15	13.36	74.71	2.26	6.95	3.79	7.33	5.08
NTR	APR2753	76.98	4.45	74.91	3.04	7.20	3.59	6.44	5.07
NAI	NAI-17409	34.32	5.86	73.39	2.01	7.03	4.70	6.39	5.03
SS	Haven	71.91	5.33	72.35	2.21	7.04	3.75	7.07	5.02
NTR	APR2846	10.45	12.70	79.74	3.59	7.81	4.11	4.40	4.98
NTR	APRT2835	48.71	25.46	72.01	1.57	7.59	4.70	5.74	4.90
SS	SEPR-N6	22.47	6.16	71.82	1.64	7.94	4.84	4.93	4.84
SS	SEPR-2	21.85	3.05	72.08	1.89	7.44	4.99	4.94	4.81
PST	Silverdollar	41.84	5.42	64.27	1.18	6.85	4.54	6.48	4.77
NTR	APR2944	36.56	9.19	76.69	2.78	7.21	3.96	4.90	4.71
NAI	Allsport 5	45.72	3.96	68.86	1.19	6.95	4.23	6.31	4.67
PST	New Sealand	36.73	4.65	66.01	1.44	6.98	4.61	5.63	4.66
SS	Nexus XR	16.11	2.13	73.46	2.35	7.57	4.11	4.61	4.66
NAI	Prosport 4	28.38	2.36	65.17	1.19	6.91	4.58	5.91	4.65
DLFPS	DLFPS-236-3585	64.56	3.45	65.27	1.39	7.12	4.44	5.25	4.55
SS	Nexus XD	10.77	3.18	71.17	2.31	7.58	4.46	3.76	4.53
NAI	Notable	46.01	5.91	67.17	1.07	6.77	4.02	6.05	4.48
SS	SEPR-3	26.20	6.03	65.24	1.13	7.24	4.60	4.82	4.45
PST	Brightstar SLT	7.47	2.78	69.92	1.65	7.39	4.09	2.91	4.01
	CV	11.12	50.72	4.41	19.28	2.11	9.88	16.31	6.87
	LSD (0.05)	8.85	6.86	4.76	1.01	0.21	0.56	1.38	0.51

2018 Gray Leaf Spot = % Resistance (1 rating: Oct. 18, 2018)
2019 Average Summer Stress = % Cover (2 ratings)
2019 Average Percent Cover = % Cover (2 ratings)
2019 Average Cover = 1-9; 9=Most Cover (2 ratings)

2019 Average Genetic Color = 1-9; 9=Darkest (2 ratings)
2019 Average Density = 1-9; 9=Most Dense (2 ratings)
2019 Average Uniformity = 1-9; 9=Most Uniform (2 ratings)
2019 Average Turf Quality = 1-9; 9=Best (2 ratings)