



## *Cooperative Turfgrass Breeders Test*



Photo by Paul Harris, Utah State University

## **2023 Report**

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2021 Kentucky Bluegrass

CTBT 2023 Data - 21CTPP27  
 Kentucky Bluegrass Turf Trial  
 2023 Year End Data  
 Location: Middle Fork Research LLC (Fayetteville, AR)  
 Cooperator: Mike Richardson, Ph.D.

		Objective Data						Objective Data					
SPONSOR	CULTIVAR	2023 Average Percent Cover	2023 Average Cover	2023 Average Genetic Color	2023 Average Density	2023 Average Uniformity	2023 Average Turf Quality	2022-2023 Average Percent Cover	2022-2023 Average Cover	2022-2023 Average Genetic Color	2022-2023 Average Density	2022-2023 Average Uniformity	2022-2023 Average Turf Quality
NAG	NAI-17-49	51.35	1.44	4.29	1.26	6.23	3.31	68.42	3.54	5.27	2.11	6.29	4.31
DLF	A12-1	55.20	2.23	4.14	1.30	5.44	3.27	68.12	3.22	4.67	2.18	6.26	4.08
PST	K20-1	59.50	2.52	4.24	1.16	5.91	3.46	68.37	3.48	5.27	1.84	5.67	4.06
NTR	Valley View	52.68	1.94	4.11	1.41	5.89	3.34	66.04	3.30	4.72	2.29	5.80	4.03
PST	Tirem	54.95	1.71	4.66	1.31	5.67	3.34	65.88	2.85	5.41	2.10	5.65	4.00
NTR	AKB3216	50.74	1.98	4.63	1.35	5.01	3.24	65.02	3.63	5.01	2.09	5.25	4.00
NTR	Geronimo	61.72	1.68	3.84	1.14	6.51	3.30	68.98	2.81	4.36	2.09	6.65	3.98
PST	K15-168	46.30	1.38	5.06	1.34	4.89	3.17	60.75	2.69	5.56	2.53	4.95	3.93
PST	K19-208	56.24	1.93	4.31	1.17	5.82	3.31	66.40	2.98	5.25	1.96	5.50	3.93
PST	K19-203	47.90	1.40	4.90	1.21	5.93	3.36	58.77	2.38	5.31	2.14	5.86	3.92
NTR	AKB2836	55.18	1.79	4.07	1.14	6.61	3.40	67.14	3.10	4.55	1.89	6.08	3.91
DLF	A12-3	56.51	1.42	4.17	1.20	5.95	3.19	66.29	2.38	5.10	2.40	5.72	3.90
SS	NAI-19-166	53.61	1.89	3.80	1.25	6.11	3.27	66.15	3.06	4.37	2.15	6.00	3.90
NTR	AKB2795	48.56	1.34	4.06	1.26	5.76	3.10	61.69	2.82	4.62	2.17	5.94	3.89
SS	NAI-19-90	61.31	2.38	3.99	1.10	5.33	3.20	70.07	3.70	4.68	1.94	5.19	3.89
DLF	SR 2150	49.44	2.06	3.98	1.18	5.61	3.20	62.95	3.04	4.30	1.97	6.19	3.88
NTR	Deja Blue	56.18	2.43	4.07	1.04	5.98	3.38	67.16	3.55	4.31	1.80	5.83	3.87
DLF	A17-4	59.90	1.93	3.78	1.18	6.75	3.41	68.08	3.13	4.36	1.92	6.05	3.86
NTR	AKB3201	61.37	2.06	4.00	1.18	6.28	3.38	68.26	3.38	4.58	1.66	5.83	3.86
NTR	AKB3605	50.49	1.33	4.36	1.28	5.68	3.16	60.74	2.30	5.33	2.33	5.48	3.86
GOR	Super Moon (K14-141)	51.47	1.66	3.90	1.04	5.79	3.10	64.20	2.90	4.53	1.82	6.12	3.85
PST	K19-202	50.80	1.53	4.10	1.28	5.27	3.05	62.22	2.81	4.97	2.22	5.37	3.84
PST	K16-178	48.11	1.26	4.32	1.33	5.21	3.03	59.83	2.61	5.09	2.32	5.32	3.84
NTR	AKB3363	45.19	1.25	4.19	1.08	5.26	2.95	60.73	2.73	4.78	1.85	5.91	3.82
PPG	A19-16	53.55	2.02	3.81	1.10	6.00	3.23	64.02	3.22	4.34	1.71	5.99	3.81
PST	K20-4	51.31	1.54	4.65	1.25	5.83	3.32	57.70	2.03	5.41	2.20	5.50	3.79
NTR	Ridgeline	52.94	1.65	4.93	1.29	5.19	3.26	62.65	2.48	5.45	2.02	5.18	3.78
DLF	A10-5	48.51	1.86	3.96	1.23	5.57	3.15	59.74	2.85	4.43	2.06	5.79	3.78
DLF	SR 2284	57.03	2.11	4.28	1.14	5.50	3.26	64.64	2.71	4.83	2.13	5.44	3.78
DLF	Kenblue	60.47	2.00	3.60	1.11	6.37	3.27	63.08	2.69	4.06	2.01	6.35	3.78
SS	NAI-19-181	45.59	1.27	3.90	1.18	5.91	3.07	58.31	2.42	4.56	2.37	5.73	3.77
PST	T17-47	43.75	1.50	4.96	1.16	4.86	3.12	59.28	2.58	5.25	2.02	5.21	3.76
DLF	A15-480	57.08	1.63	3.56	1.10	6.15	3.11	67.25	3.09	3.88	1.77	6.23	3.75
PST	Harvest Moon	57.01	1.86	4.37	1.20	5.20	3.16	65.08	2.67	4.85	1.92	5.54	3.74
NTR	AKB3869	49.51	1.28	4.62	1.65	4.38	2.98	61.54	2.47	5.34	2.26	4.87	3.73
NTR	Mallard	63.95	2.61	4.57	1.26	5.88	3.58	64.91	2.55	5.10	2.12	5.17	3.73
PPG	A17-869	49.85	1.25	3.48	1.13	6.15	3.01	63.18	2.64	3.91	2.12	6.24	3.73
PST	K18-197	44.88	1.20	4.21	1.23	5.13	2.94	56.89	2.14	5.13	2.33	5.30	3.73
NTR	AKB2313	53.16	1.84	4.26	1.09	5.20	3.10	65.12	2.94	4.90	1.63	5.44	3.73
PPG	A20-12	49.98	1.60	3.69	1.16	5.40	2.96	63.68	3.03	4.27	1.89	5.72	3.73
PPG	A18-9	53.02	1.81	4.46	1.14	5.35	3.19	60.28	2.86	4.99	1.94	5.08	3.72
NAG	NAI-15-90	53.37	2.20	3.96	1.29	5.49	3.24	61.99	2.95	4.24	2.26	5.41	3.72
NTR	AKB3208	47.68	1.44	4.27	1.27	5.34	3.08	60.98	2.29	5.11	2.16	5.30	3.71
NTR	AKB3548	46.94	1.38	4.82	1.31	4.90	3.10	57.09	2.07	5.36	2.27	5.15	3.71
PST	K15-163A	46.12	1.19	3.87	1.18	5.86	3.02	57.49	2.29	4.47	2.12	5.93	3.71
NTR	AKB2769	50.48	1.49	3.75	1.14	5.62	3.00	60.29	2.93	4.23	1.98	5.65	3.70
PST	New Moon	53.49	1.66	4.85	1.39	4.98	3.22	61.04	2.21	5.59	2.14	4.87	3.70
NTR	AKB3593	50.98	1.97	4.05	1.16	5.43	3.15	62.54	2.93	4.83	1.87	5.18	3.70
DLF	A11-49	55.02	2.08	4.20	1.20	5.06	3.14	62.91	3.07	4.79	1.98	4.92	3.69
PST	K19-206	58.33	2.09	4.16	1.17	5.54	3.24	64.65	2.78	4.55	1.83	5.58	3.69
PST	Right	48.25	1.40	3.99	1.21	5.55	3.04	61.84	2.67	4.87	1.99	5.21	3.69
PPG	Acoustic	47.65	1.62	4.38	1.20	5.11	3.08	60.28	2.46	4.94	1.91	5.39	3.68
SS	NAI-19-83	49.23	1.62	4.11	1.12	5.31	3.04	59.23	2.49	4.62	1.84	5.74	3.67
NTR	AKB1565	52.81	1.76	4.33	1.37	5.88	3.33	58.12	1.85	4.94	2.26	5.65	3.67
NTR	AKB3125	45.16	1.72	4.07	1.06	5.89	3.18	54.97	2.47	4.32	1.89	5.97	3.66
SS	Skye	49.77	1.67	3.70	1.12	5.28	2.94	65.44	3.01	4.24	1.85	5.53	3.65
SS	Kelly	40.91	1.10	3.81	1.15	5.62	2.92	57.26	2.47	4.49	1.92	5.70	3.65
DLF	A15-7	43.17	1.27	4.58	1.36	4.79	3.00	52.61	2.03	5.02	2.40	5.10	3.63
PST	K17-187	48.31	1.54	3.97	1.14	5.67	3.08	60.87	2.38	5.00	1.70	5.43	3.63
NAg	NAI-19-45	52.84	2.03	3.97	1.38	5.69	3.27	60.10	2.53	4.13	2.27	5.60	3.63
DLF	A05-361	58.82	2.28	3.85	1.12	5.18	3.11	67.34	3.31	4.37	1.88	4.95	3.63
NTR	AKB2403	49.65	1.84	4.49	1.22	4.87	3.11	58.21	2.48	5.14	1.96	4.83	3.61
DLF	A12-2	43.83	1.29	4.15	1.11	5.26	2.96	57.56	2.46	4.55	2.09	5.34	3.61
PST	K19-201	47.75	1.91	4.69	1.20	4.65	3.12	56.65	2.66	5.16	1.74	4.83	3.60

SPONSOR	CULTIVAR	2023 Average	2023 Average	2023 Average	2023 Average	2023 Average	2023 Average	2022-2023	2022-2023	2022-2023	2022-2023	2022-2023	2022-2023
		Percent Cover	Cover	Genetic Color	Density	Uniformity	Turf Quality	Average Percent Cover	Average Cover	Average Genetic Color	Average Density	Average Uniformity	Average Turf Quality
NTR	En Gedi	50.13	1.53	4.15	1.18	5.79	3.16	60.20	2.28	4.64	1.77	5.67	3.59
PPG	Bolt	46.35	1.82	4.02	1.12	5.49	3.12	57.27	2.84	4.23	1.79	5.51	3.59
SS	Isabel	57.48	2.50	4.38	1.28	5.68	3.46	55.72	2.16	4.58	2.21	5.35	3.58
DLF	A15-8	42.25	1.59	3.89	1.20	5.14	2.95	55.28	2.67	4.00	1.99	5.59	3.56
DLF	Mercury	52.80	1.49	4.08	1.11	6.14	3.21	60.63	2.38	4.66	1.75	5.43	3.55
PST	T15-43	49.12	1.91	4.15	1.12	5.71	3.23	56.12	1.84	4.48	2.10	5.73	3.54
PPG	A12-266	51.65	1.53	3.92	1.18	6.02	3.16	56.29	2.10	4.32	1.90	5.85	3.54
PST	K15-169	45.57	1.28	4.14	1.34	5.26	3.01	55.51	1.84	5.02	2.27	5.03	3.54
SS	NAI-19-190 LS	49.32	1.32	3.54	1.10	5.59	2.89	62.19	2.65	4.16	1.89	5.39	3.52
SS	NAI-19-164	55.22	1.30	4.16	1.26	5.77	3.13	59.39	1.64	5.16	2.42	4.81	3.51
SS	NAI-19-188 LS	50.51	1.47	3.75	1.08	6.08	3.09	62.51	2.69	4.13	1.73	5.49	3.51
PST	K19-204	42.63	1.60	4.70	1.25	4.58	3.03	52.89	2.32	5.11	2.13	4.45	3.50
PST	Cutting Edge (K17-188AD)	45.95	1.34	4.58	1.33	4.58	2.96	53.80	2.31	4.84	2.30	4.50	3.49
PST	K13-140	51.26	1.67	3.70	1.13	5.48	2.99	61.64	2.82	4.09	1.76	5.28	3.49
NTR	AKB3179	44.34	1.29	3.94	1.21	4.75	2.80	56.67	2.76	4.31	1.76	5.08	3.48
DLF	A14-417	41.15	1.82	4.68	1.15	4.50	3.04	54.78	2.91	4.90	1.77	4.31	3.47
NAg	Jersey	44.24	1.76	3.87	1.11	4.93	2.92	55.18	2.50	4.38	1.80	5.17	3.46
DLF	Fielder	51.12	1.97	4.39	1.16	5.48	3.25	57.50	2.03	4.60	2.01	5.21	3.46
DLF	A19-4	52.41	1.58	4.31	1.25	5.50	3.16	59.79	1.99	5.03	2.07	4.69	3.45
PPG	A19-1	39.75	1.14	4.49	1.10	4.61	2.84	53.52	2.37	4.56	1.82	5.01	3.44
SS	SEKB-4272	55.02	1.90	3.98	1.09	5.64	3.16	58.77	2.45	4.25	1.69	5.34	3.44
PST	Desert Dream	44.04	1.38	4.72	1.18	4.13	2.85	56.33	2.19	4.99	2.12	4.43	3.44
NTR	AKB2949	52.79	2.05	4.15	1.08	4.54	2.96	61.19	2.83	4.68	1.68	4.53	3.43
NAg	NAI-17-4	42.27	1.38	4.04	1.22	4.88	2.88	53.26	2.19	4.26	2.12	5.15	3.43
PPG	A20-10	45.97	1.27	4.26	1.22	4.81	2.89	54.16	1.81	4.71	2.21	4.98	3.42
SS	NAI-19-125	44.81	1.27	3.98	1.24	5.61	3.03	52.19	1.88	4.25	1.99	5.52	3.41
NTR	AKB2733	48.35	1.28	4.21	1.27	5.32	3.02	52.45	1.69	4.53	2.26	5.06	3.39
NAg	NAI-19-64	47.13	1.38	3.84	1.16	6.20	3.14	50.59	1.66	4.03	1.94	5.91	3.39
NTR	Tejas	47.49	1.51	4.08	1.21	5.34	3.03	53.88	2.22	4.19	2.01	5.11	3.37
NAg	NAI-19-42	46.71	1.43	4.38	1.39	5.18	3.10	49.38	1.56	4.73	2.30	4.91	3.37
NAg	NAI-19-179	48.05	1.24	3.85	1.09	5.51	2.92	54.41	1.76	4.03	1.83	5.84	3.37
PST	T15-44	51.56	1.56	4.28	1.18	5.21	3.06	54.13	1.90	4.40	2.18	4.95	3.36
NAg	NAI-19-92	45.89	1.06	3.94	1.08	4.23	2.58	60.99	2.75	4.41	1.60	4.67	3.36
NTR	AKB1658	46.73	2.00	4.43	1.08	3.98	2.88	58.27	2.40	4.68	1.81	4.48	3.34
PPG	A20-13	50.69	1.32	3.96	1.22	5.09	2.90	56.37	2.11	4.20	1.93	5.09	3.33
PST	K19-207	46.43	1.36	3.89	1.27	5.58	3.02	49.46	1.71	4.42	1.99	5.13	3.32
PST	Sun Storm	46.77	1.45	4.78	1.13	4.40	2.94	52.87	1.91	5.02	1.90	4.37	3.30
NTR	AKB3456	42.41	1.39	4.08	1.21	5.32	3.00	49.79	1.71	4.11	2.06	5.31	3.30
NAg	NAI-19-58	40.05	1.03	3.91	1.41	5.03	2.84	50.48	1.55	4.46	2.24	4.81	3.27
PST	T15-42	47.91	1.49	4.36	1.23	5.11	3.05	48.50	1.61	4.33	2.09	5.04	3.27
PST	K17-182	49.41	1.45	4.17	1.41	5.11	3.04	50.65	1.66	4.68	2.19	4.50	3.26
GOR	T14-37	47.10	1.34	4.48	1.34	4.46	2.91	48.47	1.51	4.83	2.25	4.25	3.21
NTR	AKB2543	48.12	1.49	4.34	1.24	4.75	2.95	50.12	1.86	4.68	1.81	4.45	3.19
PST	K18-199	41.82	1.06	3.86	1.15	4.76	2.71	52.21	1.99	4.16	1.86	4.70	3.18
NAg	Shamrock	47.99	1.27	4.09	1.19	5.06	2.90	50.60	1.47	4.18	2.06	4.92	3.16
GOR	GO-KB20-1	47.47	1.21	3.98	1.22	5.42	2.96	45.60	1.34	4.39	1.85	4.97	3.13
PST	K21-6	37.89	1.00	3.53	1.15	5.25	2.73	47.37	1.22	4.09	2.10	4.90	3.08
SS	Wildhorse	42.72	1.15	4.09	1.23	4.33	2.70	44.16	1.48	4.00	1.98	4.11	2.89
PST	TX8-56	43.35	1.06	4.39	1.26	3.79	2.62	44.40	1.56	4.11	1.91	3.97	2.89
	CV	14.68	25.20	7.58	10.25	13.19	7.24	12.97	27.10	5.89	10.12	12.21	9.65
	LSD	9.91	0.55	0.43	0.17	0.96	0.30	10.36	0.91	0.37	0.28	0.88	0.47

2023 Average Percent Cover = (7 ratings)  
 2023 Average Cover = 1-9; 9=Most Cover (7 ratings)  
 2023 Average Genetic Color = 1-9; 9=Darkest (7 ratings)  
 2023 Average Density = 1-9; 9=Most Dense (7 ratings)  
 2023 Average Uniformity Quality = 1-9; 9=Best (7 ratings)  
 2023 Average Turf Quality = 1-9; 9=Best (7 ratings)  
 2022-2023 Average Percent Cover = (13 ratings)  
 2022-2023 Average Cover = 1-9; 9=Most Cover (13 ratings)  
 2022-2023 Average Genetic Color = 1-9; 9=Darkest (13 ratings)  
 2022-2023 Average Density = 1-9; 9=Most Dense (13 ratings)  
 2022-2023 Average Turf Quality = 1-9; 9=Best (13 ratings)  
 2022-2023 Average Uniformity Quality = 1-9; 9=Best (13 ratings)

CTBT 2023 data - 22CTFA27

Tall Fescue Turf Trial

2023 Year End Data

Location: Middle Fork Research LLC (Fayetteville, AR)

Cooperator: Mike Richardson, Ph.D.

CULTIVAR	Objective Data					
	2022 Average Percent Cover	2023 Average Cover	2023 Average Genetic Color	2023 Average Density	2023 Average Uniformity	2023 Average Turf Quality
DLF-TF/3837	72.92	3.15	6.83	1.11	5.78	4.22
PST-5CHR	70.18	2.95	6.50	1.05	6.01	4.13
ATF2190	72.42	2.97	6.83	1.15	5.56	4.13
PST-5TQBP	71.94	2.48	6.47	1.08	6.45	4.12
DLF-TF/3840	69.42	2.54	7.00	1.18	5.71	4.11
ATF1758	72.45	2.64	6.90	1.13	5.71	4.10
ATF2048	70.71	2.35	6.87	1.14	6.02	4.10
PPG-TF 396	72.82	3.33	6.68	1.14	5.17	4.08
PPG-TF 423	70.12	2.85	6.57	1.07	5.81	4.07
PPG-TF 421	70.44	2.89	6.81	1.15	5.28	4.03
PPG-TF 372	66.45	2.46	6.79	1.09	5.73	4.02
PST-5CHWT	67.45	2.88	6.59	1.14	5.45	4.02
PST-521DT	69.71	2.61	6.65	1.11	5.67	4.01
Raceway	68.15	2.42	6.74	1.18	5.70	4.01
PST-5CHWM	70.88	2.47	6.57	1.16	5.85	4.01
PST-5NOG	67.62	2.35	6.59	1.03	6.04	4.00
DLF-TF/3846	64.94	2.16	6.83	1.14	5.85	3.99
PST-5LSM	71.92	2.98	6.50	1.05	5.44	3.99
Easy Green	67.69	2.33	6.60	1.14	5.89	3.99
NAI-3BR22	61.31	2.23	6.59	1.06	6.01	3.97
UGA-18NL1	64.22	2.25	6.47	1.18	5.97	3.97
DLF-TF/3848	68.47	2.55	6.58	1.10	5.50	3.94
ATF1612 (Vert)	71.22	2.56	6.76	1.17	5.24	3.93
PPG-TF 395	68.10	2.45	6.50	1.04	5.69	3.92
ATF2056	66.53	2.27	6.71	1.13	5.56	3.92
NAI-BNTB22	64.04	2.33	6.79	1.04	5.47	3.91
DLF-TF/3850	69.44	2.53	6.60	1.09	5.41	3.91
Rowdier	68.15	2.88	6.83	1.07	4.83	3.90
TALL BOY	68.82	2.52	6.63	1.08	5.38	3.90
PST-R5HD6	65.32	2.16	6.57	1.07	5.82	3.90
GLX Aced	68.92	2.29	6.62	1.17	5.52	3.90
ATF2047	61.84	2.34	7.02	1.22	5.02	3.90
PPG-TF 420	67.69	2.50	6.62	1.14	5.30	3.89
DLF-TF/3849	68.21	2.21	6.69	1.16	5.49	3.89
PST-5DC320	64.55	2.35	6.73	1.09	5.36	3.88
ATF1738	68.05	2.67	6.80	1.14	4.90	3.88
ATF2199	62.60	1.83	6.76	1.20	5.68	3.87
SETF221	65.99	2.29	6.86	1.16	5.09	3.85
PPG-TF 397	66.11	2.40	6.57	1.12	5.29	3.84
PPG-TF 368	69.02	2.75	6.64	1.10	4.85	3.83
ATF1820	64.36	1.97	6.61	1.15	5.61	3.83
NAI-SOTF22	63.44	2.20	6.92	1.20	5.00	3.83
DLF-TF/3845	66.96	2.33	6.72	1.08	5.20	3.83
DLF-TF/3839	65.83	1.93	6.61	1.08	5.70	3.83
SR 8700	65.16	2.41	6.84	1.11	4.96	3.82
DLF-TF/3847	64.17	2.03	6.70	1.07	5.45	3.81
PST-5FOE	58.61	2.08	6.56	1.15	5.45	3.81
ATF1835	65.20	1.94	6.78	1.21	5.30	3.81
Turfway	64.52	1.85	6.80	1.19	5.33	3.80
ATF2207	63.89	1.65	6.69	1.19	5.64	3.79
UGA-G1	59.91	1.68	6.58	1.18	5.74	3.79
ATF1985	64.58	2.05	6.72	1.13	5.27	3.79
ATF2248	69.11	2.29	6.69	1.15	4.99	3.78

CULTIVAR	2022 Average Percent Cover	2023 Average Cover	2023 Average Genetic Color	2023 Average Density	2023 Average Uniformity	2023 Average Turf Quality
ATF2035	65.98	2.00	6.83	1.13	5.13	3.77
ATF2054	58.71	1.86	6.76	1.13	5.33	3.77
NAI-4FRX22	61.76	1.83	6.81	1.14	5.22	3.75
GLX STAR (PST-5BGG)	59.05	2.01	6.43	1.19	5.34	3.74
TF 1895 CK	63.85	1.83	6.56	1.18	5.38	3.74
PST-5BVD	60.95	2.17	6.47	1.10	5.18	3.73
Gazelle II	64.53	1.91	6.64	1.13	5.25	3.73
PST-5BP21	66.18	2.03	6.38	1.11	5.38	3.73
ATF1993	58.04	1.73	6.85	1.17	5.12	3.72
NAI-ST822	65.29	2.02	6.62	1.17	5.05	3.72
ATF2209	58.52	1.51	6.60	1.30	5.41	3.71
Saltillo	63.25	1.86	6.37	1.17	5.38	3.70
Lifeguard	59.04	2.11	6.57	1.20	4.88	3.69
Bladerunner 3	59.80	2.14	6.64	1.11	4.87	3.69
ATF2198	62.84	1.44	6.66	1.18	5.45	3.68
ATF2208	65.17	1.71	6.64	1.16	5.19	3.67
PPG-TF 374	62.06	1.93	6.65	1.07	4.95	3.66
ATF2211	58.26	1.53	6.63	1.19	5.26	3.65
Rowdy	63.57	1.64	6.53	1.16	5.27	3.65
ATF2043	60.74	1.65	6.79	1.22	4.93	3.65
SETF320	60.00	1.54	6.41	1.17	5.29	3.60
ATF1736 (Rebel V)	61.09	1.75	6.48	1.21	4.96	3.60
ATF1914	62.56	1.86	6.87	1.16	4.47	3.59
ATF1822	60.70	1.97	6.45	1.14	4.74	3.58
ATF1889	55.23	1.66	6.61	1.13	4.85	3.56
DLF-TF/3841	62.94	1.73	6.41	1.21	4.91	3.56
UGA-T2	59.21	1.53	6.41	1.22	5.08	3.56
Spyder 2LS	61.45	1.75	6.33	1.13	5.02	3.56
SETF120	58.88	1.50	6.53	1.22	4.94	3.55
Covenant II	58.67	1.37	6.44	1.25	5.10	3.54
PST-5VFD	50.37	1.38	6.37	1.11	5.27	3.54
ATF2206	55.96	1.29	6.66	1.24	4.91	3.53
SETF520	62.69	1.52	6.58	1.20	4.77	3.52
ATF2205	57.88	1.41	6.79	1.19	4.66	3.51
PST-520D	61.55	1.71	6.59	1.11	4.60	3.50
UGA-19C5	57.35	1.67	6.75	1.18	4.31	3.48
PST-5HAF9	62.42	1.61	6.44	1.15	4.71	3.48
ATF2059	60.23	1.51	6.52	1.20	4.65	3.47
ATF2041	58.46	1.42	6.61	1.20	4.57	3.45
SETF222	53.88	1.44	6.56	1.25	4.50	3.44
ATF2115	56.75	1.54	6.62	1.16	4.43	3.44
UGA-17F3A	50.30	1.17	6.44	1.30	4.62	3.38
Grande 3	55.51	1.38	6.70	1.17	4.15	3.35
CV	10.76	31.00	3.04	6.67	14.25	7.71
LSD	9.32	0.88	0.27	0.10	1.02	0.40

2023 Average Percent Cover=(7 ratings)

2023 Average Cover=(7 ratings)

2023 Average Genetic Color=(7 ratings)

2023 Average Density=(7 ratings)

2023 Average Uniformity=(7 ratings)

2023 Average Turf Quality=(7 ratings)

CTBT 2023 data - 21CTPP20  
 Kentucky Bluegrass Turf Trial  
 2023 Year End Data  
 Location: Purdue University(West Lafayette, IN)  
 Cooperator: Dr. Cale Bigelow

		Subjective Data					
SPONSOR	CULTIVAR	Winter Color	Seedhead Visibility	Stem Rust	Density	Dollar Spot	Turf Quality
		2023	2023	2023	2023 Average	2023 Average	2023 Average
DLF	SR 2150	5.00	7.00	7.33	6.67	7.83	6.38
NTR	AKB2403	4.33	7.00	6.33	7.83	7.33	6.09
NTR	Mallard	4.00	5.33	6.00	6.17	7.67	6.09
NTR	AKB3201	4.00	6.00	7.00	7.17	6.67	6.05
NTR	AKB3179	2.67	6.00	7.00	6.83	7.83	6.05
PST	New Moon	2.67	5.33	6.33	6.67	7.33	6.05
PST	K20-3	2.67	7.00	6.00	6.83	8.00	6.05
DLF	A05-361	4.33	8.00	6.67	6.17	6.83	6.05
PPG	A19-16	6.00	6.00	7.67	7.00	7.17	6.05
PST	K19-204	2.33	6.33	6.00	6.83	6.50	5.95
NTR	AKB2543	2.67	6.67	6.33	7.33	5.50	5.95
NTR	AKB2836	5.00	7.67	7.67	7.33	6.83	5.90
NTR	AKB3216	3.33	6.33	7.00	6.17	7.33	5.90
NAG	NAI-19-92	5.67	8.00	6.33	6.83	5.67	5.86
SS	NAI-19-164	4.67	6.33	8.00	6.67	8.00	5.86
NAG	Shamrock	5.33	6.67	6.67	6.83	6.67	5.81
PST	Desert Dream	3.33	6.00	6.67	6.67	7.17	5.81
DLF	SR 2284	6.33	5.00	5.00	6.00	7.33	5.76
PPG	Acoustic	1.67	7.67	6.67	6.67	7.00	5.76
SS	NAI-19-166	3.67	6.67	7.67	7.17	6.17	5.72
SS	Skye	3.67	6.67	6.00	6.67	6.33	5.71
NTR	AKB3593	3.67	7.00	8.33	6.17	8.33	5.71
SS	NAI-19-90	6.33	8.00	6.33	6.50	6.50	5.71
PST	K20-1	2.00	5.33	7.67	6.83	8.00	5.71
PST	Harvest Moon	3.67	4.67	7.33	6.00	6.50	5.67
SS	Kelly	3.00	7.00	6.00	5.67	6.00	5.67
NTR	AKB2949	3.67	7.33	6.67	6.67	8.33	5.67
NTR	AKB3125	2.67	7.00	7.33	7.17	7.17	5.67
SS	SEKB-4272	2.67	7.33	7.33	6.50	7.33	5.67
NTR	Bolt	3.67	7.67	7.67	6.17	5.33	5.67
PPG	A12-266	2.33	6.33	6.33	6.17	7.17	5.67
DLF	Martha	4.67	7.33	5.33	6.50	6.17	5.62
NTR	AKB1565	4.00	5.00	7.33	6.33	7.50	5.62
PST	K15-163A	4.00	6.33	6.33	5.83	6.00	5.62
PST	Tirem	4.33	5.33	7.33	6.17	7.33	5.62
PPG	A20-13	4.00	5.67	5.00	6.00	5.00	5.62
PST	T15-42	4.67	6.67	5.00	6.67	6.00	5.62
PST	Cutting Edge (K17-188AD)	3.33	5.33	7.67	6.50	7.33	5.62
NTR	AKB3456	4.33	5.67	6.67	6.33	7.50	5.57
PST	K17-187	2.00	8.00	5.67	6.17	6.50	5.57
NAG	NAI-19-42	4.67	7.00	7.00	5.83	6.67	5.57
PPG	A18-7	2.00	5.67	6.67	5.83	7.50	5.57
NTR	En Gedi	2.33	6.33	5.33	6.17	7.50	5.57
DLF	A15-480	3.33	7.33	7.00	5.50	6.00	5.57
PST	K19-203	5.00	5.67	5.67	5.67	7.50	5.53
PST	K15-169	3.33	5.33	7.00	6.00	8.33	5.53
DLF	A12-3	5.00	6.00	5.33	6.33	7.17	5.52
PST	T17-47	4.67	7.33	5.67	6.50	5.50	5.52
SS	NAI-19-190 LS	4.33	6.00	7.00	6.00	7.00	5.52
PPG	A19-1	3.33	6.33	6.33	6.00	5.83	5.48
PST	K19-201	2.33	5.33	5.33	6.00	6.50	5.48
PST	Right	5.33	7.67	5.33	6.67	5.67	5.48
DLF	A12-2	4.33	6.33	6.67	6.33	5.67	5.43
DLF	Fielder	4.00	6.33	4.67	6.00	6.17	5.43
GOR	Super Moon (K14-141)	4.33	5.33	7.00	5.67	6.83	5.43
PST	K19-202	1.67	4.67	6.33	5.67	7.50	5.43
NAG	Jersey	3.00	7.33	6.33	6.67	6.00	5.43
DLF	A10-5	3.33	6.00	6.00	6.17	6.17	5.38
NTR	AKB3548	2.00	6.00	5.33	6.17	5.83	5.38
SS	NAI-19-181	2.67	6.00	6.33	5.50	6.33	5.38
SS	Isabel	4.67	6.33	4.00	6.00	6.00	5.33
SS	Wildhorse	4.33	6.67	5.00	6.00	5.50	5.33
NAG	NAI-15-90	3.67	7.33	7.00	6.00	5.67	5.33

		Subjective Data					
SPONSOR	CULTIVAR	Winter Color 2023	Seedhead Visibility 2023	Stem Rust 2023	Density 2023 Average	Dollar Spot 2023 Average	Turf Quality 2023 Average
PST	T15-44	4.33	7.33	4.00	5.83	5.67	5.33
NAg	NAI-19-58	2.00	7.67	7.33	5.67	6.00	5.33
NTR	Valley View	2.67	6.33	4.00	6.17	7.00	5.33
NTR	AKB2769	4.00	6.00	6.33	6.50	7.33	5.33
SS	NAI-19-83	3.33	7.67	6.33	6.17	6.33	5.33
NTR	Tejas	4.67	7.00	6.33	5.67	6.17	5.33
NTR	AKB2795	3.67	7.33	7.00	6.67	7.33	5.29
PST	TX8-56	3.33	7.00	5.00	5.83	6.50	5.29
PST	K19-206	3.00	6.00	6.00	6.50	6.17	5.29
DLF	A12-1	3.67	6.00	7.67	6.00	6.00	5.29
NAg	NAI-19-45	3.33	7.33	6.00	5.67	4.83	5.29
NTR	AKB3605	3.67	3.67	6.00	6.00	7.83	5.29
DLF	A11-49	3.67	7.33	6.33	5.00	7.33	5.29
PST	K15-168	3.00	6.00	7.00	6.00	7.50	5.28
DLF	A15-7	3.00	7.67	6.33	5.83	6.83	5.28
PST	K18-197	2.67	5.00	6.33	6.00	7.83	5.28
NTR	AKB3363	2.67	8.00	4.33	7.33	7.67	5.28
PST	K19-208	6.33	7.67	6.33	7.83	6.67	5.28
PST	T15-43	3.67	4.33	5.33	6.00	7.50	5.24
NTR	Geronimo	5.33	6.67	7.00	5.67	5.00	5.24
SS	NAI-19-188 LS	4.00	6.67	6.33	5.83	6.00	5.24
DLF	A15-8	2.67	6.67	6.67	5.67	6.50	5.24
GOR	T14-37	2.33	7.33	6.67	5.83	6.83	5.24
PST	K13-140	4.33	6.00	6.67	6.67	5.17	5.24
PPG	A17-869	2.00	7.33	5.00	5.83	6.33	5.24
NTR	AKB3869	2.33	4.67	4.67	6.33	8.00	5.24
SS	NAI-19-125	3.33	6.67	7.00	6.67	7.00	5.24
DLF	A19-4	1.67	5.33	7.00	5.33	7.33	5.24
PPG	A18-9	2.33	6.33	7.00	5.67	7.17	5.19
NTR	AKB3208	3.00	6.00	5.00	5.17	6.17	5.19
NAg	NAI-19-64	4.33	6.67	6.00	5.67	5.33	5.14
PPG	A20-10	2.67	6.33	5.67	6.17	6.17	5.14
PST	K17-182	5.00	5.00	7.67	6.17	7.67	5.14
NTR	AKB2313	2.67	7.67	6.67	7.00	6.33	5.10
PPG	A20-12	3.67	6.33	6.00	5.17	5.67	5.10
PST	K19-207	3.67	6.33	3.33	5.67	6.00	5.09
DLF	A14-417	4.00	7.67	5.33	5.17	3.00	5.05
DLF	A17-4	2.67	7.67	6.33	5.83	5.17	5.00
PST	K21-6	4.67	7.67	6.67	6.33	5.83	5.00
NAg	NAI-19-179	3.67	6.67	7.33	5.67	4.67	4.95
PST	K16-178	4.33	5.00	8.00	5.83	5.83	4.91
PST	K20-4	4.33	5.00	3.67	5.67	6.17	4.90
PST	K18-199	4.00	7.00	4.00	5.33	4.00	4.86
DLF	Mercury	4.67	5.00	6.67	4.83	5.67	4.81
NAg	NAI-17-4	4.00	6.33	6.33	6.00	5.83	4.76
PST	Sun Storm	3.67	3.67	5.67	5.50	6.67	4.67
NTR	Ridgeline	4.67	6.00	3.00	4.33	6.50	4.62
NTR	AKB2733	4.33	7.00	3.00	4.67	6.00	4.62
GOR	GO-KB20-1	4.00	7.33	5.00	6.17	4.50	4.43
NAg	Kenblue	3.67	7.33	4.67	5.00	4.00	4.00
	CV	22.83	11.71	18.37	13.21	12.28	8.73
	LSD	1.12	1.02	1.54	1.10	1.09	0.64

2023 Winter Color=1-9;9=Best (1 rating)

2023 Seedhead Visibility=1-9; 9=Best (1 rating)

2023 Stem Rust=1-9;9=Best (1 rating)

2023 Average Density = 1-9; 9=Most Dense (2 ratings)

2023 Average Dollar Spot=1-9; 9=Most Resistant (2 ratings)

2023 Average Turf Quality = 1-9; 9=Best (7 ratings)



CTBT 2023 Data - 22CTFA20  
Tall Fescue Turf Trial  
2023 Year End Data  
Location: Purdue University(West Lafayette, IN)  
Cooperator: Dr. Cale Bigelow

		Subjective Data							
SPONSOR	CULTIVAR	Seedling Vigor	Turf Quality	Density	Texture	Genetic Color	Brown Batch	Turf Quality	Turf Quality
		2022	2022	2023	2023	2023	2023	2023 Average	2022-2023 Average
DLF	DLF-TF/3839	4.67	6.67	7.67	7.33	6.33	7.00	6.71	6.69
DLF	DLF-TF/3849	6.33	6.67	7.00	6.33	6.00	7.33	6.37	6.52
Check	Spyder 2LS	7.00	6.67	8.00	6.67	6.33	7.00	6.33	6.50
NTR	ATF2208	5.67	6.67	7.33	5.33	6.67	6.67	6.33	6.50
PPG	PPG-TF 397	5.67	6.33	7.33	7.00	6.00	6.33	6.63	6.48
DLF	DLF-TF/3850	6.33	6.00	7.33	7.00	6.67	8.00	6.96	6.48
Check	Rowdy	5.67	6.67	6.00	5.67	6.00	7.67	6.21	6.44
PPG	PPG-TF 395	4.67	6.33	7.00	6.00	6.33	8.33	6.50	6.42
NTR	ATF2115	5.00	7.00	6.33	5.33	6.67	6.33	5.83	6.42
NTR	ATF2248	5.67	6.67	6.33	6.33	6.33	7.67	6.09	6.38
PST	PST-5LSM	6.33	6.33	7.33	7.00	5.67	7.67	6.42	6.38
NAI	NAI-BNTB22	5.67	6.00	7.33	6.67	7.00	8.33	6.67	6.33
NTR	ATF2211	4.33	6.67	7.00	5.00	7.00	5.33	5.88	6.27
Check	Bladerunner 3	5.00	6.00	7.00	6.33	6.33	7.00	6.54	6.27
NTR	ATF2209	5.67	6.67	6.00	5.67	6.00	6.67	5.87	6.27
NAI	NAI-SOTF22	5.00	6.33	6.33	6.00	6.67	7.33	6.17	6.25
Check	GLX STAR (PST-5BGG)	6.33	6.33	6.00	5.33	6.00	7.33	6.13	6.23
NTR	ATF2059	5.67	6.33	6.67	6.00	6.00	7.33	6.13	6.23
Check	Rowdier	4.67	6.00	7.67	6.67	7.00	6.67	6.42	6.21
NTR	ATF2048	4.67	6.67	6.33	5.67	6.33	7.33	5.75	6.21
NTR	ATF2199	4.67	6.33	6.33	6.67	7.00	6.67	6.04	6.19
NTR	ATF2056	5.67	6.00	7.00	6.33	6.67	6.33	6.33	6.17
NTR	ATF2206	4.67	6.67	6.33	5.33	6.67	7.00	5.63	6.15
Check	ATF1736 (Rebel V)	5.00	6.00	6.00	6.00	6.00	7.00	6.25	6.13
NTR	ATF1914	6.00	6.33	6.00	5.67	6.33	6.33	5.88	6.11
Check	Covenant II	6.00	6.67	6.33	5.33	5.00	7.33	5.54	6.10
PPG	PPG-TF 396	5.00	5.33	7.33	6.67	6.67	7.00	6.87	6.10
NTR	ATF1820	5.33	6.33	6.00	6.00	6.00	7.67	5.87	6.10
NTR	ATF1985	4.33	6.00	6.67	6.00	6.33	6.33	6.17	6.09
NTR	ATF1738	4.67	6.00	6.67	6.67	7.00	7.00	6.13	6.06
DLF	DLF-TF/3841	6.33	5.67	7.33	6.33	6.67	7.33	6.46	6.06
PPG	PPG-TF 420	4.33	5.67	7.00	6.67	6.00	6.67	6.46	6.06
Check	Saltillo	6.00	6.33	6.67	5.33	5.33	7.00	5.75	6.04
PST	PST-5BP21	5.67	6.00	6.67	6.00	6.00	7.67	6.08	6.04
DLF	DLF-TF/3837	5.00	5.33	7.33	6.67	6.67	8.00	6.71	6.02
PPG	PPG-TF 421	5.33	5.33	7.33	6.67	6.67	8.00	6.71	6.02
PPG	PPG-TF 368	4.67	5.67	7.00	6.67	6.33	8.33	6.37	6.02
DLF	SR 8700	5.67	5.67	7.33	6.33	6.33	7.33	6.33	6.00
Check	Gazelle II	5.00	6.00	6.67	6.00	5.67	7.00	5.96	5.98
UGA	UGA-18NL1	4.67	6.33	6.00	6.00	6.00	8.00	5.63	5.98
NTR	ATF2198	4.33	6.00	6.33	5.67	6.33	6.00	5.96	5.98
Check	GLX Aced	6.67	6.00	6.00	5.67	5.33	8.00	5.88	5.94
PPG	PPG-TF 423	5.00	5.33	7.00	7.00	6.67	6.33	6.54	5.94
NAI	NAI-4FRX22	5.00	6.00	6.00	6.00	6.00	7.00	5.87	5.94
Check	TALL BOY	6.00	6.00	6.00	5.33	5.33	6.67	5.87	5.94
PST	PST-5BVD	5.33	6.00	6.33	5.67	6.00	7.33	5.87	5.94
UGA	UGA-G1	4.00	6.33	5.67	4.33	6.33	5.00	5.50	5.92
NTR	ATF2205	4.33	6.33	6.33	6.00	7.00	7.00	5.50	5.92
NTR	ATF1889	5.67	6.00	6.67	5.67	6.33	5.67	5.79	5.90
PST	PST-R5HD6	4.67	6.00	6.67	6.00	5.33	7.33	5.79	5.90
NAI	NAI-ST822	4.00	5.67	6.00	5.33	6.67	6.33	6.09	5.88
NTR	ATF1822	6.67	5.33	6.33	6.33	6.33	7.00	6.38	5.86
PST	PST-520D	5.67	6.00	6.67	5.33	5.00	6.67	5.71	5.85
UGA	UGA-T2	4.67	6.33	5.67	5.00	5.00	7.00	5.33	5.83
Check	Turfway	6.00	6.33	5.33	5.67	6.00	6.67	5.33	5.83
NTR	ATF2041	4.67	6.00	6.00	5.33	6.33	5.00	5.63	5.81
Check	Grande 3	5.67	5.67	5.33	5.33	5.67	7.67	5.92	5.79
Check	ATF1612 (Vert)	5.00	5.33	6.33	6.33	6.00	7.33	6.25	5.79
NTR	ATF1993	5.33	5.67	6.67	6.00	6.33	6.00	5.92	5.79
DLF	DLF-TF/3846	5.00	5.00	7.33	7.00	6.67	6.33	6.55	5.77
DLF	DLF-TF/3844	5.00	5.00	7.00	6.00	6.33	7.00	6.54	5.77
DLF	DLF-TF/3843	4.67	5.33	7.33	6.33	6.33	6.67	6.21	5.77
PST	PST-5HAF9	5.00	5.33	7.33	6.00	6.00	6.33	6.21	5.77
NTR	ATF2035	5.33	5.67	6.33	5.67	6.33	5.33	5.79	5.73
DLF	DLF-TF/3847	4.67	5.67	6.33	6.33	6.33	6.00	5.75	5.71
PST	PST-5TQBP	4.00	5.33	7.00	5.67	5.67	7.00	6.05	5.69
SS	SETF520	5.33	6.00	6.00	5.33	5.33	7.00	5.33	5.67
NTR	ATF2207	5.67	5.67	6.00	5.67	6.33	5.67	5.62	5.65
NTR	ATF2043	4.67	5.67	5.67	5.67	6.33	6.67	5.62	5.65
PST	PST-5NOG	3.67	5.33	6.33	6.00	6.00	7.33	5.92	5.63
DLF	DLF-TF/3845	5.00	5.00	7.00	6.67	6.33	7.33	6.21	5.61

SPONSOR	CULTIVAR	Seedling Vigor 2022	Turf Quality 2022	Density 2023	Texture 2023	Genetic Color 2023	Brown Patch 2023	Turf Quality 2023 Average	Turf Quality 2022-2023 Average
NTR	ATF2054	4.67	5.67	5.67	5.33	6.33	7.00	5.54	5.60
Check	Raceway	5.33	5.00	7.67	6.33	6.33	5.67	6.17	5.59
PST	PST-5CHR	5.00	5.67	5.67	5.67	5.67	7.33	5.50	5.58
PST	PST-5CHWT	5.00	5.33	6.00	6.00	5.67	8.00	5.83	5.58
SS	SETF320	4.00	6.00	5.67	4.67	5.33	7.00	5.13	5.56
DLF	DLF-TF/3842	6.00	5.00	6.33	6.67	6.33	7.33	6.12	5.56
DLF	DLF-TF/3840	3.33	5.00	6.67	6.67	6.67	7.00	6.04	5.52
PST	PST-521DT	4.67	5.00	6.00	6.00	5.33	6.67	6.04	5.52
PST	PST-5DC320	4.00	5.33	6.33	5.67	6.00	5.00	5.71	5.52
SS	SETF221	4.00	5.00	6.67	5.33	6.33	8.00	6.00	5.50
Check	Lifeguard	5.33	5.33	6.33	5.33	5.00	6.67	5.63	5.48
NTR	ATF2190	4.67	5.33	6.00	6.00	6.00	7.67	5.62	5.48
UGA	UGA-19C5	4.00	5.67	5.67	5.33	6.00	7.33	5.21	5.44
DLF	DLF-TF/3848	4.67	4.67	7.00	6.33	6.00	7.00	6.21	5.44
PST	PST-5VFD	4.67	5.33	6.67	5.67	6.00	6.67	5.54	5.44
NTR	ATF1835	4.67	5.33	6.67	5.67	6.00	6.67	5.50	5.42
SS	SETF120	5.33	5.67	5.33	4.67	6.00	7.33	5.12	5.40
SS	TF 1895 CK	5.00	5.67	5.33	5.00	5.33	6.67	4.95	5.31
PST	PST-5CHWM	5.33	5.00	6.00	5.67	5.00	7.67	5.58	5.29
NTR	ATF2047	4.00	5.33	6.33	5.33	7.00	6.33	5.25	5.29
PST	Easy Green	3.67	5.00	5.67	5.33	6.00	5.00	5.29	5.15
UGA	UGA-17F3A	5.33	5.00	6.00	6.00	5.67	5.33	5.13	5.06
SS	SETF222	4.00	5.00	6.00	5.33	6.33	4.00	5.12	5.06
PST	PST-5FOE	3.00	5.00	5.67	5.33	6.00	7.00	5.12	5.06
NTR	ATF1758	4.00	5.00	5.67	5.00	5.33	8.00	5.00	5.00
CV		16.72	12.69	10.16	9.22	8.11	16.37	6.03	7.83
LSD		1.15	1.00	0.89	0.74	0.67	1.52	0.49	0.62

2022 Seedling Vigor=1-9;9=best (1 rating)  
 2022 Turf Quality=1-9;9=Best (1 rating)  
 2023 Density=1-9;9=Most Dense (1 rating)  
 2023 Texture=1-9;9=Most Fine (1 rating)  
 2023 Genetic Color=1-9;9=Darkest Green (1 rating)  
 2023 Brown Patch=1-9; 9=Most Resistent (1 rating)  
 2023 Average Turf Quality=1-9;9=Best (8 ratings)  
 2022-2023 Turf Quality Average=1-9; 9=Best (9 ratings)

CTBT 2023 data - 23CTFF20  
 Fine Fescue Turf Trial  
 2023 Year End Data  
 Location: Purdue University (West Lafayette, IN)  
 Cooperator: Dr. Cale Bigelow

SPONSOR	CULTIVAR	Subjective Data	
		Seedling Vigor 2023 Average	Turf Quality 2023
DLF	DLF-FRR-3170	5.00	6.33
PST	PST-4VED	4.33	5.67
NEXGEN	ACF261	5.33	5.33
PEAK PLANT	PPG-FRC-128	4.67	5.33
PEAK PLANT	PPG-FRR-135	4.67	5.33
NEXGEN	ASC359	3.67	5.33
SMITH SEEDS	SECHF221	5.50	5.33
DLF	DLF-FRR-3173	4.33	5.33
DLF	MAXIMA 1	4.17	5.33
SMITH SEEDS	SECRF320	3.67	5.00
NOVEL AG	BRITTANY 2	5.00	5.00
DLF	DLF-FRR-3172	5.00	5.00
DLF	DLF-FRC-3176	4.50	5.00
PEAK PLANT	Navigator III	3.83	5.00
NEXGEN	ACF377	5.33	5.00
PST	PST-4LOW	4.67	5.00
DLF	DLF-FL-3135	4.17	5.00
NOVEL AG	RESONANCE	4.83	5.00
SMITH SEEDS	PORTLAND	4.67	5.00
PST	SEABREEZE GT	3.50	5.00
NEXGEN	ACF322	3.33	5.00
PEAK PLANT	PPG-FRC-134	4.67	4.67
NEXGEN	ACF314	4.33	4.67
NEXGEN	ASC361	3.67	4.67
PEAK PLANT	PPG-FRR-133	5.00	4.67
PST	HIXSON	4.00	4.67
NEXGEN	ASC295	4.00	4.67
NEXGEN	ASC382	5.00	4.67
PST	PST-4A23	3.83	4.67
NEXGEN	PPG-FRC-133	5.17	4.33
SMITH SEEDS	SECHF122	4.17	4.33
PEAK PLANT	PPG-FRC-126	4.83	4.33
NEXGEN	ASC356	4.17	4.33
DLF	DLF-FRC-3175	4.17	4.33
NEXGEN	Survivor	3.83	4.33
SMITH SEEDS	INDIE	2.83	4.33
SMITH SEEDS	SECRF120	3.50	4.33
DLF	DLF-FRR-3171	3.83	4.33
NEXGEN	ACF324	4.17	4.33
PEAK PLANT	PPG-FRR-149	3.83	4.33
NEXGEN	ASC395	3.00	4.00
PST	PST-4SEA	2.17	4.00
PST	PST-4PB	2.83	4.00
DLF	DLF-FRC-3177	3.33	4.00
PST	PST-4VE	2.83	3.67
PEAK PLANT	PPG-FL-135	3.83	3.67
PEAK PLANT	BLUE HORNET	2.83	3.67
NEXGEN	AHF203	2.33	3.33
DLF	LEONIDAS	2.50	3.33
DLF	DLF-FL-3136	2.83	3.33
NEXGEN	ACF256	3.33	3.33
PST	PST-4TEB	2.00	3.33
NEXGEN	ACF357	2.83	3.33
PEAK PLANT	PPG-FL-134	3.17	3.00
PST	PST-4SWTM	2.17	2.67
SMITH SEEDS	SEHF231	2.50	2.67
PEAK PLANT	COMPASS II	1.67	2.67
DLF	DLF-FL-3137	2.00	2.33
NOVEL AG	TENACIOUS	1.50	2.33
PEAK PLANT	PPG-FL-137	1.50	2.33
PST	BIGHORN GT	1.83	2.00
NEXGEN	Viking H2O	1.17	1.67
PST	PST-420E	1.00	1.67
	CV	28.31	24.31
	LSD	1.41	1.42

2023 Seedling Vigor Average=1-9;9=best (2 ratings)  
 2023 Turf Quality=1-9;9=best (1 rating)

CTBT 2023 data - 21CTPP16  
 Kentucky Bluegrass Turf Trial  
 2023 Year End Data  
 Location: University of Minnesota (St. Paul, MN)  
 Cooperator: Dr. Eric Watkins

SPONSOR	CULTIVAR	Subjective Data		
		Percent Cover 2023 Average	Turf Quality 2023 Average	Turf Quality 2022-2023 Average
PST	T15-42	65.49	5.08	5.43
GOR	T14-37	48.39	3.83	5.00
NTR	AKB3363	61.64	4.42	4.99
NTR	AKB2836	60.07	4.00	4.94
PPG	Bolt	65.65	3.92	4.93
PST	K15-168	35.79	3.25	4.90
PST	New Moon	69.25	4.17	4.89
PST	TX8-56	43.50	3.58	4.85
PST	T17-47	77.21	4.08	4.84
PST	K21-6	67.20	4.08	4.82
PST	T15-44	55.16	4.25	4.76
NTR	AKB3179	44.59	2.92	4.74
PST	K18-199	58.87	3.92	4.74
NTR	Geronimo	64.82	4.17	4.72
PST	K19-207	43.42	4.08	4.71
SS	NAI-19-90	57.20	4.00	4.69
DLF	Martha	76.28	4.00	4.69
NAg	NAI-19-92	59.87	4.08	4.68
NTR	Delta Blue	52.53	3.42	4.68
NAg	NAI-19-179	70.08	4.08	4.68
NAg	NAI-19-58	35.43	3.00	4.67
PST	Right	58.60	3.58	4.65
PST	K19-208	63.56	3.92	4.65
DLF	A15-7	48.37	4.17	4.64
SS	NAI-19-83	60.46	4.08	4.60
PST	K19-203	69.88	3.42	4.57
SS	NAI-19-166	60.98	3.67	4.55
PST	K17-187	49.97	3.58	4.54
DLF	A15-8	54.59	3.58	4.54
PST	Skye	42.46	3.00	4.53
PPG	Acoustic	53.35	3.58	4.51
NTR	AKB3593	53.55	3.75	4.51
NTR	En Gedi	59.74	3.33	4.50
DLF	SR 2150	42.72	3.50	4.50
NTR	AKB1565	58.65	4.08	4.49
NTR	AKB2949	68.00	3.92	4.46
NTR	AKB2795	38.05	3.08	4.46
NAg	NAI-19-64	61.30	4.00	4.44
NTR	AKB1658	56.32	3.25	4.43
GOR	Super Moon (K14-141)	46.90	3.17	4.42
PST	K15-163A	58.43	3.67	4.42
NTR	AKB3208	64.70	3.50	4.39
NTR	Ridgeline	60.91	4.00	4.39
SS	SEKB-4272	55.89	3.50	4.36
NAg	NAI-19-42	54.78	3.42	4.35
SS	NAI-19-188 LS	51.72	3.42	4.35
DLF	A14-417	52.70	3.58	4.35
PST	K20-1	41.62	3.17	4.34
DLF	A12-3	45.16	2.75	4.32
SS	NAI-19-181	47.99	3.50	4.28
NTR	AKB3125	47.01	3.17	4.28
NAg	Jersey	49.38	3.17	4.28
PST	K19-201	43.45	3.42	4.24
PST	Harvest Moon	48.45	3.58	4.24
PST	NAI-19-190 LS	32.03	2.83	4.19

SPONSOR	CULTIVAR	Subjective Data		
		Percent Cover 2023 Average	Turf Quality 2023 Average	Turf Quality 2022-2023 Average
NTR	Deja Blue	66.72	3.25	4.18
PPG	A18-7	37.35	2.83	4.17
NTR	Tejas	56.15	3.08	4.15
SS	Wildhorse	48.10	3.17	4.14
NAg	NAI-15-90	56.43	3.25	4.13
NTR	Mallard	50.56	3.08	4.10
PST	K20-3	41.40	3.75	4.10
NTR	AKB2313	36.83	3.08	4.10
PST	Cutting Edge (K17-188AD)	42.47	2.83	4.08
PST	K18-197	61.55	3.42	4.07
NAg	Kenblue	68.90	4.33	4.06
PPG	A18-9	44.63	2.67	4.05
DLF	Mercury	50.46	3.17	4.03
DLF	A11-49	46.19	3.08	4.01
NAg	Shamrock	48.87	3.00	4.00
NTR	AKB2543	45.82	3.00	4.00
NTR	AKB2733	66.99	3.42	3.99
PPG	A17-869	50.38	2.83	3.97
DLF	SR 2284	57.37	3.33	3.97
PPG	A20-12	74.95	3.83	3.97
PST	K19-206	63.86	2.92	3.96
PST	K19-202	31.92	2.42	3.95
NAg	NAI-19-45	40.27	2.83	3.95
NTR	AKB2769	54.80	2.83	3.95
PPG	A19-1	48.82	2.50	3.92
NTR	AKB3548	35.22	3.33	3.91
DLF	A12-1	66.01	2.83	3.89
PPG	A20-10	57.22	2.92	3.88
DLF	A12-2	41.27	2.50	3.86
PPG	A19-16	56.99	3.17	3.86
NTR	AKB3605	35.32	2.83	3.83
PST	Desert Dream	58.46	3.00	3.83
SS	NAI-19-125	33.16	2.58	3.82
PST	K16-178	46.51	2.58	3.79
NTR	AKB3201	47.09	2.83	3.77
PST	Sun Storm	43.41	2.75	3.76
NTR	AKB3456	47.36	3.00	3.72
NAg	NAI-17-49	39.93	2.83	3.72
GOR	GO-KB20-1	52.02	3.75	3.71
DLF	A05-361	45.01	2.58	3.68
NTR	AKB3216	48.55	2.50	3.67
DLF	A19-4	40.97	2.17	3.64
SS	Kelly	41.91	2.83	3.64
SS	Isabel	46.06	2.42	3.62
DLF	Fielder	34.86	2.25	3.62
NAg	NAI-17-4	58.46	2.75	3.62
PST	Tirem	47.86	2.58	3.60
NTR	AKB3869	26.57	2.25	3.51
PST	K19-204	50.27	2.92	3.43
PPG	A20-13	56.61	2.50	3.36
SS	NAI-19-164	41.73	2.67	3.25
DLF	A10-5	46.87	2.42	3.21
PST	K20-4	38.48	2.17	3.17
PST	T15-43	48.46	2.17	2.95
CV		23.05	15.97	9.43
LSD		16.14	0.71	0.54

2023 Percent Cover Average=1-100; 100=most cover (2 ratings)  
 2023 Turf Quality Average=1-9;9=Best (4 ratings)  
 2022-2023 Turf Quality Average=1-9;9=Best (10 ratings)

CTBT 2023 data - 22CTFA16

Tall Fescue Turf Trial

2023 Year End Data

Location: University of Minnesota (St. Paul, MN)

Cooperator: Dr. Eric Watkins

		Subjective Ratings
SPONSOR	CULTIVAR	Turf Quality 2023 Average
Check	Rowdier	6.53
NTR	ATF2056	6.20
NTR	ATF1835	6.07
DLF	DLF-TF/3843	6.07
PST	PST-5DC320	6.07
PPG	PPG-TF 423	6.07
PPG	PPG-TF 374	6.07
PPG	PPG-TF 421	6.07
NAI	NAI-4FRX22	6.00
NTR	ATF2199	6.00
Check	Bladerunner 3	6.00
NTR	ATF2207	5.93
DLF	DLF-TF/3842	5.93
PST	PST-5HAF9	5.93
PPG	PPG-TF 397	5.87
PST	PST-5LSM	5.80
NAI	NAI-3BR22	5.80
NAI	NAI-SOTF22	5.80
Check	GLX Aced	5.73
NTR	ATF2190	5.73
PST	PST-5NOG	5.73
PPG	PPG-TF 368	5.67
PPG	PPG-TF 396	5.67
Check	Spyder 2LS	5.67
DLF	DLF-TF/3844	5.67
DLF	DLF-TF/3837	5.67
Check	ATF1612 (Vert)	5.67
DLF	SR 8700	5.60
PST	PST-5SCHWT	5.60
DLF	SETF221	5.60
DLF	DLF-TF/3841	5.60
Check	Rowdy	5.60
PPG	PPG-TF 372	5.60
PST	PST-5TQBP	5.53
PPG	PPG-TF 420	5.53
DLF	DLF-TF/3848	5.53
DLF	DLF-TF/3845	5.53
UGA	UGA-19C5	5.47
NTR	ATF1738	5.47
SS	SETF222	5.47
UGA	UGA-17F3A	5.47
NTR	ATF2206	5.47
PST	PST-5VFD	5.47
PST	PST-5SCHWM	5.40
NTR	ATF2035	5.40
NTR	ATF2208	5.40

		Subjective Ratings
SPONSOR	CULTIVAR	Turf Quality 2023 Average
NTR	ATF2059	5.40
NTR	ATF2054	5.33
NTR	ATF1993	5.33
Check	Lifeguard	5.27
DLF	DLF-TF/3849	5.27
DLF	DLF-TF/3850	5.27
NAI	NAI-BNTB22	5.27
NTR	ATF2248	5.27
NTR	ATF2205	5.20
Check	GLX STAR (PST-5BGG)	5.20
SS	SETF520	5.20
NAI	NAI-ST822	5.20
NTR	ATF1820	5.20
UGA	UGA-18NL1	5.20
NTR	ATF2115	5.20
NTR	ATF1889	5.13
PST	PST-520D	5.13
Check	ATF1736 (Rebel V)	5.13
NTR	ATF1758	5.07
Check	Saltillo	5.07
DLF	DLF-TF/3840	5.07
PST	PST-5BP21	5.07
NTR	ATF2043	5.07
NTR	ATF2041	5.00
PST	PST-5BVD	5.00
NTR	ATF1914	5.00
NTR	ATF1822	4.93
NTR	ATF2198	4.93
NTR	ATF2048	4.87
NTR	ATF2209	4.87
PST	PST-5FOE	4.87
Check	Raceway	4.87
Check	Grande 3	4.80
PST	PST-R5HD6	4.80
NTR	ATF1985	4.80
Check	Gazelle II	4.73
DLF	DLF-TF/3847	4.73
SS	SETF320	4.67
Check	Covenant II	4.67
UGA	UGA-G1	4.67
Check	Turfway	4.60
PST	PST-5CHR	4.60
SS	SETF120	4.53
PST	PST-521DT	4.53
SS	TF 1895 CK	4.47
UGA	UGA-T2	4.13
	CV	11.83
	LSD	0.86

2023 Turf Quality Average=1-9;9=Best (5 ratings)

CTBT 2023 Data - 21CTPP1  
 Kentucky Bluegrass Turf Trial  
 2023 Year End Data  
 Location: Rutgers University (Adelphia, NJ)  
 Cooperator: Stacy Bonos

SPONSOR	CULTIVAR	Subjective Data		
		TQ Average 2022 Data	TQ Average 2023 Data	TQ Average 2022-2023 Data
NTR	Valley View	6.86	6.72	6.79
SS	SEKB-4272	5.76	5.67	5.71
NTR	AKB3363	5.29	6.06	5.67
NTR	AKB2949	5.43	5.89	5.66
PST	K19-204	5.71	5.22	5.47
DLF	Martha	5.81	5.11	5.46
PPG	Bolt	6.48	4.44	5.46
SS	NAI-19-166	5.48	5.44	5.46
NTR	AKB3125	5.67	5.17	5.42
SS	Skye	5.52	5.28	5.40
NAg	NAI-19-45	5.86	4.95	5.40
PPG	A20-13	5.71	5.06	5.39
NTR	AKB2769	5.62	5.11	5.36
NTR	AKB2403	5.29	5.39	5.34
PST	T17-47	5.38	5.28	5.33
NTR	Deja Blue	5.48	5.17	5.33
NTR	AKB3179	5.81	4.83	5.32
NAg	NAI-19-64	6.19	4.34	5.26
DLF	A15-7	5.62	4.89	5.26
SS	Isabel	5.34	5.17	5.25
PST	K19-206	5.67	4.83	5.25
NTR	AKB3216	5.00	5.50	5.25
NTR	AKB2795	5.05	5.44	5.25
NAg	NAI-15-90	5.81	4.67	5.24
NTR	Delta Blue	5.29	5.17	5.23
PST	K17-187	4.95	5.50	5.23
PST	Right	5.57	4.83	5.20
PPG	A18-9	5.62	4.72	5.17
PPG	A18-7	5.81	4.50	5.15
PPG	A05-361	5.53	4.78	5.15
DLF	A15-480	5.62	4.67	5.14
SS	NAI-19-181	5.19	5.00	5.10
NTR	AKB3593	5.19	5.00	5.09
DLF	A17-4	6.38	3.78	5.08
PPG	A20-12	5.00	5.17	5.08
DLF	A15-8	5.48	4.67	5.07
NTR	AKB3201	5.52	4.61	5.06
NAg	NAI-19-92	5.29	4.83	5.06
DLF	A14-417	6.00	4.06	5.03
PST	K19-208	4.91	5.11	5.01
PPG	A19-16	4.95	5.05	5.00
DLF	SR 2150	4.67	5.33	5.00
PST	T15-44	5.19	4.78	4.99
PST	K21-6	5.14	4.78	4.96
PST	K18-199	5.91	4.00	4.95
PPG	A19-1	4.57	5.11	4.84
SS	NAI-19-188 LS	5.29	4.33	4.81
NAg	NAI-17-4	5.19	4.39	4.79
DLF	A12-3	5.29	4.22	4.76
DLF	A11-49	4.38	5.11	4.75
NTR	Geronimo	5.05	4.44	4.74
PST	Sun Storm	4.86	4.61	4.73
NTR	Mallard	4.62	4.83	4.73
NAg	NAI-19-179	5.62	3.83	4.73
PPG	Acoustic	4.33	5.11	4.72
SS	NAI-19-90	4.71	4.72	4.72
DLF	SR 2284	4.76	4.67	4.71

SPONSOR	CULTIVAR	Subjective Data		
		TQ Average 2022 Data	TQ Average 2023 Data	TQ Average 2022-2023 Data
PPG	A17-869	5.72	3.61	4.67
DLF	A12-1	4.90	4.22	4.56
NAg	Jersey	4.43	4.67	4.54
PPG	A20-10	4.81	4.28	4.54
SS	Wildhorse	4.52	4.50	4.51
SS	NAI-19-125	4.76	4.22	4.49
GOR	Super Moon (K14-141)	4.57	4.39	4.48
NTR	AKB1565	4.90	4.06	4.48
NTR	Tejas	4.67	4.28	4.47
NTR	En Gedi	4.10	4.83	4.47
PST	K16-178	4.81	4.11	4.46
PST	T15-42	4.24	4.55	4.39
NTR	AKB1658	4.33	4.39	4.36
PST	Harvest Moon	4.43	4.28	4.35
PST	K18-197	4.00	4.67	4.34
PST	Cutting Edge (K17-188AD)	4.53	4.11	4.32
PST	K15-163A	4.24	4.39	4.32
PST	Tirem	3.81	4.78	4.29
NAg	Kenblue	4.76	3.78	4.27
PST	K20-4	4.48	3.95	4.21
NTR	AKB2313	3.90	4.50	4.20
PPG	A12-266	4.57	3.83	4.20
DLF	A10-5	4.47	3.89	4.18
SS	NAI-19-190 LS	3.81	4.55	4.18
GOR	T14-37	3.81	4.50	4.16
PST	K19-203	4.57	3.67	4.12
NAg	NAI-17-49	3.67	4.56	4.11
PST	New Moon	4.04	4.11	4.08
DLF	Mercury	4.10	4.06	4.07
DLF	A12-2	4.14	4.00	4.07
PST	K13-140	3.33	4.56	3.95
PST	K19-207	3.70	4.11	3.93
NTR	AKB3456	3.95	3.89	3.92
PST	Desert Dream	3.67	4.17	3.92
PST	K15-168	3.86	3.95	3.90
NTR	Ridgeline	3.72	4.00	3.86
DLF	Fielder	3.33	4.33	3.83
SS	Kelly	3.81	3.72	3.77
NTR	AKB3869	3.33	4.00	3.66
NAg	Shamrock	2.95	4.33	3.64
NTR	AKB3208	3.38	3.89	3.63
PST	T15-43	3.19	3.94	3.57
NTR	AKB3548	3.57	3.56	3.57
NAg	NAI-19-42	3.19	3.94	3.56
NTR	AKB3605	3.33	3.66	3.50
NTR	AKB2543	3.19	3.67	3.43
PST	K19-201	3.52	3.28	3.40
NTR	AKB2733	2.91	3.78	3.35
SS	NAI-19-164	2.90	3.78	3.34
GOR	GO-KB20-1	3.81	2.55	3.18
PST	K15-169	2.38	3.56	2.97
PST	TX8-56	3.05	2.55	2.80
	CV	20.78	12.10	14.00
	LSD	1.34	0.74	0.88

TQ Average, 2022 Data: 1-9, 9=Best (7 ratings)  
 TQ Average, 2023 Data: 1-9, 9=Best (6 ratings)  
 TQ Average, 2022-2023 Data: 1-9, 9=Best (13 ratings)

CTBT 2023 data - 22CTFA1

Tall Fescue Turf Trial

2023 Year End Data

Location: Rutgers University (Adelphia, NJ)

Cooperator: Stacy Bonos

SPONSOR	CULTIVAR	Subjective Data				
		2022 Establishment	2022 Average Turf Quality	2023 Brown Patch	2023 Bill Bug Damage	2023 Average Turf Quality
PPG	PPG-TF 421	8.00	6.17	8.33	9.00	7.00
NAI	NAI-3BR22	7.67	6.50	7.00	7.00	6.89
PST	PST-521DT	8.67	7.50	7.67	8.67	6.89
NAI	NAI-SOTF22	7.67	6.33	8.00	8.67	6.89
PPG	PPG-TF 423	7.33	5.00	9.00	8.67	6.89
DLF	DLF-TF/3848	7.67	5.67	7.67	6.67	6.83
PST	PST-5LSM	8.00	5.67	8.00	9.00	6.72
PPG	PPG-TF 395	7.67	4.83	7.00	8.33	6.56
DLF	DLF-TF/3843	9.00	7.17	6.67	6.00	6.50
DLF	DLF-TF/3850	8.00	6.33	8.33	8.67	6.44
NTR	ATF1822	9.00	6.83	7.67	6.67	6.39
NTR	ATF1820	9.00	7.00	8.00	7.00	6.33
NTR	ATF2048	8.67	7.33	7.67	8.67	6.28
PPG	PPG-TF 374	9.00	7.00	7.00	6.67	6.28
PST	PST-5BVD	8.00	6.67	7.00	8.67	6.22
NTR	ATF2035	8.67	7.17	6.00	8.67	6.17
NTR	ATF2198	8.67	6.50	6.33	7.00	6.17
DLF	DLF-TF/3844	9.00	6.50	5.67	5.00	6.11
NAI	NAI-ST822	7.00	6.83	7.00	8.67	6.11
DLF	DLF-TF/3849	8.33	7.17	6.33	6.00	6.00
NTR	ATF2208	8.67	7.17	7.67	8.33	6.00
PPG	PPG-TF 397	8.33	5.67	7.67	9.00	6.00
PST	PST-5BP21	9.00	7.17	5.67	6.00	6.00
NTR	ATF2207	8.33	6.67	6.67	7.00	5.94
Check	Bladerunner 3	8.67	6.17	7.67	7.00	5.94
DLF	DLF-TF/3845	9.00	6.17	7.67	5.67	5.89
NTR	ATF2056	8.33	6.67	7.00	6.67	5.84
PST	PST-5CHWT	9.00	7.17	6.67	4.00	5.83
NTR	ATF2047	8.33	6.33	7.33	8.33	5.83
NAI	NAI-4FRX22	7.00	6.00	6.67	6.00	5.78
NTR	ATF2190	8.33	6.17	7.67	5.00	5.78
NTR	ATF2205	8.00	7.00	5.67	6.67	5.72
NTR	ATF2043	8.00	6.17	7.33	7.67	5.72
NTR	ATF2041	8.33	6.50	7.00	8.00	5.67
PST	PST-5CHWM	9.00	7.83	7.00	5.33	5.67
NTR	ATF2206	9.00	6.00	7.33	6.67	5.67
NTR	ATF1985	8.33	6.50	7.33	5.33	5.67
Check	GLX STAR (PST-5BGG)	9.00	7.17	7.67	5.67	5.66
Check	Rebel V	8.67	6.67	7.00	5.67	5.61
DLF	SR 8700	8.67	6.17	6.00	2.67	5.50
PST	PST-R5HD6	8.67	6.50	6.00	3.33	5.50
PPG	PPG-TF 372	8.67	6.67	6.00	3.67	5.50
NTR	ATF1738	9.00	6.67	6.00	5.33	5.45
DLF	DLF-TF/3839	9.00	6.50	5.00	7.00	5.45
NTR	ATF2059	9.00	7.00	7.33	6.33	5.44
NTR	ATF1835	8.33	6.50	5.67	5.67	5.39
Check	GLX Aced	9.00	8.00	5.67	3.00	5.33
PPG	PPG-TF 368	8.33	6.00	6.67	5.33	5.33
NTR	ATF2248	9.00	6.17	7.33	7.67	5.33
NTR	ATF2199	8.33	5.33	7.67	8.00	5.33
DLF	DLF-TF/3837	9.00	7.17	4.67	3.00	5.28
NTR	ATF1914	8.67	6.33	5.67	7.33	5.28
DLF	DLF-TF/3838	8.67	6.33	6.33	1.00	5.28

SPONSOR	CULTIVAR	2022	2022 Average Turf	2023 Brown Patch	2023 Bill Bug	2023 Average Turf
		Establishment	Quality		Damage	Quality
PST	PST-5VFD	8.00	6.50	3.67	3.67	5.22
Check	Vert	8.67	7.33	6.00	5.67	5.17
NTR	ATF1889	9.00	7.17	6.33	6.33	5.06
NTR	ATF1993	8.33	5.67	5.33	5.00	5.06
Check	Rowdier	9.00	6.50	5.33	5.00	5.05
DLF	DLF-TF/3840	7.00	5.50	5.00	2.00	5.00
Check	TALL BOY	9.00	7.17	4.67	2.00	4.95
NTR	ATF2209	7.33	5.50	6.00	6.33	4.94
UGA	UGA-G1	7.00	6.00	5.00	6.67	4.89
DLF	DLF-TF/3841	9.00	7.00	5.00	3.33	4.89
DLF	DLF-TF/3846	9.00	6.67	5.67	2.67	4.89
NTR	ATF2115	8.00	6.50	6.33	6.00	4.89
Check	Spyder 2LS	9.00	7.00	5.67	2.33	4.89
PST	PST-5TQBP	9.00	6.67	5.33	3.33	4.89
Check	Lifeguard	8.33	7.33	5.67	2.33	4.83
Check	Turfway	9.00	6.83	5.00	4.00	4.83
DLF	DLF-TF/3847	8.67	5.67	4.33	2.67	4.78
Check	Raceway	9.00	7.00	4.00	3.00	4.78
SS	SETF520	8.67	6.33	7.33	4.67	4.72
NTR	ATF2211	8.33	6.83	5.33	6.00	4.72
UGA	UGA-18NL1	7.33	6.33	6.00	3.00	4.72
NTR	ATF2054	8.67	6.17	6.67	6.67	4.67
DLF	DLF-TF/3842	8.67	5.83	6.33	4.00	4.66
PST	PST-5HAF9	9.00	7.00	5.33	3.33	4.61
SS	SETF221	8.00	5.67	5.33	5.67	4.61
PST	PST-520D	8.33	6.33	5.00	2.00	4.50
Check	Gazelle II	8.67	6.67	4.00	2.67	4.50
PST	PST-5DC320	8.67	5.50	3.33	3.67	4.33
Check	Rowdy	8.67	6.00	6.00	3.00	4.33
PST	PST-5FOE	9.00	5.33	4.67	3.00	4.33
SS	SETF222	7.33	5.50	4.67	6.67	4.22
SS	SETF320	8.67	6.17	5.00	3.33	4.11
Check	Grande 3	9.00	6.67	5.67	2.67	4.11
UGA	UGA-19C5	8.67	5.83	3.33	3.33	4.00
SS	TF 1895 CK	8.67	6.17	4.67	3.67	3.95
Check	Saltillo	9.00	6.00	5.33	3.00	3.94
PST	Easy Green	7.67	6.33	5.33	3.00	3.83
SS	SETF120	8.67	6.17	5.00	5.33	3.78
PST	PST-5NOG	8.33	5.83	4.67	1.67	3.66
NTR	ATF1758	8.33	5.33	4.33	2.67	3.56
UGA	UGA-17F3A	8.00	5.50	4.33	2.33	3.56
Check	Covenant II	9.00	7.17	3.67	2.33	3.44
UGA	UGA-T2	8.67	6.50	4.00	2.00	3.44
	CV	6.90	14.80	20.08	19.56	13.37
	LSD	0.79	1.29	1.68	1.43	0.97

2022 Establishment=(1 rating)

2022 Average Turf Quality=(2 ratings)

2023 Brown Patch=(1 rating)

2023 Bill Bug Damage=(1 rating)

2023 Average Turf Quality=(6 ratings)



CTBT 2023 Data - 21CTPP4  
 Kentucky Bluegrass Turf Trial  
 2023 Year End Data  
 Location: Rolesville, North Carolina  
 Cooperator: Dr. Melodee Fraser

SPONSOR	CULTIVAR	Subjective Data				
		Summer Patch	Summer Patch Recovery	Dollar Spot 2023 Average	Turf Quality 2023 Average	Turf Quality 2022-2023 Average
NTR	AKB2949	3.67	2.33	8.50	6.25	6.00
PST	Right	3.67	3.67	5.67	4.92	5.39
PST	T17-47	3.33	2.33	7.00	5.37	5.39
SS	Skye	1.67	2.67	6.50	5.00	5.39
DLF	A05-361	4.33	4.00	7.50	5.50	5.38
SS	NAI-19-90	2.67	3.33	4.67	4.83	5.37
NAg	NAI-19-58	1.67	1.33	6.00	4.92	5.36
PPG	A18-7	6.33	6.67	7.67	5.13	5.35
NTR	AKB3593	1.33	1.33	8.17	5.54	5.35
NTR	AKB2836	2.33	2.33	8.00	5.37	5.33
NTR	Valley View	4.33	3.33	7.67	5.04	5.31
NTR	AKB3201	3.00	2.67	7.67	5.08	5.29
PST	K17-187	2.00	2.00	6.67	5.00	5.28
NAg	NAI-19-92	1.67	1.33	4.17	4.75	5.28
PST	K20-1	4.00	3.00	8.50	5.21	5.26
PST	K20-3	1.33	1.33	7.83	5.17	5.22
NAg	NAI-17-49	3.00	3.00	7.83	5.25	5.20
PST	K19-208	3.00	2.67	4.67	4.71	5.13
NTR	AKB2769	4.67	4.33	8.00	5.08	5.11
NTR	AKB3548	1.33	1.33	8.00	4.84	5.09
NTR	Deja Blue	1.00	1.67	8.33	5.21	5.05
PST	K16-178	2.33	2.00	6.67	4.96	5.02
NTR	AKB2795	5.67	5.00	8.00	5.00	5.01
DLF	A19-4	4.00	3.00	7.33	4.83	5.01
NTR	Delta Blue	1.33	1.67	7.67	5.17	5.01
PST	K13-140	2.33	2.67	5.00	4.54	5.00
PPG	Acoustic	3.33	3.00	7.67	4.88	4.99
PST	Cutting Edge (K17-188AD)	5.33	6.00	6.00	4.88	4.99
PST	K19-206	5.00	5.67	7.83	4.92	4.97
PST	SR 2284	2.33	2.00	8.83	4.95	4.96
SS	NAI-19-188 LS	2.00	2.00	6.67	4.92	4.96
NTR	AKB2403	1.67	1.67	7.67	5.17	4.96
SS	SEKB-4272	3.00	2.00	6.67	5.42	4.94
PPG	A20-10	9.00	9.00	5.17	5.13	4.94
PPG	A18-9	6.00	6.00	8.50	5.29	4.93
PST	New Moon	1.33	1.33	7.50	4.54	4.93
NTR	AKB3363	2.00	1.67	8.33	5.17	4.93
DLF	A11-49	1.33	2.00	7.00	4.63	4.92
PST	Desert Dream	6.67	7.00	5.67	4.71	4.91
PPG	Bolt	5.33	6.33	6.17	4.55	4.90
DLF	A14-417	1.33	2.67	5.33	4.21	4.88
PPG	A20-13	7.00	7.33	4.83	4.71	4.81
PST	T15-44	3.33	3.67	5.00	4.41	4.80
PST	Sun Storm	1.33	1.33	7.33	4.75	4.80
PST	K21-6	2.67	2.33	7.67	5.21	4.79
NTR	Mallard	3.33	3.33	8.50	4.87	4.79
NAg	Shamrock	2.67	2.67	6.83	4.67	4.78
PPG	A19-16	5.67	7.00	7.33	4.79	4.73
DLF	A12-3	3.67	2.33	7.83	4.83	4.72
PST	Tirem	7.33	7.00	6.67	4.96	4.71
NTR	Ridgeline	2.33	2.33	8.17	4.62	4.70
SS	NAI-19-166	1.67	1.67	5.00	4.29	4.69
PST	Harvest Moon	4.33	4.00	7.67	4.21	4.69
DLF	A17-4	3.67	4.00	5.00	4.41	4.67
PST	K19-207	1.33	1.67	5.67	4.38	4.67
NAg	NAI-17-4	8.00	8.33	5.33	4.66	4.66
PPG	A20-12	6.00	5.67	5.83	5.00	4.66
GOR	Super Moon (K14-141)	2.67	2.00	6.00	4.54	4.65
NTR	AKB2313	1.00	1.00	6.00	4.58	4.63

SPONSOR	CULTIVAR	Subjective Data				
		Summer Patch	Summer Patch Recovery	Dollar Spot 2023 Average	Turf Quality 2023 Average	Turf Quality 2022-2023 Average
PST	T15-42	5.00	4.67	5.83	4.25	4.58
PST	K20-4	2.00	2.67	6.50	4.29	4.56
NTR	Tejas	3.00	2.67	5.83	4.29	4.53
SS	Isabel	3.67	3.67	6.83	4.54	4.52
NTR	AKB3125	5.00	5.00	7.83	4.50	4.52
PPG	A17-869	7.33	8.33	5.50	4.04	4.51
DLF	A15-7	5.33	4.67	6.83	4.46	4.51
NTR	AKB3456	1.67	2.00	7.67	4.58	4.47
NTR	AKB2733	1.67	1.67	7.00	4.21	4.47
NTR	AKB2543	1.00	1.00	7.50	4.17	4.44
PST	K19-204	1.00	1.67	7.17	4.33	4.43
PST	K18-199	1.00	1.00	4.67	3.83	4.43
DLF	A12-2	2.33	3.33	6.33	4.34	4.42
NAg	Jersey	2.33	2.00	5.50	4.09	4.40
PPG	A12-266	2.00	2.67	5.50	3.92	4.38
SS	NAI-19-190 LS	4.00	4.33	7.67	4.88	4.36
PST	K19-201	5.00	5.00	8.33	4.42	4.35
NAg	NAI-19-45	2.67	2.67	7.17	4.42	4.32
DLF	A12-1	5.67	6.00	6.00	4.29	4.31
NTR	AKB1565	3.00	3.33	7.17	4.13	4.31
SS	Wildhorse	2.00	2.33	5.33	4.08	4.30
PPG	A19-1	1.67	2.00	6.00	3.96	4.30
DLF	A15-8	3.00	3.67	5.33	4.04	4.29
NTR	AKB3216	1.67	1.33	7.17	3.92	4.28
PST	K15-168	2.00	1.33	7.67	4.21	4.27
PST	K15-163A	1.67	2.00	6.33	4.21	4.23
NAg	NAI-15-90	3.67	3.00	7.00	4.17	4.23
NTR	AKB3869	1.33	1.00	7.67	3.88	4.23
PST	TX8-56	1.33	1.67	4.50	3.63	4.19
SS	NAI-19-83	1.00	1.33	5.50	3.92	4.19
NTR	AKB3208	5.00	4.67	6.33	4.08	4.19
GOR	T14-37	3.67	2.33	5.00	3.75	4.18
DLF	A10-5	2.33	2.67	7.17	4.25	4.13
NTR	En Gedi	2.33	1.67	8.17	4.12	4.07
DLF	Mercury	5.67	5.67	5.83	3.96	3.98
NAg	NAI-19-64	5.33	5.67	5.33	3.50	3.98
NAg	NAI-19-179	3.33	4.33	5.33	3.54	3.97
DLF	Fielder	2.00	3.33	5.00	3.66	3.97
DLF	A15-480	1.33	2.00	4.50	3.25	3.94
PST	K19-202	3.00	3.33	7.67	3.92	3.93
NAg	Kenblue	8.00	9.00	2.67	3.83	3.89
PST	K19-203	1.67	1.67	7.50	3.75	3.87
NTR	AKB3179	1.33	1.33	7.33	3.79	3.86
NTR	Geronimo	5.00	5.67	5.17	3.25	3.85
SS	Kelly	2.00	3.67	3.83	3.17	3.84
DLF	SR 2150	3.00	4.00	8.33	3.00	3.63
PST	T15-43	3.00	1.67	7.83	4.42	3.61
PST	K18-197	4.67	3.33	8.17	3.75	3.47
SS	NAI-19-125	4.33	5.00	5.50	3.63	3.41
NAg	NAI-19-42	5.33	6.00	7.67	3.25	3.29
SS	NAI-19-181	1.33	2.33	6.33	3.04	3.26
GOR	GO-KB20-1	2.67	3.00	2.50	2.84	3.25
PST	K15-169	2.67	2.00	8.67	4.33	3.10
SS	NAI-19-164	6.00	6.33	6.00	2.63	2.59
	CV	40.57	38.64	17.06	10.18	7.67
	LSD	1.80	1.74	1.53	0.62	0.48

2023 Summer Patch=1-9; 9=No Disease (1 rating)  
2023 Summer Patch Recovery=1-9; 9=100% recovered (1 rating)  
2023 Dollar Spot Average=1-9; 9=no disease (2 ratings)

2023 Turf Quality Average=1-9; 9=Best (8 ratings)  
2022-2023 Turf Quality Average=1-9, 9=Best (23 ratings)

CTBT 2023 Data - 22CTFA4  
 Tall Fescue Turf Trial  
 2023 Year End Data  
 Location: Rolesville, North Carolina  
 Cooperator: Dr. Melodee Fraser

SPONSOR	CULTIVAR	Subjective Data	
		Brown Patch 2023 Average	Turf Quality 2023 Average
PPG	PPG-TF 374	8.33	6.41
DLF	DLF-TF/3843	8.33	6.05
DLF	DLF-TF/3849	7.50	6.05
PPG	PPG-TF 372	8.17	6.02
Check	Spyder 2LS	7.33	6.00
Check	Bladerunner 3	6.83	5.97
PPG	PPG-TF 396	6.83	5.95
DLF	DLF-TF/3844	7.17	5.95
PPG	PPG-TF 421	7.50	5.95
PST	PST-5CHWT	7.50	5.92
DLF	DLF-TF/3838	8.00	5.92
Check	Raceway	6.33	5.90
Check	ATF1612 (Vert)	7.00	5.90
DLF	DLF-TF/3841	7.67	5.87
NTR	ATF1820	7.67	5.87
NTR	ATF1822	6.67	5.82
NTR	ATF2056	6.33	5.82
DLF	DLF-TF/3845	7.67	5.82
PPG	PPG-TF 395	7.50	5.80
DLF	DLF-TF/3842	6.50	5.79
NAI	NAI-3BR22	6.00	5.77
NAI	NAI-BNTB22	6.83	5.77
PST	PST-R5HD6	7.33	5.77
DLF	DLF-TF/3846	7.67	5.74
PST	PST-5HAF9	5.67	5.72
DLF	DLF-TF/3848	7.67	5.72
PST	PST-5LSM	5.67	5.69
Check	GLX Aced	6.67	5.69
DLF	SR 8700	6.83	5.61
Check	DLF-TF/3847	6.33	5.59
Check	GLX STAR (PST-5BGG)	6.00	5.59
NTR	ATF2059	6.83	5.59
DLF	DLF-TF/3837	5.50	5.57
PPG	PPG-TF 368	7.00	5.54
Check	Lifeguard	6.17	5.54
PPG	PPG-TF 420	6.33	5.54
DLF	DLF-TF/3839	5.33	5.54
NTR	ATF2207	5.50	5.51
NAI	NAI-SOTF22	5.50	5.49
NTR	ATF2054	5.33	5.49
PST	PST-5TQ8P	8.00	5.49
NTR	ATF2208	6.33	5.49
NTR	ATF2048	6.33	5.46
PST	PST-5CHWM	7.67	5.46
Check	Rowdy	6.67	5.46
NTR	ATF2199	6.33	5.46

SPONSOR	CULTIVAR	Subjective Data	
		Brown Patch 2023 Average	Turf Quality 2023 Average
PST	PST-5VFD	5.83	5.46
Check	ATF1736 (Rebel V)	7.00	5.38
PST	PST-5NOG	8.00	5.36
DLF	DLF-TF/3840	7.50	5.36
NTR	ATF1738	6.50	5.31
Check	Rowdier	6.17	5.31
PST	PST-5BVD	7.17	5.31
NTR	ATF2115	5.67	5.31
PST	PST-520D	7.33	5.28
NTR	ATF2198	7.17	5.26
SS	SETF221	5.33	5.26
Check	Gazelle II	6.50	5.26
NTR	ATF1993	6.50	5.26
NTR	ATF1835	4.17	5.18
Check	TALL BOY	5.33	5.16
NTR	ATF2211	5.00	5.15
NTR	ATF1914	6.67	5.13
UGA	UGA-19C5	4.17	5.08
NTR	ATF2190	7.83	5.08
NTR	ATF2043	6.00	5.08
UGA	UGA-17F3A	5.50	5.08
NTR	ATF1889	5.50	5.07
NTR	ATF2209	5.67	5.07
NTR	ATF2047	5.00	5.05
NTR	ATF2041	6.00	5.05
Check	Grande 3	6.83	5.05
PST	PST-5CHR	7.00	5.05
Check	Turfway	5.67	5.02
NTR	ATF2206	4.67	4.98
NTR	ATF1985	6.00	4.97
UGA	UGA-18NL1	5.67	4.92
PST	PST-5FOE	6.50	4.92
PST	PST-5DC320	4.83	4.90
SS	SETF520	6.00	4.90
PST	Easy Green	6.00	4.87
NAI	NAI-4FRX22	4.33	4.87
NTR	ATF2035	4.83	4.85
Check	Covenant II	4.33	4.80
UGA	UGA-T2	6.00	4.77
Check	Saltillo	6.67	4.74
UGA	UGA-G1	4.17	4.74
SS	SETF120	4.17	4.74
SS	SETF222	5.00	4.69
SS	TF 1895 CK	3.67	4.46
SS	SETF320	5.33	4.33
NTR	ATF1758	6.67	4.25
	CV	16.84	6.50
	LSD	1.45	0.48

2023 Brown Patch=1-9;9=No Disease (2 ratings)  
 2023 Turf Quality=1-9;9=Best (13 ratings)

SPONSOR	CULTIVAR	Objective Data						Objective Data					
		2023 Average Percent Cover	2023 Average Cover	2023 Average Genetic Color	2023 Average Density	2023 Average Uniformity	2023 Average Turf Quality	2022-2023 Average Percent Cover	2022-2023 Average Cover	2022-2023 Average Genetic Color	2022-2023 Average Density	2022-2023 Average Uniformity	2022-2023 Average Turf Quality
GOR	Super Moon (K14-141)	82.65	6.11	6.72	5.06	6.71	6.15	86.78	6.46	5.72	4.36	6.82	5.84
PST	New Moon	79.14	6.35	7.25	5.62	4.91	6.03	80.50	5.82	6.61	5.34	5.31	5.77
NTR	AKB2543	80.51	5.93	7.00	5.58	6.28	6.20	82.06	5.57	6.18	5.02	6.26	5.76
NAg	NAI-17-49	78.36	6.21	7.23	5.75	5.71	6.22	80.88	5.63	6.42	5.07	5.89	5.75
PPG	Acoustic	77.99	6.17	7.03	6.24	6.30	6.43	79.52	5.63	5.93	5.39	6.05	5.75
NTR	Ridgeline	83.48	5.91	7.33	5.54	5.30	6.02	86.03	5.98	6.53	4.78	5.56	5.71
NTR	AKB3216	77.64	5.39	6.67	5.95	6.12	6.03	80.86	5.37	5.89	5.27	6.27	5.70
GOR	T14-37	76.55	5.11	6.52	6.64	4.95	5.80	81.42	5.37	6.19	5.97	5.22	5.69
PPG	A20-13	81.39	6.00	6.61	5.44	5.82	5.97	85.14	6.13	5.72	4.77	6.13	5.69
DLF	A14-417	81.85	6.23	7.00	5.23	6.04	6.13	84.36	6.04	5.94	4.43	6.28	5.67
PST	K15-168	76.25	5.30	6.65	6.11	4.97	5.76	81.55	5.44	6.14	5.47	5.56	5.65
PST	T15-44	81.05	5.71	6.36	4.80	6.35	5.81	86.57	6.33	5.54	4.33	6.39	5.65
PST	K19-204	78.44	5.66	6.83	6.23	6.22	6.23	80.87	5.26	6.15	5.50	5.68	5.65
NTR	Valley View	77.78	5.72	6.66	6.11	5.83	6.08	81.15	5.53	5.93	5.35	5.76	5.64
NTR	AKB3605	82.17	5.41	7.73	5.61	4.60	5.84	84.32	5.36	7.30	5.02	4.90	5.64
NTR	Delta Blue	78.04	5.74	6.85	5.32	5.91	5.96	80.78	5.29	6.24	4.80	6.15	5.62
PPG	A18-7	80.70	5.92	7.00	4.73	5.87	5.88	83.79	5.89	6.26	4.27	6.02	5.61
NAg	NAI-19-92	85.58	5.53	6.10	4.78	6.52	5.73	88.43	6.16	5.34	4.16	6.80	5.61
PST	K17-182	81.77	5.47	6.80	5.17	5.47	5.73	85.13	5.76	5.99	4.74	5.93	5.61
NTR	AKB3201	82.02	6.15	6.95	5.17	6.45	6.18	84.33	5.94	5.95	4.52	5.99	5.60
DLF	Martha	81.93	6.19	6.55	3.91	6.63	5.82	85.85	6.36	5.69	3.42	6.90	5.59
DLF	SR 2150	80.04	5.90	6.53	5.81	6.69	6.23	82.85	5.66	5.48	4.91	6.29	5.59
NTR	Mallard	80.56	6.07	7.27	4.76	4.68	5.70	84.36	6.04	6.55	4.42	5.33	5.58
PST	K20-1	79.67	5.76	6.68	5.56	6.70	6.17	81.42	5.34	5.50	4.89	6.60	5.58
NAg	Jersey	82.51	5.89	6.37	5.39	5.82	5.87	84.70	5.76	5.35	4.94	6.28	5.58
NTR	AKB1565	81.15	6.04	6.91	4.29	6.05	5.82	85.33	6.16	5.92	3.94	6.29	5.58
NTR	AKB2795	81.99	5.50	6.65	4.82	6.17	5.78	84.84	5.68	5.76	4.40	6.42	5.57
PST	K16-178	78.85	4.88	6.80	6.30	5.25	5.81	82.58	5.13	6.02	5.46	5.66	5.56
PST	Tirem	83.28	5.29	7.11	5.42	5.31	5.78	84.53	5.49	6.14	4.77	5.85	5.56
PST	Tejas	81.50	5.94	6.31	4.76	6.26	5.82	85.03	5.94	5.26	4.32	6.67	5.55
PST	K19-208	81.62	5.63	6.81	4.84	6.41	5.92	83.71	5.60	5.92	4.27	6.39	5.54
PST	K19-201	73.63	5.76	6.32	5.62	5.91	5.90	78.86	5.69	5.52	4.98	5.96	5.54
DLF	A05-361	87.28	6.14	6.74	3.58	5.89	5.59	89.17	6.45	6.07	3.42	6.18	5.53
NAg	Shamrock	81.97	5.39	6.49	5.22	6.58	5.92	84.76	5.52	5.64	4.71	6.25	5.53
DLF	SR 2284	81.97	5.90	6.84	4.07	5.47	5.57	86.26	6.17	6.00	3.75	6.13	5.51
PST	K15-169	74.66	5.03	7.14	6.44	4.75	5.84	78.71	4.85	6.63	5.72	4.85	5.51
PST	Desert Dream	82.38	5.85	6.94	5.60	5.19	5.89	83.87	5.58	5.91	4.87	5.64	5.50
NTR	AKB2403	77.82	5.87	6.79	5.03	5.68	5.84	80.40	5.32	5.86	4.60	6.23	5.50
DLF	A12-3	81.85	5.66	6.98	4.77	6.10	5.88	84.12	5.52	6.24	4.28	5.96	5.50
NTR	AKB3208	77.12	5.22	6.60	5.63	5.60	5.76	81.09	5.25	6.05	5.05	5.62	5.49
DLF	A10-5	75.39	5.09	6.37	5.97	5.69	5.78	80.47	5.17	5.48	5.15	6.16	5.49
PPG	Bolt	83.80	5.93	6.06	3.82	7.35	5.79	86.34	6.06	4.91	3.45	7.52	5.49
DLF	Fielder	78.13	5.80	6.49	5.57	5.94	5.95	81.65	5.43	5.58	5.00	5.92	5.49
PST	K15-163A	76.86	5.13	6.41	4.96	6.74	5.81	81.59	5.34	5.58	4.54	6.48	5.49
PST	Cutting Edge (K17-188AD)	81.66	5.49	6.81	5.29	5.88	5.87	83.43	5.41	5.75	4.69	6.08	5.48
NTR	AKB2949	77.65	5.58	6.78	5.33	6.30	6.00	80.83	5.35	5.93	4.64	6.00	5.48
PST	K20-3	74.10	5.32	6.87	4.74	4.53	5.36	80.30	5.48	6.57	4.39	5.43	5.47
PST	K19-202	72.51	5.04	6.68	5.99	5.65	5.84	73.81	4.67	5.91	5.42	5.87	5.47
SS	NAI-19-181	78.19	4.91	6.65	5.63	6.65	5.96	80.00	4.70	6.06	5.18	5.94	5.47
SS	Wildhorse	80.93	5.45	6.33	5.45	6.06	5.82	84.30	5.60	5.39	4.77	6.09	5.46
PST	Harvest Moon	82.04	5.34	6.70	5.66	6.03	5.93	83.29	5.25	5.49	5.00	6.10	5.46
DLF	Mercury	80.99	6.05	6.88	4.75	5.86	5.88	83.26	5.75	5.73	4.28	6.09	5.46
PST	Right	80.42	5.84	6.86	4.81	6.39	5.98	82.52	5.52	5.84	4.31	6.18	5.46
PPG	A20-12	76.81	4.66	6.13	5.00	6.89	5.67	82.57	5.29	5.38	4.41	6.74	5.46
NTR	AKB3125	76.01	5.78	6.37	5.48	4.87	5.63	80.64	5.67	5.47	5.05	5.60	5.44
DLF	A12-1	77.24	5.72	6.12	4.81	6.28	5.73	81.04	5.56	5.34	4.32	6.55	5.44
PST	T15-42	82.48	5.70	6.26	4.37	6.66	5.75	86.03	6.02	5.17	3.97	6.55	5.43
PPG	A19-16	80.50	5.92	6.44	3.93	5.96	5.56	85.78	6.37	5.41	3.50	6.39	5.41
SS	NAI-19-90	82.81	5.75	6.07	4.55	6.34	5.68	86.29	6.06	5.28	3.99	6.27	5.40
PST	T17-47	85.73	5.63	6.46	4.44	5.88	5.60	88.46	6.20	5.60	3.95	5.81	5.39
NTR	AKB1658	81.09	5.94	6.86	4.86	5.31	5.74	82.38	5.64	5.88	4.48	5.54	5.38
PPG	A19-1	77.30	5.30	6.13	5.01	6.26	5.68	82.91	5.73	5.17	4.29	6.34	5.38
NTR	Deja Blue	84.10	5.82	6.34	4.04	6.16	5.59	87.30	6.19	5.25	3.51	6.50	5.37
PST	K19-203	79.11	4.60	6.31	4.88	6.38	5.54	82.30	5.03	5.48	4.33	6.58	5.36
SS	Skye	73.94	5.15	6.18	4.79	5.91	5.51	78.50	5.09	5.36	4.43	6.52	5.35
SS	NAI-19-164	81.51	5.33	7.01	4.96	5.99	5.83	78.90	4.92	6.23	4.76	5.50	5.35
PST	Sun Storm	76.19	4.89	6.89	5.38	5.05	5.55	76.77	4.75	6.16	5.17	5.31	5.35
NTR	AKB3179	73.89	5.10	6.60	5.72	6.02	5.86	75.06	4.58	5.64	5.07	6.08	5.35
DLF	A19-4	74.81	5.05	6.69	5.44	5.44	5.65	77.34	4.85	5.83	5.01	5.68	5.34
SS	NAI-19-190 LS	79.55	5.57	6.44	4.92	6.18	5.78	82.69	5.45	5.41	4.35	6.15	5.34
DLF	A12-2	78.56	5.52	6.36	5.11	5.75	5.69	81.99	5.35	5.59	4.60	5.81	5.34
NAg	NAI-19-42	83.27	5.14	6.92	4.52	6.05	5.66	83.77	5.16	6.06	4.22	5.91	5.34
SS	NAI-19-166	79.71	5.31	6.34	5.07	5.31	5.51	82.91	5.40	5.34	4.66	5.96	5.34
PST	K20-4	81.60	5.27	7.24	4.89	4.46	5.47	83.45	5.26	6.48	4.40	5.18	5.33
DLF	A15-7	74.69	4.81	6.56	5.53	5.13	5.50	78.95	4.75	5.88	5.16	5.52	5.33
PPG	A18-9	80.12	5.96	6.79	4.68	5.48	5.73	76.90	5.43	5.58	4.30	5.94	5.31
PST	K18-197	74.33	4.70	6.78	6.33	4.56	5.59	76.11	4.48	6.03	5.75	4.97	5.31
SS	NAI-19-83	79.02	5.38	6.34	4.54	6.42	5.67	81.35	5.29	5.31	4.03	6.56	5.30
NTR	En Gedi	74.90	5.23	6.69	6.03	5.59	5.89	77.08	4.79	5.78	5.07	5.55	5.29
SS	NAI-19-188 LS	81.35	5.13	6.22	4.75	6.27	5.59	84.40	5.44	5.19	4.06	6.48	5.29
PST	T15-43	77.23	5.18	6.60	5.59	5.07	5.61	80.55	5.08	5.93	4.81	5.35	5.29
NTR	AKB3456	80.50	4.58	6.52	4.76	6.32	5.55	83.21	4.78	5.65	4.34	6.38	5.29
NTR	AKB3363	78.18	5.22	6.70	4.90	5.86	5.67	78.23	4.88	5.60	4.55	6.11	5.28
NTR	AKB3593	81.25	5.80	6.54	4.48	5.83	5.66	84.48	5.79	5.44	4.00	5.90	5.28
NAg	NAI-15-90	78.44	5.48	6.40	4.52	5.79	5.55	81.28	5.27	5.27	4.17	6.37	5.27
DLF	A15-8	79.34	5.49	6.20	5.36	5.78	5.71	82.05	5.25	4.87	4.79	6.10	5.25
PST	K18-199	76.98	4.75	6.15	4.81	5.84	5.39	82.42	5.18	5.18	4.28	6.30	5.25
NTR	AKB2836	81.87	5.25	6.28	3.78	6.68	5.50	83.81	5.29	5.36	3.40	6.92	5.24
NTR	AKB2769	79.86	5.58	6.50	4.77	6.44	5.82	81.61	5.22	5.39	4.09	6.23	5.24
NTR	AKB2733	79.18	5.34	6.72	5.70	4.56	5.58	79.67	4.72	5.77	5.08	5.31	5.22

SPONSOR	CULTIVAR	2023 Average Percent Cover	2023 Average Cover	2023 Average Genetic Color	2023 Average Density	2023 Average Uniformity	2023 Average Turf Quality	2022-2023 Average Percent Cover	2022-2023 Average Cover	2022-2023 Average Genetic Color	2022-2023 Average Density	2022-2023 Average Uniformity	2022-2023 Average Turf Quality
DLF	A17-4	73.46	5.16	6.03	5.02	6.06	5.57	78.67	5.07	5.01	4.47	6.27	5.20
NAg	NAI-19-45	75.56	5.07	6.46	4.31	5.76	5.40	79.20	5.08	5.54	4.20	5.97	5.20
SS	NAI-19-125	75.69	4.57	6.31	4.97	6.43	5.57	78.16	4.52	5.07	4.51	6.69	5.20
PPG	A12-266	73.66	5.12	6.54	4.99	5.93	5.64	74.69	4.73	5.14	4.48	6.38	5.19
NTR	Geronimo	76.10	4.90	6.20	4.74	6.34	5.55	77.62	4.64	5.24	4.37	6.43	5.17
PST	K17-187	72.30	4.51	6.50	5.31	6.14	5.62	75.16	4.55	5.41	4.49	6.18	5.16
NAg	NAI-19-58	74.83	4.45	6.64	5.00	4.96	5.26	79.39	4.72	5.59	4.55	5.74	5.15
PST	K13-140	81.77	5.41	6.07	4.90	5.99	5.59	83.45	5.36	5.10	4.05	6.05	5.14
NTR	AKB2313	78.19	5.40	6.59	4.96	5.77	5.68	78.37	4.48	5.37	4.67	6.02	5.13
PST	TX8-56	71.59	5.10	6.02	4.83	5.59	5.38	75.82	4.70	5.18	4.47	6.06	5.10
SS	Kelly	76.89	4.65	6.57	4.92	5.88	5.50	76.99	4.53	5.35	4.52	6.00	5.10
NAg	NAI-19-179	75.64	4.51	6.11	4.44	6.94	5.50	77.00	4.39	5.07	4.14	6.72	5.08
PST	K19-207	77.81	4.78	6.69	5.23	5.11	5.45	78.39	4.44	5.66	4.81	5.36	5.07
PPG	A20-10	79.25	4.92	6.23	5.38	4.81	5.34	81.72	4.88	5.05	4.84	5.51	5.07
NAg	NAI-19-64	76.63	4.58	6.16	4.37	6.06	5.29	77.85	4.44	5.14	4.07	6.36	5.00
DLF	A15-480	74.33	4.56	5.88	4.86	5.92	5.30	78.97	4.87	4.74	4.26	6.03	4.97
PST	K19-206	72.32	4.28	5.88	4.75	6.36	5.32	76.77	4.16	4.70	4.29	6.66	4.95
NAg	NAI-17-4	61.15	2.17	5.64	5.02	5.50	4.58	74.40	3.94	4.82	4.31	6.24	4.82
SS	SEKB-4272	78.69	4.97	6.48	4.31	4.82	5.14	80.06	4.73	5.31	3.93	5.31	4.82
PPG	A17-869	70.84	4.63	5.92	5.41	4.62	5.15	75.92	4.76	4.64	4.67	5.22	4.82
PST	K21-6	69.02	3.03	5.88	5.10	5.44	4.86	76.58	3.98	4.98	4.58	5.52	4.76
GOR	GO-KB20-1	61.24	2.08	6.03	5.17	4.74	4.50	69.08	2.60	4.98	4.65	5.43	4.41
NAg	Kenblue	56.15	1.57	5.46	4.80	5.45	4.32	66.60	2.36	4.25	4.12	5.87	4.15
	CV	3.63	7.41	1.88	6.03	12.89	4.14	2.26	5.86	3.33	4.23	8.59	3.34
	LSD	3.83	0.53	0.17	0.42	1.01	0.32	2.48	0.42	0.25	0.26	0.70	0.24

2023 Average Percent Cover = (4 ratings)  
2023 Average Cover = 1-9; 9=Most Cover (4 ratings)  
2023 Average Genetic Color = 1-9; 9=Darkest (4 ratings)  
2023 Average Density = 1-9; 9=Most Dense (4 ratings)  
2023 Average Turf Quality = 1-9; 9=Best (4 ratings)  
2023 Average Uniformity Quality = 1-9; 9=Best (4 ratings)  
2022-2023 Average Percent Cover = (9 ratings)  
2022-2023 Average Cover = 1-9; 9=Most Cover (10 ratings)  
2022-2023 Average Genetic Color = 1-9; 9=Darkest (10 ratings)  
2022-2023 Average Density = 1-9; 9=Most Dense (10 ratings)  
2022-2023 Average Turf Quality = 1-9; 9=Best (10 ratings)  
2022-2023 Average Uniformity Quality = 1-9; 9=Best (10 ratings)

**Confidence intervals (95%) for the amount of moisture lost to evapotranspiration before 117 Kentucky Bluegrass entries from data set 21CTPP12 reach 75, 50 and 25% green cover. Entries are ranked based on their ET50 values.**

<b>Selection</b>	<b>ET<sub>75</sub></b>		<b>ET<sub>50</sub></b>		<b>ET<sub>25</sub></b>	
Mallard	6.460 to 7.023	6.7	7.947 to 8.355	8.2	9.234 to 9.887	9.6
Tirem	5.380 to 6.178	5.8	6.852 to 7.431	7.1	8.085 to 8.923	8.5
Super Moon (K14-141)	5.175 to 5.925	5.6	6.624 to 7.168	6.9	7.850 to 8.635	8.2
New Moon	5.366 to 5.819	5.6	6.726 to 7.057	6.9	7.953 to 8.427	8.2
K15-168	4.890 to 5.688	5.3	6.462 to 7.035	6.7	7.790 to 8.626	8.2
TX8-56	4.332 to 5.283	4.8	6.148 to 6.820	6.5	7.664 to 8.657	8.2
NAI-17-4	4.958 to 5.334	5.1	6.309 to 6.580	6.4	7.546 to 7.938	7.7
AKB3548	4.295 to 4.792	4.5	6.251 to 6.600	6.4	8.046 to 8.570	8.3
AKB1565	4.635 to 5.341	5.0	6.130 to 6.633	6.4	7.411 to 8.139	7.8
Desert Dream	4.772 to 5.306	5.0	6.169 to 6.551	6.4	7.406 to 7.958	7.7
A05-361	4.709 to 5.660	5.2	6.003 to 6.693	6.3	7.010 to 8.011	7.5
K19-203	4.589 to 5.203	4.9	6.119 to 6.555	6.3	7.463 to 8.094	7.8
Cutting Edge (K17-188AD)	4.207 to 5.394	4.8	5.899 to 6.738	6.3	7.229 to 8.447	7.8
A11-49	4.520 to 5.275	4.9	5.992 to 6.528	6.3	7.235 to 8.010	7.6
A12-1	4.327 to 5.274	4.8	5.891 to 6.560	6.2	7.168 to 8.135	7.7
NAI-17-49	4.385 to 5.136	4.8	5.949 to 6.480	6.2	7.285 to 8.052	7.7
SR 2284	4.633 to 5.169	4.9	5.986 to 6.366	6.2	7.176 to 7.726	7.5
A18-7	4.416 to 5.246	4.8	5.881 to 6.469	6.2	7.094 to 7.943	7.5
AKB3125	5.078 to 5.320	5.2	6.061 to 6.235	6.1	6.967 to 7.227	7.1
Deja Blue	4.783 to 5.082	4.9	6.012 to 6.224	6.1	7.149 to 7.458	7.3
K15-169	4.113 to 4.610	4.4	5.931 to 6.278	6.1	7.594 to 8.101	7.8
Harvest Moon	4.316 to 5.180	4.7	5.785 to 6.393	6.1	6.991 to 7.869	7.4
K17-182	4.352 to 4.757	4.6	5.942 to 6.226	6.1	7.410 to 7.819	7.6
T17-47	4.632 to 4.995	4.8	5.930 to 6.186	6.1	7.118 to 7.488	7.3
Isabel	4.440 to 4.878	4.7	5.845 to 6.152	6.0	7.118 to 7.559	7.3
Fielder	4.391 to 4.929	4.7	5.781 to 6.157	6.0	7.007 to 7.549	7.3
Delta Blue	4.257 to 4.729	4.5	5.779 to 6.108	5.9	7.157 to 7.629	7.4
AKB3605	4.053 to 4.476	4.3	5.785 to 6.080	5.9	7.388 to 7.813	7.6
A12-3	4.448 to 4.863	4.7	5.775 to 6.065	5.9	6.975 to 7.394	7.2
Acoustic	4.220 to 4.797	4.5	5.714 to 6.116	5.9	7.034 to 7.610	7.3
Ridgeline	4.335 to 4.769	4.6	5.764 to 6.066	5.9	7.060 to 7.494	7.3
K15-163A	4.405 to 4.886	4.6	5.728 to 6.063	5.9	6.904 to 7.387	7.1
T15-44	4.657 to 4.951	4.8	5.791 to 5.995	5.9	6.833 to 7.132	7.0
K15-163A	4.399 to 4.814	4.6	5.732 to 6.020	5.9	6.938 to 7.353	7.1
A19-16	4.153 to 5.052	4.6	5.559 to 6.183	5.9	6.690 to 7.589	7.1
NAI-19-125	4.342 to 4.728	4.5	5.680 to 5.947	5.8	6.900 to 7.284	7.1
K19-207	3.529 to 4.452	4.0	5.491 to 6.134	5.8	7.170 to 8.098	7.6
K20-3	3.997 to 5.044	4.5	5.438 to 6.162	5.8	6.560 to 7.599	7.1
Martha	4.465 to 5.161	4.8	5.557 to 6.037	5.8	6.429 to 7.132	6.8
En Gedi	4.015 to 4.785	4.4	5.524 to 6.058	5.8	6.802 to 7.563	7.2
T15-42	4.604 to 4.857	4.7	5.687 to 5.861	5.8	6.692 to 6.945	6.8
A17-4	4.247 to 4.633	4.4	5.631 to 5.898	5.8	6.898 to 7.279	7.1

Selection	ET <sub>75</sub>		ET <sub>50</sub>		ET <sub>25</sub>	
AKB3201	4.389 to 5.088	4.7	5.500 to 5.980	5.7	6.392 to 7.092	6.7
AKB3593	4.310 to 4.674	4.5	5.607 to 5.857	5.7	6.793 to 7.151	7.0
AKB2403	4.139 to 4.583	4.4	5.560 to 5.867	5.7	6.848 to 7.284	7.1
SR 2150	4.208 to 4.804	4.5	5.502 to 5.911	5.7	6.615 to 7.201	6.9
Kenblue	4.015 to 4.627	4.3	5.483 to 5.905	5.7	6.767 to 7.367	7.1
NAI-19-42	4.223 to 4.771	4.5	5.484 to 5.858	5.7	6.576 to 7.113	6.8
Kelly	3.996 to 4.554	4.3	5.468 to 5.853	5.7	6.774 to 7.319	7.0
NAI-19-181	3.470 to 4.663	4.1	5.230 to 6.057	5.6	6.634 to 7.806	7.2
K20-1	3.558 to 4.598	4.1	5.230 to 5.948	5.6	6.593 to 7.607	7.1
NAI-19-90	4.322 to 4.718	4.5	5.450 to 5.717	5.6	6.455 to 6.839	6.6
NAI-19-45	4.566 to 4.813	4.7	5.499 to 5.667	5.6	6.356 to 6.598	6.5
K19-201	4.295 to 4.674	4.5	5.441 to 5.697	5.6	6.470 to 6.837	6.7
NAI-19-190 LS	4.045 to 4.499	4.3	5.406 to 5.716	5.6	6.631 to 7.069	6.9
K18-197	3.672 to 4.228	4.0	5.363 to 5.747	5.6	6.888 to 7.432	7.2
A20-10	3.943 to 4.417	4.2	5.370 to 5.695	5.5	6.656 to 7.113	6.9
Wildhorse	4.055 to 4.501	4.3	5.369 to 5.673	5.5	6.550 to 6.979	6.8
NAI-19-64	3.793 to 4.600	4.2	5.238 to 5.789	5.5	6.443 to 7.219	6.8
AKB3208	3.841 to 4.351	4.1	5.332 to 5.683	5.5	6.672 to 7.165	6.9
NAI-19-164	4.138 to 4.552	4.3	5.360 to 5.639	5.5	6.456 to 6.852	6.7
AKB2543	4.078 to 4.761	4.4	5.268 to 5.727	5.5	6.249 to 6.902	6.6
Skye	3.965 to 4.626	4.3	5.266 to 5.713	5.5	6.367 to 7.000	6.7
A15-7	3.366 to 3.863	3.6	5.313 to 5.659	5.5	7.110 to 7.603	7.4
A12-2	3.892 to 4.508	4.2	5.262 to 5.682	5.5	6.449 to 7.039	6.7
K18-199	4.290 to 4.556	4.4	5.351 to 5.529	5.4	6.331 to 6.583	6.5
Shamrock	3.967 to 4.324	4.1	5.318 to 5.561	5.4	6.562 to 6.903	6.7
K16-178	3.384 to 4.113	3.7	5.182 to 5.688	5.4	6.766 to 7.477	7.1
AKB1658	4.045 to 4.626	4.3	5.235 to 5.625	5.4	6.249 to 6.800	6.5
A17-869	3.734 to 4.152	3.9	5.273 to 5.561	5.4	6.690 to 7.092	6.9
NAI-19-188 LS	3.988 to 4.571	4.3	5.209 to 5.600	5.4	6.255 to 6.805	6.5
NAI-19-92	3.989 to 4.462	4.2	5.191 to 5.508	5.4	6.252 to 6.695	6.5
Geronimo	3.893 to 4.243	4.1	5.227 to 5.464	5.3	6.458 to 6.788	6.6
A15-480	3.935 to 4.363	4.1	5.190 to 5.478	5.3	6.319 to 6.720	6.5
A12-266	4.025 to 4.239	4.1	5.246 to 5.390	5.3	6.404 to 6.604	6.5
Right	3.777 to 4.550	4.2	5.057 to 5.574	5.3	6.108 to 6.828	6.5
A14-417	3.724 to 4.325	4.0	5.103 to 5.510	5.3	6.306 to 6.871	6.6
A15-8	3.867 to 4.151	4.0	5.169 to 5.361	5.3	6.388 to 6.654	6.5
K19-202	3.474 to 4.125	3.8	5.041 to 5.488	5.3	6.421 to 7.040	6.7
NAI-19-179	3.868 to 4.264	4.1	5.117 to 5.382	5.3	6.250 to 6.617	6.4
NAI-19-83	3.704 to 4.315	4.0	5.044 to 5.456	5.3	6.205 to 6.774	6.5
NAI-19-166	3.927 to 4.415	4.2	5.063 to 5.386	5.2	6.054 to 6.500	6.3
K19-208	3.839 to 4.385	4.1	5.042 to 5.405	5.2	6.084 to 6.585	6.3
AKB3456	3.512 to 4.317	3.9	4.946 to 5.492	5.2	6.147 to 6.900	6.5
AKB2949	3.902 to 4.196	4.0	5.093 to 5.289	5.2	6.197 to 6.467	6.3
Jersey	3.897 to 4.339	4.1	5.023 to 5.315	5.2	6.020 to 6.420	6.2
K19-204	3.675 to 4.178	3.9	4.977 to 5.316	5.1	6.134 to 6.598	6.4
K13-140	3.748 to 4.364	4.1	4.932 to 5.340	5.1	5.938 to 6.494	6.2

Selection	ET <sub>75</sub>		ET <sub>50</sub>		ET <sub>25</sub>	
T14-37	3.393 to 4.193	3.8	4.819 to 5.362	5.1	6.018 to 6.757	6.4
GO-KB20-1	3.697 to 4.270	4.0	4.864 to 5.242	5.1	5.867 to 6.379	6.1
NAI-15-90	3.812 to 4.231	4.0	4.909 to 5.184	5.0	5.885 to 6.256	6.1
Tejas	3.682 to 4.188	3.9	4.863 to 5.199	5.0	5.900 to 6.353	6.1
K20-4	3.553 to 3.828	3.7	4.832 to 5.018	4.9	6.035 to 6.284	6.2
A10-5	2.817 to 3.880	3.3	4.553 to 5.293	4.9	5.992 to 7.002	6.5
AKB2795	2.975 to 4.264	3.6	4.446 to 5.326	4.9	5.564 to 6.740	6.2
NAI-19-58	3.597 to 3.959	3.8	4.734 to 4.975	4.9	5.771 to 6.089	5.9
AKB3179	3.675 to 3.950	3.8	4.740 to 4.921	4.8	5.730 to 5.967	5.8
A19-1	3.591 to 4.085	3.8	4.630 to 4.952	4.8	5.535 to 5.953	5.7
A19-4	3.283 to 3.670	3.5	4.645 to 4.911	4.8	5.902 to 6.256	6.1
AKB3216	3.743 to 3.984	3.9	4.687 to 4.843	4.8	5.567 to 5.767	5.7
AKB2313	3.123 to 3.807	3.5	4.528 to 4.999	4.8	5.750 to 6.376	6.1
AKB3363	3.270 to 4.011	3.6	4.495 to 4.995	4.7	5.524 to 6.175	5.9
AKB3869	3.627 to 3.891	3.8	4.653 to 4.827	4.7	5.610 to 5.834	5.7
Bolt	3.715 to 4.152	3.9	4.589 to 4.859	4.7	5.345 to 5.685	5.5
SEKB-4272	3.714 to 3.829	3.8	4.625 to 4.699	4.7	5.506 to 5.599	5.6
AKB2836	3.562 to 3.990	3.8	4.518 to 4.795	4.7	5.364 to 5.710	5.5
Valley View	3.553 to 3.883	3.7	4.544 to 4.762	4.7	5.451 to 5.725	5.6
Sun Storm	3.327 to 3.698	3.5	4.432 to 4.685	4.6	5.443 to 5.765	5.6
K21-6	3.221 to 3.538	3.4	4.441 to 4.661	4.6	5.580 to 5.864	5.7
K19-206	3.330 to 3.616	3.5	4.416 to 4.612	4.5	5.432 to 5.680	5.6
K17-187	2.652 to 3.326	3.0	4.105 to 4.585	4.3	5.385 to 6.018	5.7
AKB2733	2.983 to 3.343	3.2	4.100 to 4.359	4.2	5.132 to 5.461	5.3
AKB2769	2.700 to 2.851	2.8	3.595 to 3.716	3.7	4.453 to 4.618	4.5



CTBT 2023 data - 22CTFA12

Tall Fescue Turf Trial

2023 Year End Data

Location: NexGen Turf Research (Albany, OR)

Cooperator: Kenneth Hignight

		Objective Data					
SPONSOR	CULTIVAR	Percent Cover 2023	Cover 2023	Genetic Color 2023	Density 2023	Uniformity 2023	Turf Quality 2023
Check	Rowdier	92.32	6.95	8.10	5.53	6.50	6.77
Check	ATF1736 (Rebel V)	91.42	6.71	7.76	5.09	6.67	6.56
PPG	PPG-TF 395	91.05	6.62	7.77	5.45	6.36	6.55
PST	PST-5DC320	92.64	7.04	8.05	5.42	5.61	6.53
DLF	DLF-TF/3841	90.59	6.49	7.86	5.64	6.14	6.53
PST	PST-520D	92.64	7.04	7.71	4.99	6.39	6.53
DLF	DLF-TF/3845	90.71	6.52	8.04	5.68	5.88	6.53
NTR	ATF1889	91.35	6.69	7.93	5.52	5.97	6.53
Check	Lifeguard	90.77	6.54	7.73	5.29	6.50	6.52
DLF	DLF-TF/3837	90.45	6.46	7.98	5.55	5.98	6.49
DLF	DLF-TF/3839	90.45	6.45	7.94	5.62	5.94	6.49
DLF	DLF-TF/3840	88.92	6.04	7.99	5.57	6.27	6.47
Check	GLX Aced	91.72	6.79	7.86	5.14	6.06	6.46
DLF	DLF-TF/3846	89.50	6.20	7.95	5.44	6.25	6.46
Check	TALL BOY	91.08	6.62	7.90	5.27	6.05	6.46
NTR	ATF2054	90.18	6.38	7.90	5.51	6.04	6.46
PPG	PPG-TF 421	92.04	6.88	7.89	5.43	5.57	6.44
PST	PST-5HAF9	92.62	7.03	7.86	5.52	5.33	6.44
NTR	ATF1820	91.51	6.74	7.77	5.11	6.12	6.44
PPG	PPG-TF 396	91.93	6.85	7.88	5.36	5.62	6.43
PPG	PPG-TF 374	89.85	6.29	7.96	5.91	5.50	6.41
NTR	ATF1758	90.94	6.59	7.95	5.42	5.67	6.41
NTR	ATF2206	89.21	6.13	7.91	5.62	5.98	6.41
PPG	PPG-TF 397	92.64	7.04	7.94	5.43	5.20	6.40
NTR	ATF1822	91.08	6.62	7.75	5.52	5.66	6.39
PPG	PPG-TF 423	91.90	6.84	7.89	5.08	5.73	6.38
PPG	PPG-TF 372	91.18	6.65	7.88	5.18	5.75	6.37
PST	PST-5CHWT	88.88	6.03	7.72	5.76	5.94	6.36
NTR	ATF1835	89.62	6.23	7.83	5.63	5.73	6.36
PST	ATF2248	91.74	6.80	7.82	4.91	5.89	6.36
NAI	NAI-3BR22	89.10	6.09	7.87	5.70	5.67	6.34
Check	Grande 3	89.08	6.09	7.69	5.27	6.29	6.33
NTR	ATF1914	90.50	6.47	7.93	5.27	5.63	6.32
DLF	DLF-TF/3842	90.65	6.51	7.77	5.33	5.62	6.31
PST	PST-5CHWM	88.32	5.88	7.67	5.59	6.11	6.31
PPG	PPG-TF 420	89.30	6.15	7.76	5.47	5.88	6.31
SS	SETF221	91.77	6.81	7.79	5.13	5.52	6.31
NAI	NAI-4FRX22	89.59	6.23	7.88	5.27	5.81	6.30
Check	Rowdy	91.96	6.86	7.86	5.19	5.29	6.30
Check	ATF1612 (Vert)	91.12	6.63	7.92	5.39	5.25	6.30
DLF	DLF-TF/3844	91.19	6.65	7.83	5.32	5.33	6.29
PST	PST-5BP21	91.09	6.63	7.86	5.15	5.50	6.28
NTR	ATF2190	91.77	6.80	7.86	5.17	5.25	6.27
DLF	DLF-TF/3843	90.19	6.39	7.90	5.81	4.96	6.26
PST	PST-5FOE	92.03	6.87	7.81	4.85	5.50	6.26
NTR	ATF2115	87.42	5.65	7.85	5.78	5.71	6.25
DLF	DLF-TF/3838	90.61	6.50	8.09	5.54	4.80	6.23
Check	Bladerunner 3	89.46	6.19	7.91	5.34	5.46	6.23
SS	SETF520	89.60	6.23	7.75	5.52	5.37	6.22
DLF	DLF-TF/3848	90.04	6.34	7.71	5.43	5.34	6.21
UGA	UGA-18NL1	88.84	6.02	7.75	5.42	5.63	6.21
Check	GLX STAR (PST-5BGG)	90.00	6.33	7.73	5.17	5.58	6.20
PST	Easy Green	88.61	5.96	7.73	5.04	6.07	6.20
NTR	ATF2047	88.83	6.02	8.06	5.61	5.12	6.20
PST	PST-R5HD6	90.16	6.38	7.74	4.85	5.77	6.18

SPONSOR	CULTIVAR	Objective Data					
		Percent Cover 2023	Cover 2023	Genetic Color 2023	Density 2023	Uniformity 2023	Turf Quality 2023
DLF	DLF-TF/3847	91.13	6.64	7.90	5.26	4.87	6.17
PST	PST-5LSM	92.14	6.91	7.71	5.26	4.74	6.16
Check	Saltillo	89.76	6.27	7.71	5.38	5.27	6.16
Check	Spyder 2LS	88.08	5.82	7.69	5.75	5.35	6.15
PST	PST-5NOG	90.83	6.56	7.93	5.39	4.74	6.15
Check	Gazelle II	89.85	6.29	7.76	5.01	5.53	6.15
NTR	ATF1993	88.49	5.93	7.92	5.78	4.95	6.14
NTR	ATF2207	88.63	5.97	7.85	5.39	5.36	6.14
NTR	ATF2059	89.81	6.28	7.76	5.27	5.24	6.14
NTR	ATF2208	87.24	5.60	7.75	5.38	5.78	6.12
Check	Covenant II	87.60	5.69	7.58	5.31	5.88	6.12
NTR	ATF2041	88.78	6.01	7.93	5.98	4.53	6.11
PST	PST-5VFD	89.02	6.07	7.79	4.85	5.72	6.11
PST	PST-5TQBP	90.02	6.34	7.63	4.94	5.46	6.09
DLF	DLF-TF/3849	91.20	6.66	7.95	5.45	4.32	6.09
NAI	NAI-SOTF22	88.66	5.97	7.90	5.65	4.79	6.08
NTR	ATF2205	89.29	6.15	7.85	5.36	4.98	6.08
SS	SETF222	87.95	5.78	7.77	5.93	4.53	6.00
PST	PST-5CHR	89.30	6.15	7.77	5.09	4.97	5.99
NTR	ATF1985	88.14	5.84	7.82	5.05	5.25	5.99
NTR	ATF2056	87.91	5.78	7.72	5.57	4.80	5.97
SS	SETF320	88.91	6.04	7.64	4.94	5.14	5.94
DLF	DLF-TF/3850	87.27	5.62	7.74	5.58	4.85	5.94
NTR	ATF2199	88.33	5.88	7.78	4.99	5.11	5.94
UGA	UGA-T2	87.31	5.62	7.43	4.98	5.73	5.94
SS	TF 1895 CK	88.49	5.93	7.74	5.32	4.66	5.91
NTR	ATF2211	87.95	5.79	7.84	5.13	4.88	5.91
NTR	ATF2043	87.03	5.54	7.73	5.10	5.24	5.90
NAI	NAI-ST822	86.26	5.35	7.53	5.29	5.33	5.87
NTR	ATF2035	87.21	5.91	7.93	5.37	4.25	5.87
NTR	ATF2198	87.52	5.67	7.70	4.92	5.17	5.87
NAI	NAI-BNTB22	90.19	6.39	7.93	4.90	4.22	5.86
Check	Raceway	89.89	6.30	7.85	5.28	3.62	5.76
UGA	UGA-G1	83.09	4.64	7.39	5.17	5.69	5.72
PST	PST-5BVD	86.14	5.36	7.60	5.19	4.73	5.72
SS	SETF120	86.09	5.29	7.50	5.11	4.96	5.71
Check	Turfway	84.46	4.87	7.61	5.23	4.97	5.67
PST	PST-521DT	87.58	5.69	7.44	4.85	4.67	5.66
NTR	ATF2048	84.40	4.86	7.65	5.54	4.46	5.63
UGA	UGA-17F3A	86.18	5.38	7.62	5.01	4.51	5.63
NTR	ATF2209	85.83	5.22	7.63	4.78	4.06	5.42
	CV	2.50	9.33	2.00	7.50	20.47	5.62
	LSD	3.03	0.79	0.21	0.54	1.51	0.47

2023 Average Percent Cover = (3 ratings)

2023 Average Cover = 1-9; 9=Most Cover (3 ratings)

2023 Average Genetic Color = 1-9; 9=Darkest (3 ratings)

2023 Average Density = 1-9; 9=Most Dense (3 ratings)

2023 Average Uniformity Quality = 1-9; 9=Best (3 ratings)

2023 Average Turf Quality = 1-9; 9=Best (3 ratings)

Confidence intervals (95%) for the amount of moisture lost to evapotranspiration before 100 Tall Fescue entries from data set 22CTFA12 reach 75, 50 and 25% green cover. Entries are ranked based on their ET50 values.

Selection	ET <sub>75</sub>		ET <sub>50</sub>		ET <sub>25</sub>	
PST-5FOE	6.330 to 7.345	6.8	9.448 to 10.16	9.8	12.21 to 13.34	12.8
ATF2190	6.233 to 7.328	6.8	9.395 to 10.17	9.8	12.18 to 13.39	12.8
Easy Green	6.220 to 7.152	6.7	9.300 to 9.957	9.6	12.06 to 13.08	12.6
TALL BOY	6.139 to 7.268	6.7	9.190 to 9.984	9.6	11.86 to 13.08	12.5
ATF2206	5.410 to 6.671	6.0	8.863 to 9.746	9.3	11.87 to 13.26	12.6
ATF1993	5.460 to 6.679	6.1	8.531 to 9.383	9.0	11.21 to 12.48	11.8
PST-5HAF9	5.718 to 6.725	6.2	8.589 to 9.294	8.9	11.14 to 12.18	11.7
PST-5TQBP	6.007 to 6.864	6.4	8.604 to 9.206	8.9	10.94 to 11.81	11.4
PST-520D	5.907 to 6.877	6.4	8.526 to 9.207	8.9	10.85 to 11.83	11.3
SETF221	5.409 to 6.628	6.0	8.438 to 9.289	8.9	11.08 to 12.34	11.7
GLX STAR (PST-5BGG)	5.810 to 6.930	6.4	8.468 to 9.255	8.9	10.79 to 11.92	11.4
PST-5NOG	5.517 to 6.734	6.1	8.404 to 9.256	8.8	10.91 to 12.16	11.5
ATF2059	5.392 to 6.491	5.9	8.315 to 9.084	8.7	10.90 to 12.02	11.5
ATF2035	5.714 to 6.731	6.2	8.323 to 9.037	8.7	10.63 to 11.65	11.1
PST-5LSM	5.454 to 6.447	6.0	8.314 to 9.008	8.7	10.87 to 11.88	11.4
ATF2211	5.324 to 6.494	5.9	8.250 to 9.068	8.7	10.81 to 12.01	11.4
PST-5BP21	5.706 to 6.916	6.3	8.225 to 9.078	8.7	10.39 to 11.60	11.0
DLF-TF/3847	5.624 to 6.538	6.1	8.329 to 8.970	8.7	10.76 to 11.68	11.2
DLF-TF/3840	5.539 to 6.597	6.1	8.276 to 9.018	8.6	10.69 to 11.76	11.2
ATF2205	5.414 to 6.413	5.9	8.290 to 8.989	8.6	10.86 to 11.87	11.4
PST-5CHR	5.390 to 6.464	5.9	8.248 to 8.999	8.6	10.78 to 11.87	11.3
ATF1889	5.312 to 6.457	5.9	8.217 to 9.018	8.6	10.77 to 11.93	11.4
ATF1758	5.300 to 6.607	6.0	8.148 to 9.064	8.6	10.60 to 11.92	11.3
ATF1914	5.210 to 6.510	5.9	8.085 to 8.995	8.5	10.56 to 11.88	11.2
GLX Aced	5.619 to 6.469	6.0	8.234 to 8.831	8.5	10.59 to 11.45	11.0
Lifeguard	5.324 to 6.481	5.9	8.127 to 8.937	8.5	10.58 to 11.75	11.2
SETF320	5.581 to 6.599	6.1	8.142 to 8.858	8.5	10.40 to 11.42	10.9
ATF1736 (Rebel V)	5.327 to 6.348	5.8	8.081 to 8.797	8.4	10.53 to 11.55	11.0
PPG-TF 396	5.540 to 6.350	5.9	8.143 to 8.712	8.4	10.50 to 11.31	10.9
Grande 3	5.470 to 6.273	5.9	8.061 to 8.626	8.3	10.42 to 11.22	10.8
ATF2248	5.463 to 6.571	6.0	7.942 to 8.723	8.3	10.10 to 11.20	10.7
NAI-SOTF22	5.182 to 6.099	5.6	7.986 to 8.628	8.3	10.51 to 11.43	11.0
Rowdier	5.214 to 6.299	5.8	7.924 to 8.685	8.3	10.31 to 11.39	10.9
NAI-SOTF22	5.012 to 6.319	5.7	7.831 to 8.746	8.3	10.26 to 11.57	10.9
UGA-19C5	5.082 to 6.081	5.6	7.919 to 8.618	8.3	10.45 to 11.46	11.0
DLF-TF/3850	4.832 to 6.449	5.6	7.698 to 8.831	8.3	10.08 to 11.70	10.9
SETF520	5.127 to 6.072	5.6	7.925 to 8.586	8.3	10.44 to 11.39	10.9
NAI-3BR22	5.037 to 5.974	5.5	7.922 to 8.577	8.2	10.52 to 11.46	11.0
PST-5SCHWM	5.024 to 6.069	5.5	7.881 to 8.611	8.2	10.42 to 11.47	11.0
ATF1820	5.375 to 6.200	5.8	7.946 to 8.526	8.2	10.28 to 11.10	10.7
NAI-4FRX22	4.756 to 6.188	5.5	7.727 to 8.726	8.2	10.26 to 11.70	11.0
DLF-TF/3849	5.491 to 6.442	6.0	7.877 to 8.549	8.2	9.990 to 10.93	10.5
DLF-TF/3844	5.432 to 6.136	5.8	7.911 to 8.406	8.2	10.18 to 10.88	10.5

Selection	ET <sub>75</sub>		ET <sub>50</sub>		ET <sub>25</sub>	
ATF1612 (Vert)	5.087 to 6.227	5.7	7.751 to 8.552	8.2	10.08 to 11.21	10.7
PPG-TF 395	5.355 to 6.286	5.8	7.816 to 8.473	8.1	10.01 to 10.93	10.5
PPG-TF 420	5.204 to 6.233	5.7	7.705 to 8.430	8.1	9.907 to 10.93	10.4
PPG-TF 397	5.257 to 6.193	5.7	7.737 to 8.397	8.1	9.945 to 10.87	10.4
ATF1738	4.913 to 6.043	5.5	7.651 to 8.443	8.0	10.05 to 11.18	10.6
PPG-TF 421	5.164 to 6.158	5.7	7.659 to 8.359	8.0	9.866 to 10.85	10.4
UGA-T2	4.986 to 6.065	5.5	7.601 to 8.360	8.0	9.900 to 10.97	10.4
ATF2208	4.852 to 5.705	5.3	7.639 to 8.236	7.9	10.17 to 11.02	10.6
ATF1985	4.632 to 5.772	5.2	7.533 to 8.329	7.9	10.09 to 11.23	10.7
PST-R5HD6	4.448 to 6.065	5.3	7.366 to 8.496	7.9	9.800 to 11.41	10.6
PPG-TF 368	5.208 to 6.020	5.6	7.599 to 8.172	7.9	9.756 to 10.56	10.2
DLF-TF/3843	5.092 to 5.732	5.4	7.656 to 8.106	7.9	10.03 to 10.67	10.4
ATF2054	4.561 to 6.043	5.3	7.321 to 8.362	7.8	9.647 to 11.11	10.4
PST-5CHWT	4.549 to 5.934	5.2	7.297 to 8.268	7.8	9.638 to 11.01	10.3
DLF-TF/3838	4.892 to 5.749	5.3	7.479 to 8.082	7.8	9.817 to 10.66	10.2
Turfway	3.929 to 5.958	4.9	7.052 to 8.462	7.8	9.561 to 11.58	10.6
SETF222	4.154 to 5.692	4.9	7.206 to 8.275	7.7	9.792 to 11.32	10.6
ATF2043	4.646 to 5.594	5.1	7.395 to 8.059	7.7	9.865 to 10.80	10.3
PST-5VFD	4.819 to 5.794	5.3	7.374 to 8.060	7.7	9.647 to 10.61	10.1
Rowdy	4.939 to 6.050	5.5	7.306 to 8.093	7.7	9.357 to 10.45	9.9
ATF2041	4.565 to 5.639	5.1	7.257 to 8.010	7.6	9.636 to 10.69	10.2
DLF-TF/3839	5.056 to 5.723	5.4	7.394 to 7.866	7.6	9.542 to 10.20	9.9
Bladerunner 3	4.718 to 5.856	5.3	7.220 to 8.022	7.6	9.395 to 10.52	10.0
DLF-TF/3848	4.971 to 5.638	5.3	7.348 to 7.818	7.6	9.534 to 10.19	9.9
Raceway	4.956 to 5.778	5.4	7.291 to 7.872	7.6	9.392 to 10.20	9.8
SETF120	4.160 to 5.920	5.0	6.962 to 8.196	7.6	9.250 to 10.99	10.1
DLF-TF/3837	5.012 to 5.736	5.4	7.271 to 7.785	7.5	9.325 to 10.04	9.7
ATF1822	5.080 to 5.894	5.5	7.230 to 7.809	7.5	9.151 to 9.953	9.6
UGA-17F3A	4.519 to 5.586	5.1	7.143 to 7.892	7.5	9.458 to 10.51	10.0
PST-5BVD	4.528 to 5.575	5.1	7.133 to 7.868	7.5	9.434 to 10.46	9.9
UGA-G1	3.979 to 5.464	4.7	6.985 to 8.018	7.5	9.547 to 11.01	10.3
ATF2199	4.675 to 5.544	5.1	7.192 to 7.804	7.5	9.460 to 10.31	9.9
Spyder 2LS	5.007 to 5.705	5.4	7.248 to 7.743	7.5	9.291 to 9.978	9.6
TF 1895 CK	4.769 to 5.702	5.2	7.146 to 7.805	7.5	9.257 to 10.17	9.7
Saltillo	5.222 to 5.946	5.6	7.209 to 7.725	7.5	8.994 to 9.708	9.4
PPG-TF 374	4.889 to 5.674	5.3	7.189 to 7.744	7.5	9.265 to 10.04	9.7
Gazelle II	4.288 to 5.560	4.9	6.958 to 7.851	7.4	9.261 to 10.51	9.9
UGA-18NL1	4.442 to 5.404	4.9	7.061 to 7.736	7.4	9.401 to 10.35	9.9
DLF-TF/3845	4.664 to 5.462	5.1	7.115 to 7.677	7.4	9.337 to 10.12	9.7
ATF2115	4.142 to 5.405	4.8	6.841 to 7.726	7.3	9.173 to 10.41	9.8
ATF2056	4.522 to 5.404	5.0	6.954 to 7.576	7.3	9.135 to 10.00	9.6
DLF-TF/3846	4.361 to 5.337	4.8	6.897 to 7.584	7.2	9.153 to 10.11	9.6
Covenant II	4.322 to 5.315	4.8	6.858 to 7.556	7.2	9.108 to 10.08	9.6
PPG-TF 372	4.628 to 5.581	5.1	6.863 to 7.538	7.2	8.828 to 9.764	9.3
ATF2198	4.282 to 5.216	4.7	6.790 to 7.448	7.1	9.031 to 9.947	9.5
NAI-BNTB22	4.212 to 5.198	4.7	6.764 to 7.457	7.1	9.034 to 9.999	9.5

Selection	ET <sub>75</sub>		ET <sub>50</sub>		ET <sub>25</sub>	
SR 8700	4.801 to 5.460	5.1	6.839 to 7.308	7.1	8.691 to 9.340	9.0
ATF2207	3.874 to 5.338	4.6	6.552 to 7.578	7.1	8.808 to 10.24	9.5
ATF2048	4.219 to 5.110	4.7	6.731 to 7.358	7.0	8.988 to 9.860	9.4
DLF-TF/3841	4.513 to 5.232	4.9	6.672 to 7.182	6.9	8.629 to 9.336	9.0
ATF2209	4.126 to 5.288	4.7	6.425 to 7.247	6.8	8.395 to 9.534	9.0
NAI-ST822	3.658 to 4.817	4.2	6.269 to 7.080	6.7	8.547 to 9.675	9.1
DLF-TF/3842	3.891 to 5.177	4.5	6.168 to 7.076	6.6	8.081 to 9.339	8.7

CTBT 2023 Data - 21CTPP11  
 Kentucky Bluegrass Turf Trial  
 2023 Year End Data  
 Location: Pure Seed Testing (Canby, OR - Shade)  
 Cooperator: Crystal Fricker

SPONSOR	CULTIVAR	Subjective Data	
		Turf Quality 2023	Turf Quality 2022-2023
PST	K15-168	6.25	7.08
PST	K19-201	5.42	6.62
NTR	AKB2949	6.58	6.59
NTR	AKB3869	5.33	6.46
GOR	Super Moon (K14-141)	5.92	6.38
NTR	En Gedi	5.92	6.33
PST	K17-182	6.25	6.29
NTR	Valley View	5.42	6.29
PST	K19-206	5.58	6.17
DLF	A14-417	5.58	6.08
PST	Desert Dream	4.92	6.08
PST	K19-204	5.17	6.04
PST	K19-207	5.50	6.00
NTR	AKB3201	5.25	5.96
PST	Sun Storm	4.58	5.87
NTR	AKB2543	5.33	5.83
PST	K20-3	4.50	5.79
PST	K19-202	4.58	5.79
PST	Tirem	5.00	5.75
PST	K19-208	4.92	5.75
PST	K13-140	4.67	5.75
PST	New Moon	4.17	5.75
NTR	AKB3363	5.75	5.71
NTR	AKB3548	5.25	5.67
NTR	Delta Blue	5.58	5.58
PST	T15-43/Reseed Jumpstart	5.33	5.58
NTR	AKB3179	5.42	5.54
PST	K21-6	4.67	5.50
NTR	AKB3125	5.58	5.42
PST	T17-47	4.75	5.42
PST	Cutting Edge (K17-188AD)	4.83	5.41
PST	K15-169/Reseed Jumpstart	4.92	5.33
PST	TX8-56	4.75	5.25
DLF	A10-5	5.75	5.25
NTR	AKB3593	5.92	5.25
NTR	AKB2769	4.83	5.25
NTR	AKB3216	4.67	5.25
PST	K16-178	4.83	5.21
PST	K18-197	4.67	5.17
NAg	Jersey	5.00	5.17
NTR	AKB2403	4.58	4.96
PST	K18-199	4.00	4.96
SS	NAI-19-166	4.67	4.96
PST	K20-4	4.17	4.92
DLF	A11-49	5.33	4.88
NAg	NAI-15-90	4.25	4.87
NTR	AKB2313	4.67	4.84
DLF	Martha	5.83	4.83
SS	NAI-19-90	4.42	4.83
DLF	A12-3	4.83	4.79
SS	NAI-19-181	4.08	4.75
SS	NAI-19-190 LS	4.58	4.71
NTR	Tejas	4.67	4.67
NAg	NAI-19-58	5.17	4.67
NTR	AKB2836	4.33	4.67

SPONSOR	CULTIVAR	Subjective Data	
		Turf Quality 2023	Turf Quality 2022-2023
DLF	A15-8	5.67	4.67
DLF	SR 2150	5.17	4.46
NTR	Ridgeline	4.17	4.46
NAg	NAI-19-92	4.67	4.46
GOR	T14-37	5.00	4.46
DLF	A19-4	4.42	4.46
DLF	Fielder	4.33	4.42
NTR	AKB2795	4.42	4.37
PPG	A18-9	4.58	4.34
NTR	AKB3208	4.17	4.29
PST	K19-203	4.25	4.25
SS	NAI-19-188 LS	4.67	4.25
SS	NAI-19-164	3.83	4.25
NTR	AKB2733	4.33	4.21
NAg	NAI-19-179	4.42	4.21
NTR	Mallard	4.58	4.17
NTR	AKB3605	5.17	4.12
NTR	AKB1658	3.92	4.12
SS	Isabel	4.83	4.08
PST	K15-163A	3.25	4.08
PPG	A19-16	3.92	4.04
NAg	NAI-19-64	3.67	3.96
SS	Wildhorse	3.92	3.96
NTR	AKB3456	3.92	3.92
NAg	NAI-19-45	3.67	3.92
PPG	A12-266	3.83	3.92
DLF	A15-480	3.67	3.88
SS	NAI-19-125	3.50	3.87
DLF	SR 2284	3.83	3.83
PST	T15-44	4.42	3.83
DLF	Mercury	3.75	3.83
DLF	A05-361	3.75	3.75
NTR	Geronimo	3.75	3.71
NAg	Shamrock	3.67	3.71
NAg	NAI-19-42	3.42	3.67
DLF	A17-4	3.58	3.67
PPG	A20-13	3.67	3.63
PPG	Acoustic	4.00	3.62
DLF	A15-7	4.25	3.54
PPG	A17-869	3.83	3.54
NAg	NAI-17-49	3.58	3.54
DLF	A12-2	3.42	3.50
PPG	A20-10	4.00	3.50
DLF	A12-1	3.33	3.42
NTR	AKB1565	3.58	3.38
NTR	Deja Blue	3.33	3.08
SS	Kelly	3.00	3.04
PST	T15-42	3.50	3.00
SS	SEKB-4272	2.67	3.00
PPG	A20-12	3.00	2.96
SS	NAI-19-83	2.58	2.54
NAg	NAI-17-4	1.92	2.21
NAg	Kenblue	2.33	2.04
GOR	GO-KB20-1	2.33	1.87
	CV	17.9	13.96
	LSD	1.09	0.87

2023 Average Turf Quality= 1-9; 9=best (4 ratings)  
 2022-2023 Average Turf Quality=1-9; 9=best (8 ratings)

**CTBT 2023 data - 22CTFA11**

**Tall Fescue Turf Trial**

**2023 Year End Data**

Location: Pure Seed Testing (Canby, OR)

Cooperator: Crystal Fricker

		Subjective Data
SPONSOR	CULTIVAR	Turf Quality 2023 Average
PST	PST-5LSM	6.60
Check	Raceway	6.43
PPG	PPG-TF 420	6.33
NAI	NAI-SOTF22	6.30
PPG	PPG-TF 397	6.27
DLF	DLF-TF/3843	6.23
Check	Spyder 2LS	6.23
Check	Bladerunner 3	6.23
NTR	ATF1738	6.20
PST	PST-5DC320	6.20
PST	PST-5CHWT	6.17
Check	GLX Aced	6.17
DLF	DLF-TF/3842	6.13
DLF	SR 8700	6.13
DLF	DLF-TF/3837	6.13
DLF	DLF-TF/3848	6.13
Check	Rowdier	6.07
PST	PST-5BP21	6.07
NTR	ATF2056	6.07
DLF	DLF-TF/3847	6.07
DLF	DLF-TF/3845	6.07
PPG	PPG-TF 395	6.03
PST	PST-5CHWM	6.03
PST	PST-5HAF9	6.03
NTR	ATF1993	6.03
PST	PST-5VFD	6.03
DLF	DLF-TF/3844	6.00
NTR	ATF1889	5.97
DLF	DLF-TF/3839	5.97
NTR	PPG-TF 372	5.93
NAI	NAI-3BR22	5.90
NTR	ATF2206	5.90
NTR	ATF1985	5.90
NTR	ATF2041	5.87
NTR	ATF1835	5.87
PST	PST-521DT	5.87
NTR	ATF1820	5.87
PST	PST-R5HD6	5.87
DLF	DLF-TF/3838	5.83
Check	Saltillo	5.80
NTR	ATF1822	5.80
Check	TALL BOY	5.80
NAI	NAI-ST822	5.80
PPG	PPG-TF 368	5.77
DLF	DLF-TF/3850	5.77
NTR	ATF2059	5.77
NTR	ATF2115	5.77

		Subjective Data
SPONSOR	CULTIVAR	Turf Quality 2023 Average
NTR	ATF2207	5.73
NTR	ATF2047	5.70
NTR	ATF2211	5.70
DLF	DLF-TF/3849	5.70
DLF	DLF-TF/3846	5.70
DLF	DLF-TF/3840	5.67
NAI	NAI-BNTB22	5.67
Check	Gazelle II	5.67
NTR	ATF1914	5.67
NTR	ATF2198	5.63
NTR	ATF2190	5.60
Check	GLX STAR (PST-5BGG)	5.60
Check	ATF1612 (Vert)	5.60
NTR	ATF2199	5.60
UGA	UGA-18NL1	5.60
NTR	ATF2209	5.57
NTR	ATF2248	5.57
PPG	PPG-TF 374	5.53
PST	PST-5NOG	5.53
PST	PST-520D	5.53
SS	SETF221	5.50
Check	Lifeguard	5.50
NTR	ATF2208	5.47
Check	ATF1736 (Rebel V)	5.47
PST	PST-5CHR	5.43
PST	PST-5FOE	5.40
NTR	ATF2205	5.33
UGA	UGA-19C5	5.33
PST	PST-5TQBP	5.33
Check	Rowdy	5.33
PST	Easy Green	5.27
SS	TF 1895 CK	5.27
NTR	ATF2054	5.23
UGA	UGA-G1	5.17
NTR	ATF1758	5.13
UGA	UGA-T2	5.10
Check	Grande 3	5.10
SS	SETF320	5.03
Check	Covenant II	5.03
NTR	ATF2043	5.03
Check	Turfway	4.97
SS	SETF222	4.97
SS	SETF520	4.93
UGA	UGA-17F3A	4.93
SS	SETF120	4.90
	CV	6.44
	LSD	0.50

2023 Turf Quality Average=1-9;9=best (10 ratings)

CTBT 2023 data - 21CTPP28  
 Kentucky Bluegrass Turf Trial  
 2023 Year End Data  
 Location: Pure Seed Testing (Canby, OR - Shade)  
 Cooperator: Crystal Fricker

SPONSOR	CULTIVAR	Subjective Data			
		Spring Green Up 2023	Bill Bug 2023	Turf Quality 2023 Average	Turf Quality 2022-2023 Average
GOR	T14-37	6.00	4.67	6.47	6.57
DLF	Martha	5.33	5.33	5.38	6.08
NTR	AKB3201	7.33	5.33	6.19	6.04
NTR	AKB2949	5.00	5.33	5.81	6.02
DLF	SR 2150	6.33	6.33	5.71	6.00
SS	NAI-19-90	7.00	4.00	5.14	6.00
NTR	AKB3548	4.67	5.33	5.57	5.99
NTR	Mallard	5.33	6.67	5.62	5.97
PST	New Moon	5.33	5.00	5.47	5.92
NTR	Valley View	5.00	5.33	5.90	5.92
PST	Desert Dream	6.00	3.67	5.57	5.91
PST	TX8-56	5.33	5.00	5.33	5.90
PST	K19-208	4.33	4.67	5.14	5.90
PST	K19-202	3.00	4.33	4.95	5.88
NAg	NAI-19-92	6.00	4.00	4.86	5.87
NAg	Jersey	5.67	5.00	5.62	5.86
NTR	Tejas	6.00	5.67	5.67	5.85
NTR	Delta Blue	4.67	5.33	5.14	5.83
PST	K20-3	5.33	5.67	5.14	5.81
PST	K17-187	4.67	4.67	5.19	5.80
PST	K15-168	3.67	5.67	5.14	5.78
PPG	A18-7	4.00	4.00	4.81	5.74
PST	K13-140	7.33	5.33	5.09	5.73
PST	Right	4.33	4.67	4.86	5.70
NTR	AKB3208	6.00	4.00	5.43	5.69
PST	K19-207	7.33	5.33	4.91	5.68
PST	Cutting Edge (K17-188AD)	5.33	4.00	5.24	5.68
PST	K20-1	6.00	3.67	4.72	5.67
NTR	AKB3869	3.67	3.67	5.00	5.65
PST	K19-201	3.67	4.67	4.67	5.63
PST	T15-42	7.00	5.33	5.43	5.62
NTR	AKB2543	5.00	4.33	4.86	5.60
NTR	AKB2313	5.67	4.00	4.72	5.60
SS	Isabel	6.33	5.67	5.14	5.59
SS	Skye	5.00	4.33	5.14	5.55
DLF	Felder	5.00	6.67	5.57	5.55
DLF	A14-417	3.67	4.67	4.52	5.54
NTR	AKB1565	6.00	5.00	5.00	5.54
PPG	A19-1	4.67	4.33	4.91	5.53
PST	K18-197	5.00	3.33	4.86	5.48
NTR	AKB3216	5.33	4.33	4.71	5.48
DLF	A11-49	4.33	4.00	4.43	5.48
PST	K15-163A	6.33	4.00	4.95	5.47
NTR	AKB2795	5.33	5.00	5.48	5.46
PST	Harvest Moon	5.00	4.33	4.81	5.44
PST	Sun Storm	4.33	4.00	4.38	5.43
DLF	A15-7	5.33	4.67	5.00	5.43
PST	K16-178	5.00	3.67	4.95	5.42
DLF	SR 2284	7.33	6.33	5.24	5.42
SS	Wildhorse	5.33	5.00	5.09	5.40
DLF	A12-2	5.00	5.67	5.19	5.39
NAg	NAI-17-49	4.67	5.00	5.10	5.38
DLF	A10-5	5.00	3.67	5.00	5.37
PST	K19-204	4.33	4.67	4.67	5.37
PST	K19-206	4.33	3.67	4.19	5.36

SPONSOR	CULTIVAR	Subjective Data			
		Spring Green Up 2023	Bill Bug 2023	Turf Quality 2023 Average	Turf Quality 2022-2023 Average
NTR	AKB3593	5.33	3.67	4.38	5.34
NTR	AKB2836	6.33	4.33	4.57	5.30
PPG	A19-16	6.33	4.67	4.62	5.27
NTR	AKB3456	6.00	4.67	4.72	5.27
NTR	AKB2733	5.33	3.33	5.24	5.26
GOR	Super Moon (K14-141)	5.33	5.67	4.76	5.24
SS	NAI-19-188 LS	6.00	5.33	5.05	5.22
PST	T15-44	5.67	5.00	4.33	5.22
PST	K21-6	4.00	3.67	4.05	5.21
PPG	Bolt	4.33	3.33	4.33	5.20
PPG	A20-13	6.33	5.67	5.09	5.18
NAg	NAI-19-58	3.67	3.00	4.24	5.17
DLF	Mercury	7.00	6.00	5.24	5.14
SS	NAI-19-190 LS	5.33	5.33	4.76	5.12
PPG	A20-10	5.33	6.00	5.33	5.09
NTR	AKB2769	5.00	4.00	4.62	5.09
DLF	A05-361	7.00	4.33	4.47	5.07
PPG	A12-266	5.67	4.33	4.95	5.07
NTR	AKB1658	4.67	5.67	4.48	5.05
NTR	Ridgeline	5.33	4.33	4.28	5.03
DLF	A19-4	4.33	4.00	4.52	5.02
DLF	A12-1	5.00	4.33	4.62	5.02
NAg	Shamrock	5.33	4.67	4.71	4.97
DLF	A12-3	5.67	4.00	4.29	4.96
PPG	A18-9	4.00	4.67	4.43	4.95
NTR	En Gedi	4.00	4.33	4.19	4.95
DLF	A15-8	4.67	3.33	4.62	4.88
PST	K20-4	6.67	3.00	3.95	4.87
SS	NAI-19-181	4.67	3.00	4.19	4.85
SS	NAI-19-166	3.67	3.00	4.28	4.81
SS	NAI-19-164	6.00	3.67	4.62	4.77
NAg	NAI-19-45	4.00	3.33	3.86	4.76
SS	NAI-19-83	5.33	4.33	4.14	4.74
NTR	Deja Blue	6.00	4.33	4.05	4.73
PST	K18-199	4.00	3.33	3.67	4.72
PPG	A20-12	5.33	3.67	4.14	4.72
PST	K15-169/Reseed Jumpstart	5.00	4.67	4.91	4.71
NTR	AKB3605	4.67	3.67	4.00	4.70
NAg	NAI-15-90	4.00	3.67	4.14	4.68
DLF	A17-4	3.67	5.33	3.81	4.63
SS	SEKB-4272	4.00	3.33	3.95	4.62
DLF	A15-480	4.00	3.00	3.52	4.55
SS	NAI-19-125	4.00	4.00	4.19	4.54
NAg	NAI-19-42	6.00	3.33	4.19	4.50
PST	K19-203	4.67	4.33	3.57	4.49
NAg	NAI-19-64	4.33	3.67	3.86	4.32
SS	Kelly	4.67	4.67	3.57	4.27
PST	T15-43/Reseed Jumpstart	5.00	4.00	3.95	4.24
NTR	Geronimo	4.00	3.67	3.57	4.23
PPG	A17-869	2.00	4.33	3.29	4.16
NAg	NAI-19-179	4.33	4.33	3.33	4.13
NAg	NAI-17-4	3.33	4.67	3.29	3.97
GOR	GO-KB20-1	6.67	2.67	3.38	3.84
NAg	Kenblue	3.33	4.33	3.00	3.46
CV		16.45	22.66	12.31	7.40
LSD		1.13	1.39	0.79	0.53

2023 Spring Green Up=1-9;9=Best(1 rating)  
 2023 Bill Bug=1-9;9=best(1 rating)  
 2023 Turf Quality Average=1-9;9=best (7 ratings)  
 2022-2023 Turf Quality Average=1-9;9=best (17 ratings)



CTBT 2023 data - 21CTPP6  
 Kentucky Bluegrass Turf Trial  
 2023 Year End Data  
 Location: University of Tennessee (Knoxville, TN)  
 Cooperator: Dr. John Sorochan

SPONSOR	CULTIVAR	Subjective Ratings					
		Percent Green Cover 2023 Average	Dark Green Color Index 2023 Average	Turf Quality 2023 Average	Percent Green Cover 2022-2023 Average	Dark Green Color Index 2022-2023 Average	Turf Quality 2022-2023 Average
PST	K19-208	72.54	0.32	7.37	83.02	0.30	3.96
SS	NAI-19-83	74.04	0.33	7.38	82.77	0.32	3.70
PST	Right	72.08	0.33	7.19	81.72	0.32	3.68
PST	T15-44	76.66	0.34	7.89	85.34	0.32	3.67
PST	Tirem	77.60	0.34	6.88	85.39	0.33	3.63
DLF	A17-4	67.58	0.35	6.82	79.08	0.33	3.60
NTR	AKB3548	66.02	0.34	6.96	77.99	0.32	3.60
PST	K15-163A	72.28	0.34	7.05	80.74	0.32	3.60
DLF	A19-4	69.42	0.34	6.84	79.76	0.32	3.58
PPG	A18-7	74.33	0.33	7.50	82.08	0.32	3.58
DLF	Mercury	73.10	0.35	7.20	83.13	0.33	3.57
SS	NAI-19-90	69.87	0.34	7.13	81.27	0.33	3.57
PPG	Acoustic	71.67	0.33	7.39	80.75	0.32	3.56
PST	Harvest Moon	74.06	0.32	7.21	82.88	0.32	3.56
PST	K19-206	74.64	0.32	7.27	81.35	0.31	3.56
NTR	Delta Blue	69.25	0.34	6.96	79.13	0.32	3.56
NTR	AKB3869	70.36	0.30	7.10	77.60	0.28	3.56
PST	New Moon	77.32	0.33	7.27	83.40	0.32	3.56
PPG	A19-16	76.14	0.33	7.31	84.92	0.33	3.55
PST	K19-201	72.27	0.32	6.36	80.17	0.31	3.52
NTR	AKB3363	70.31	0.33	7.00	79.94	0.32	3.51
SS	NAI-19-181	73.90	0.34	6.79	81.38	0.32	3.50
NAg	NAI-19-58	70.55	0.33	7.19	79.47	0.31	3.50
NTR	AKB2836	75.61	0.34	7.07	83.39	0.34	3.46
PPG	A18-9	69.26	0.34	6.80	78.38	0.33	3.46
NTR	AKB3593	75.37	0.33	7.12	82.93	0.32	3.45
NAg	NAI-17-49	70.92	0.33	7.07	80.99	0.32	3.45
DLF	A12-2	75.72	0.33	7.11	82.83	0.33	3.44
DLF	SR 2284	74.05	0.34	7.23	82.93	0.34	3.43
DLF	NAI-19-45	72.05	0.35	7.08	81.80	0.34	3.43
NTR	Valley View	73.11	0.32	7.36	81.85	0.32	3.43
NAg	NAI-19-92	70.22	0.34	7.12	81.04	0.33	3.42
SS	SEKB-4272	74.00	0.33	6.88	81.45	0.31	3.42
NTR	AKB1565	66.53	0.36	6.81	77.24	0.33	3.41
PST	T17-47	70.59	0.34	7.00	80.70	0.33	3.41
DLF	A15-8	66.37	0.35	6.95	78.99	0.33	3.41
SS	Isabel	71.46	0.36	6.71	81.60	0.35	3.40
PPG	A20-12	70.11	0.34	7.27	79.99	0.33	3.39
PST	K17-188AD	71.49	0.34	7.14	82.16	0.34	3.39
DLF	Fielder	71.97	0.34	7.32	80.21	0.33	3.39
PST	K21-6	67.87	0.33	7.20	77.80	0.32	3.39
SS	NAI-19-188 LS	66.30	0.36	6.54	79.17	0.35	3.38
DLF	A05-361	75.59	0.34	7.33	83.10	0.33	3.37
NTR	AKB2733	67.79	0.35	7.05	77.03	0.34	3.37
DLF	SR 2150	75.78	0.34	7.47	83.64	0.34	3.37
PPG	Bolt	77.50	0.35	7.35	84.97	0.35	3.36
GOR	K13-141	72.69	0.35	7.62	81.40	0.34	3.35
NAg	Jersey	71.70	0.34	7.22	81.08	0.33	3.34
PST	K19-204	68.93	0.34	6.90	77.72	0.33	3.34
GOR	T14-37	72.78	0.33	7.18	78.64	0.31	3.34
NTR	Deja Blue	75.75	0.36	7.21	84.45	0.35	3.33
PST	T15-42	70.19	0.33	7.45	81.14	0.33	3.33
PST	K20-1	75.29	0.35	7.22	83.55	0.34	3.32
NTR	AKB3125	67.26	0.35	6.61	78.36	0.34	3.31
DLF	A12-1	67.17	0.35	6.87	77.87	0.34	3.31
NTR	AKB3208	69.31	0.34	7.26	79.19	0.33	3.31
NTR	AKB3201	77.52	0.34	7.39	83.66	0.33	3.31
DLF	A12-3	71.69	0.36	7.33	79.73	0.34	3.30
NTR	AKB2769	68.89	0.34	7.52	78.57	0.34	3.30

SPONSOR	CULTIVAR	Percent Green Cover 2023 Average	Dark Green Color Index 2023 Average	Turf Quality 2023 Average	Percent Green Cover 2022-2023 Average	Dark Green Color Index 2022-2023 Average	Turf Quality 2022-2023 Average
NTR	AKB1658	71.47	0.34	7.08	79.54	0.33	3.30
PPG	A12-266	70.03	0.35	6.81	79.53	0.34	3.29
PST	K13-140	73.21	0.33	6.89	81.14	0.32	3.28
NTR	AKB2313	68.93	0.32	6.98	76.54	0.31	3.28
SS	NAI-19-166	71.60	0.35	6.79	80.52	0.34	3.28
NAG	NAI-15-90	73.09	0.35	6.74	81.51	0.34	3.27
NAG	NAI-17-4	64.97	0.35	6.40	76.51	0.34	3.27
NAG	Shamrock	72.89	0.35	7.50	81.49	0.34	3.27
DLF	A11-49	72.63	0.35	7.24	80.51	0.34	3.26
PPG	A20-10	70.50	0.35	7.37	79.49	0.34	3.23
NTR	Geronimo	65.09	0.36	6.92	77.41	0.34	3.23
PPG	A17-869	70.68	0.37	7.52	80.33	0.35	3.22
NAG	Kenblue	65.86	0.35	6.66	77.29	0.34	3.22
NTR	AKB2949	72.17	0.35	7.28	80.36	0.34	3.22
SS	NAI-19-125	71.62	0.35	6.92	80.34	0.35	3.21
PST	K19-207	65.03	0.34	7.06	71.58	0.32	3.21
PST	Desert Dream	69.17	0.36	6.79	79.46	0.35	3.21
NTR	En Gedi	71.35	0.32	7.04	79.59	0.31	3.20
NAG	NAI-19-179	71.16	0.35	7.55	80.10	0.34	3.20
DLF	A14-417	66.43	0.37	6.74	78.41	0.37	3.19
SS	NAI-19-190 LS	71.61	0.35	7.19	80.00	0.35	3.19
PST	K20-4	67.93	0.34	6.53	76.71	0.34	3.18
SS	Wildhorse	67.47	0.35	6.82	77.26	0.34	3.18
DLF	A15-7	64.67	0.34	6.70	73.67	0.33	3.17
SS	Skye	72.39	0.33	7.12	79.25	0.32	3.17
DLF	A15-480	73.71	0.34	6.76	80.99	0.34	3.17
PST	K19-202	71.47	0.32	6.67	75.32	0.30	3.17
PPG	A20-13	70.30	0.34	6.95	78.19	0.33	3.16
SS	Kelly	68.14	0.36	7.04	78.39	0.35	3.16
PST	K19-203	66.07	0.37	7.26	76.46	0.36	3.16
NTR	Tejas	66.14	0.36	6.90	78.16	0.35	3.15
PST	K18-199	69.25	0.35	6.91	77.36	0.34	3.15
NAG	NAI-19-64	69.46	0.35	6.84	79.76	0.35	3.15
DLF	A10-5	71.40	0.34	6.84	78.92	0.34	3.15
NTR	Mallard	70.90	0.36	7.22	78.77	0.35	3.12
PST	K18-197	68.09	0.33	6.68	77.06	0.32	3.12
PPG	A19-1	74.02	0.36	7.10	80.24	0.35	3.08
PST	K16-178	64.41	0.35	6.10	72.57	0.33	3.07
NTR	Ridgeline	66.66	0.36	6.76	76.51	0.35	3.04
PST	T17-49	67.70	0.34	6.48	70.88	0.32	3.04
NTR	AKB2403	67.40	0.34	6.39	73.86	0.33	3.04
PST	TX8-56	67.52	0.33	7.08	73.74	0.32	3.03
NTR	AKB2795	70.27	0.34	6.74	77.95	0.35	3.00
PST	K15-168	65.98	0.34	6.72	72.53	0.33	3.00
PST	K20-3	73.29	0.33	6.45	78.95	0.33	2.97
NTR	AKB3179	64.70	0.35	6.80	74.09	0.34	2.95
NTR	AKB3456	75.01	0.36	6.92	79.85	0.36	2.93
NTR	AKB3216	69.72	0.36	6.91	78.92	0.36	2.92
GOR	GO-KB20-1	53.74	0.37	5.70	67.45	0.35	2.88
NAG	NAI-19-42	70.40	0.35	6.55	73.27	0.34	2.81
SS	NAI-19-164	65.88	0.34	6.47	71.27	0.34	2.80
NTR	AKB2543	65.68	0.33	6.36	71.30	0.33	2.75
PST	T15-43	68.65	0.37	6.51	75.36	0.38	2.61
PST	K15-169	64.87	0.35	6.46	68.75	0.36	2.45
	CV	5.99	3.89	6.81	4.43	3.45	7.85
	LSD	5.71	0.02	0.64	4.74	0.02	0.35

2023 Average Percent Green Cover=1-100; 100=best (12 ratings)

2023 Average DGCI=0-1;1=dark green (12 ratings)

2023 Average Turf Quality=0-9; 9=best (12 ratings)

2022-2023 Average Percent Green Cover=1-100; 100=best (24 ratings)

2022-2023 Average DGCI=0-1; 1=dark green (24 ratings)

2022-2023 Average Turf Quality=1-9; 9=best (12 ratings)

**2023 Fine Fescue Site Management**

Fertility (lbs / 1,000 ft2)											
Site	N	P	K	Soil Type	pH	Mow Height Inches	Irrigation	Fungicides	Herbicides	Trial Type	Other
Indiana West Lafayette	3.0	0.0	0.0	Silt Loam, Clay Loam	6.3	3.0	None	None	Tenacity, Xonerate, Prograss	Full Sun	

**2022 Tall Fescue Site Management**

Minnesota St. Paul	1.5	0.0	0.0	Wakegan Silt Loam	7.3	3.0	Prevent dormancy	None	None	Full Sun	
New Jersey Freehold	3.8	0.0	0.0	Sandy Loam	6.1	1.5	Prevent Severe Stress	None	None	Full Sun	
North Carolina Rolesville	7.0	0.0	0.0	Durham Loamy Sand	6.0	2.5	Prevent Drought Stress	Subdue	None	Full Sun	
Oregon Albany	4.5	1.0	2.3	Silt Loam	5.0	1.5	None	Satori	2, 4-D	Drought	
Oregon Canby	3.5	0.0	0.0	Woodburn Silty Clay Loam	5.6	2.0	Prevent Stress	Nortron	Dimension, Latigo/Full Deck	Low Mow	
Virginia Blacksburg	3.0	0.0	0.0	Silty Clay Loam	5.6	3.5	Prevent Stress	None	Mesotriner, Speedzone	Full Sun	

**2021 Kentucky Bluegrass Site Management**

Fertility (lbs / 1,000 ft2)											
Site	N	P	K	Soil Type	pH	Mow Height Inches	Irrigation	Fungicides	Herbicides	Trial Type	Other
Arkansas Fayetteville	4.0	0.0	0.0	Captina Silt Loam	6.2	1.5	Prevent Stress	Segway, Subdue	Prodiamine	Full Sun	
Minnesota St. Paul	3.0	0.0	0.0	Wakegan Silt Loam	7.3	3.0	Recovery from drought	None	None	Full Sun	
New Jersey Freehold	3.8	0.0	0.0	Sandy Loam	6.1	1.5	Prevent Severe Stress	None	None	Full Sun	
North Carolina Rolesville	4.0	0.0	0.0	Durham Loamy Sand	6.0	1.0	Prevent Drought Stress	None	None	Full Sun	
Oregon Albany	4.5	1.0	2.3	Silt Loam	5.0	1.5	None	Satori	2, 4-D	Drought	
Oregon Canby	3.5	0.0	0.0	Woodburn Silty Clay Loam	5.6	0.5	Prevent Stress	None	Dimension, Latigo/Full Deck	Low Mow	
Oregon Canby	2.5	0.0	0.0	Woodburn Silty Clay Loam	5.6	2.0	Prevent Stress	None	None	Shade	
Tennessee Knoxville	0.5	0.0	0.0	Sequatchie Silt Loam Soil	6.2	2.0	Prevent Stress	None	Quinclorac (Drive)	Normal	