



Cooperative Turfgrass Breeders Test



2022 Report

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Table of Contents

Location (Location #)

Trials

Arkansas

Middle Fork (27)

2021 Kentucky Bluegrass

Minnesota

St. Paul (16)

2021 Kentucky Bluegrass

New Jersey

Freehold (1)

2022 Tall Fescue

2021 Kentucky Bluegrass

North Carolina

Rolesville (4)

2021 Kentucky Bluegrass

Oregon

Canby (11)

2021 Kentucky Bluegrass

Canby (28)

2021 Kentucky Bluegrass

Albany (12)

2021 Kentucky Bluegrass

Tennessee

Knoxville (6)

2021 Kentucky Bluegrass

CTBT: 2021 Trial - 21CTPP27
 Kentucky Bluegrass Turf Trial
 2022 Year End Data
 Location: Middle Fork Research LLC (Fayetteville, AR)
 Cooperator: Mike Richardson, Ph.D

SPONSOR	CULTIVAR	Objective Data					
		Percent Cover	Cover	Genetic Color	Density	Uniformity	Turf Quality
		2022	2022	2022	2022	2022	2022
NAG	NAI-17-49	85.49	5.65	6.25	2.96	6.35	5.30
DLF	Martha	87.07	6.01	6.09	2.75	5.75	5.15
DLF	A12-1	81.04	4.20	5.20	3.06	7.08	4.89
PST	K20-3	76.77	4.37	6.84	2.76	5.39	4.84
NTR	Delta Blue	82.08	4.71	6.37	2.86	5.20	4.79
NTR	AKB3216	79.32	5.28	5.40	2.85	5.49	4.75
NTR	Valley View	79.40	4.65	5.33	3.17	5.70	4.71
PST	K15-168	75.20	3.99	6.07	3.73	5.02	4.70
NTR	AKB3363	76.26	4.21	5.38	2.62	6.56	4.69
PPG	A18-7	74.44	4.60	6.09	2.68	5.36	4.68
PST	K20-1	77.23	4.43	6.30	2.53	5.43	4.68
NTR	AKB2795	74.81	4.30	5.19	3.08	6.12	4.67
NTR	Geronimo	76.23	3.94	4.88	3.04	6.79	4.66
PST	Tirem	76.82	3.98	6.17	2.88	5.62	4.66
PST	K16-178	71.54	3.97	5.87	3.31	5.43	4.64
PST	K19-202	73.63	4.08	5.82	3.17	5.47	4.64
DLF	A12-3	76.07	3.34	6.03	3.61	5.49	4.61
PST	K13-141 (Super Moon)	76.92	4.14	5.16	2.59	6.46	4.59
SS	NAI-19-90	78.84	5.02	5.36	2.78	5.06	4.56
NTR	AKB3605	70.98	3.27	6.29	3.38	5.29	4.55
DLF	SR 2150	76.46	4.03	4.63	2.76	6.77	4.55
PST	K19-208	76.57	4.04	6.19	2.76	5.18	4.55
SS	NAI-19-166	78.71	4.21	4.94	3.05	5.88	4.52
PST	K18-197	68.90	3.08	6.05	3.44	5.46	4.51
PST	K19-203	69.64	3.37	5.72	3.08	5.79	4.49
PPG	A20-12	77.38	4.45	4.86	2.62	6.04	4.49
NTR	AKB3869	73.57	3.66	6.06	2.87	5.36	4.48
SS	NAI-19-181	71.03	3.56	5.22	3.56	5.54	4.47
PPG	A17-869	76.50	4.03	4.33	3.10	6.34	4.45
DLF	A10-5	70.96	3.84	4.90	2.89	6.01	4.41
NTR	AKB2836	79.09	4.40	5.03	2.64	5.55	4.41
PST	T17-47	74.80	3.67	5.54	2.86	5.55	4.40
NTR	AKB2769	70.09	4.37	4.72	2.83	5.69	4.40
PPG	A19-16	74.50	4.42	4.88	2.32	5.98	4.40
PST	K15-163A	68.86	3.40	5.07	3.07	6.01	4.39
DLF	A15-480	77.42	4.56	4.20	2.43	6.31	4.38
SS	Kelly	73.62	3.85	5.17	2.69	5.77	4.37
SS	Skye	81.09	4.35	4.77	2.58	5.77	4.37
NTR	Deja Blue	78.15	4.66	4.56	2.56	5.68	4.36
NTR	AKB2313	77.09	4.05	5.54	2.18	5.67	4.36
NTR	AKB3208	74.28	3.13	5.95	3.05	5.26	4.35
NTR	AKB3201	75.16	4.69	5.16	2.14	5.38	4.35
PST	Right	75.42	3.94	5.75	2.78	4.87	4.33
PST	Harvest Moon	73.14	3.47	5.32	2.63	5.88	4.33
DLF	A17-4	76.26	4.33	4.95	2.67	5.34	4.32
NTR	AKB3548	67.25	2.76	5.89	3.22	5.40	4.32
SS	NAI-19-83	69.22	3.37	5.12	2.56	6.16	4.31
NTR	Ridgeline	72.36	3.32	5.97	2.75	5.16	4.30
DLF	SR 2284	72.25	3.31	5.37	3.12	5.39	4.30
NAG	Kenblue	65.69	3.39	4.52	2.92	6.33	4.29
PPG	Acoustic	72.91	3.29	5.50	2.63	5.68	4.28
DLF	A15-7	62.05	2.79	5.45	3.45	5.40	4.27
DLF	A12-2	71.28	3.63	4.93	3.06	5.41	4.26
PST	K20-4	64.08	2.52	6.17	3.15	5.17	4.25
NTR	AKB3593	74.10	3.89	5.60	2.58	4.93	4.25
PPG	A18-9	67.55	3.92	5.53	2.74	4.80	4.25
DLF	A11-49	70.79	4.07	5.38	2.75	4.77	4.25
NAG	NAI-15-90	70.60	3.71	4.53	3.22	5.33	4.20
PST	K17-187	73.43	3.21	6.03	2.27	5.19	4.18
PST	New Moon	68.59	2.75	6.32	2.90	4.75	4.18
DLF	A15-8	68.31	3.74	4.11	2.79	6.02	4.17
SS	NAI-19-190 LS	75.05	3.99	4.78	2.68	5.19	4.16
NTR	AKB3179	69.00	4.22	4.68	2.30	5.40	4.15
DLF	A05-361	75.84	4.34	4.90	2.63	4.74	4.15
NTR	AKB3125	64.78	3.22	4.58	2.71	6.05	4.14

SPONSOR	CULTIVAR	Percent Cover 2022	Cover 2022	Genetic Color 2022	Density 2022	Uniformity 2022	Turf Quality 2022
NAg	NAI-19-92	76.09	4.43	4.89	2.12	5.10	4.14
PST	K19-206	70.96	3.47	4.95	2.49	5.62	4.13
NTR	AKB2403	66.77	3.12	5.79	2.70	4.79	4.10
PST	K19-201	65.56	3.41	5.64	2.27	5.00	4.08
PST	K15-169	65.44	2.39	5.89	3.20	4.81	4.07
PPG	Bolt	68.19	3.84	4.43	2.45	5.52	4.06
PPG	A19-1	67.28	3.60	4.63	2.54	5.40	4.04
PST	K17-188AD (Cutting Edge)	61.64	3.27	5.10	3.28	4.41	4.02
NTR	En Gedi	70.27	3.04	5.12	2.35	5.55	4.01
PST	Desert Dream	68.62	2.99	5.26	3.06	4.73	4.01
NTR	AKB1565	63.43	1.94	5.56	3.14	5.41	4.01
NAg	Jersey	66.13	3.25	4.89	2.47	5.42	4.01
NAg	NAI-19-45	67.36	3.02	4.29	3.17	5.50	4.00
NAg	NAI-17-4	64.25	3.01	4.49	3.01	5.42	3.98
PST	K13-140	72.01	3.97	4.48	2.40	5.07	3.98
PST	K19-204	63.14	3.03	5.53	3.03	4.32	3.97
PPG	A20-10	62.34	2.34	5.17	3.20	5.15	3.96
SS	NAI-19-188 LS	74.50	3.92	4.50	2.39	4.91	3.93
PPG	A12-266	60.93	2.68	4.71	2.63	5.69	3.93
NTR	AKB2949	69.60	3.61	5.21	2.28	4.50	3.91
DLF	A14-417	68.41	4.00	5.11	2.38	4.12	3.90
DLF	Mercury	68.47	3.26	5.24	2.38	4.72	3.90
SS	NAI-19-164	63.57	1.98	6.17	3.59	3.86	3.90
NTR	Mallard	65.86	2.49	5.62	2.97	4.46	3.88
PST	T15-43	63.12	1.77	4.81	3.08	5.76	3.85
NAg	NAI-19-179	60.76	2.29	4.20	2.57	6.18	3.81
NTR	AKB1658	69.81	2.80	4.92	2.54	4.98	3.81
SS	NAI-19-125	59.57	2.48	4.51	2.74	5.43	3.79
PPG	A20-13	62.05	2.89	4.44	2.64	5.09	3.77
NTR	AKB2733	56.56	2.10	4.86	3.24	4.80	3.75
DLF	A19-4	67.18	2.40	5.75	2.89	3.89	3.74
NTR	Tejas	60.26	2.92	4.30	2.79	4.89	3.72
SS	SEKB-4272	62.52	3.00	4.53	2.28	5.03	3.71
SS	Isabel	53.96	1.82	4.79	3.14	5.01	3.69
NAg	NAI-19-58	60.90	2.08	5.01	3.07	4.60	3.69
DLF	Fielder	63.87	2.09	4.81	2.86	4.95	3.68
PST	T17-49 (Sunray)	58.97	2.37	5.26	2.67	4.35	3.66
PST	T15-44	56.70	2.24	4.53	3.17	4.69	3.66
NAg	NAI-19-42	52.04	1.69	5.08	3.20	4.65	3.66
PST	K18-199	62.61	2.92	4.45	2.57	4.63	3.64
NAg	NAI-19-64	54.05	1.93	4.23	2.73	5.62	3.63
PST	K19-207	52.49	2.07	4.96	2.71	4.68	3.60
NTR	AKB3456	57.18	2.03	4.14	2.91	5.30	3.59
GOR	T14-37	49.84	1.68	5.18	3.16	4.04	3.52
PST	T15-42 (Kickstart)	49.08	1.73	4.30	2.96	4.96	3.48
PST	K17-182	51.89	1.87	5.19	2.97	3.89	3.48
NTR	AKB2543	52.13	2.22	5.02	2.38	4.14	3.44
PST	K21-6	56.84	1.44	4.65	3.05	4.56	3.43
NAg	Shamrock	53.21	1.67	4.27	2.92	4.78	3.41
GOR	GO-KB20-1	43.74	1.47	4.80	2.48	4.53	3.32
PST	TX8-56	45.45	2.05	3.83	2.57	4.14	3.15
SS	Wildhorse	45.59	1.80	3.92	2.73	3.90	3.09
	CV	15.65	35.53	8.44	12.67	17.27	13.98
	LSD	14.44	1.61	0.59	0.48	1.23	0.78

2022 Average Percent Cover = (6 ratings)
 2022 Average Cover = 1-9; 9=Most Cover (6 ratings)
 2022 Average Genetic Color = 1-9; 9=Darkest (6 ratings)
 2022 Average Density = 1-9; 9=Most Dense (6 ratings)
 2022 Average Turf Quality = 1-9; 9=Best (6 ratings)
 2022 Average Uniformity Quality = 1-9; 9=Best (6 ratings)

CTBT: 2021 Trial - 21CTPP16
 Kentucky Bluegrass Turf Trial
 2022 Year End Data
 Location: University of Minnesota (St. Paul, MN)
 Cooperator: Dr. Eric Watkins

SPONSOR	CULTIVAR	Spring Green Up	Turf Quality
		2022	2022
NTR	AKB3179	3.67	6.56
PST	K15-168	4.33	6.55
NAg	NAI-19-58	3.67	6.33
PST	K17-182	5.00	6.22
NTR	Valley View	3.33	6.22
GOR	T14-37	4.33	6.17
PST	TX8-56	5.00	6.11
SS	Skye	5.33	6.06
NTR	Delta Blue	3.67	5.94
PPG	Bolt	6.33	5.94
DLF	A12-3	5.67	5.89
NTR	AKB2836	5.33	5.89
NTR	AKB2795	4.00	5.83
PST	T15-42 (Kickstart)	5.67	5.78
PST	Right	4.33	5.72
PST	K19-203	5.33	5.72
NTR	En Gedi	3.33	5.67
PST	K13-141 (Super Moon)	4.33	5.67
PST	T17-47	6.00	5.61
PST	New Moon	3.67	5.61
NTR	AKB1658	4.67	5.61
PST	K13-140	4.00	5.61
PST	K18-199	4.67	5.56
NTR	AKB3363	4.00	5.56
SS	NAI-19-190 LS	4.33	5.56
PST	K21-6	4.00	5.56
PPG	A18-7	5.67	5.50
PST	K17-187	3.67	5.50
PST	K19-202	3.67	5.50
DLF	SR 2150	3.33	5.50
DLF	A15-8	3.67	5.50
PST	K20-1	5.00	5.50
PPG	A18-9	5.00	5.45
PPG	A12-266	3.67	5.45
PPG	Acoustic	4.33	5.44
NTR	AKB2403	3.67	5.44
SS	NAI-19-166	4.00	5.44
SS	NAI-19-90	5.00	5.39
NAg	Jersey	3.33	5.39
DLF	Martha	5.00	5.39
NTR	AKB3125	3.67	5.39
PST	K19-208	4.67	5.39
DLF	A17-4	4.33	5.34
PPG	A19-1	4.33	5.33
PST	K17-188AD (Cutting Edge)	4.67	5.33
PST	K19-207	4.67	5.33
NTR	Geronimo	4.33	5.28
SS	NAI-19-188 LS	4.33	5.28
PST	T15-44	5.67	5.28
NAg	NAI-19-92	5.33	5.28
NTR	AKB3208	4.33	5.28
NAg	NAI-19-179	4.67	5.28
NAg	NAI-19-42	4.33	5.28
DLF	A15-480	4.67	5.28
NTR	AKB3593	3.67	5.28
NTR	Tejas	4.67	5.22
DLF	A12-2	5.33	5.22
SS	SEKB-4272	4.33	5.22
PST	K15-163A	4.67	5.17
NTR	Deja Blue	6.00	5.11

SPONSOR	CULTIVAR	Spring Green Up	Turf Quality
		2022	2022
DLF	A15-7	4.67	5.11
PPG	A17-869	4.00	5.11
NTR	Mallard	4.67	5.11
DLF	A19-4	3.67	5.11
SS	NAI-19-83	4.67	5.11
SS	Wildhorse	4.33	5.11
NTR	AKB2313	3.00	5.11
DLF	A14-417	3.00	5.11
NAg	NAI-19-45	4.67	5.06
SS	NAI-19-125	3.67	5.06
SS	NAI-19-181	3.33	5.06
PST	K19-201	3.67	5.05
NTR	AKB2769	3.33	5.05
PST	K16-178	4.67	5.00
PST	K19-206	4.00	5.00
NTR	AKB2949	3.33	5.00
NAg	NAI-15-90	4.33	5.00
DLF	Fielder	4.33	5.00
NAg	Shamrock	4.67	5.00
NTR	AKB2543	3.00	5.00
DLF	A12-1	5.00	4.94
DLF	A11-49	4.00	4.94
NTR	AKB1565	4.67	4.89
DLF	Mercury	4.00	4.89
PST	Harvest Moon	3.33	4.89
NAg	NAI-19-64	4.33	4.89
SS	Isabel	4.67	4.83
PPG	A20-10	4.67	4.83
NTR	AKB3605	4.33	4.83
NTR	AKB3216	4.00	4.83
PST	T17-49 (Sunray)	4.33	4.78
NTR	Ridgeline	4.00	4.78
PST	K15-169	4.00	4.78
NTR	AKB3869	2.67	4.78
DLF	A05-361	4.67	4.78
NTR	AKB3201	2.67	4.72
PST	K18-197	3.33	4.72
PST	Desert Dream	4.33	4.67
DLF	SR 2284	4.00	4.61
NAg	NAI-17-49	3.33	4.61
PST	Tirem	5.00	4.61
NTR	AKB2733	3.00	4.55
PPG	A19-16	5.00	4.55
NTR	AKB3548	3.67	4.50
NAg	NAI-17-4	6.33	4.50
NTR	AKB3456	3.67	4.44
PST	K20-3	5.00	4.44
SS	Kelly	3.33	4.44
PPG	A20-13	3.67	4.22
PST	K20-4	3.67	4.17
PPG	A20-12	4.67	4.11
DLF	A10-5	4.00	4.00
PST	K19-204	3.00	3.94
SS	NAI-19-164	3.00	3.83
NAg	Kenblue	6.33	3.78
PST	T15-43	3.67	3.72
GOR	GO-KB20-1	3.67	3.67
CV		15.58	10.99
LSD		0.90	0.76

2022 Average Spring Green Up = (1 Rating)
 2022 Average Turf Quality = (6 ratings)

CTBT: 2022 Trial - 22CTFA1
Tall Fescue Turf Trial
2022 Year end Data
Location: Rutgers University (Freehold, NJ)
Cooperator: Dr. Stacy Bonos

SPONSOR	CULTIVAR	Establishment 2022	Turf Quality October 2022	Turf Quality November 2022
Check	GLX Aced	9.00	7.67	8.33
PST	PST-521DT	8.67	7.00	8.00
PST	PST-5CHR	8.67	6.67	8.00
PST	PST-5CHWM	9.00	8.00	7.67
PPG	PPG-TF 396	8.67	6.33	7.67
Check	TALL BOY	9.00	6.67	7.67
Check	Covenant II	9.00	6.67	7.67
NTR	ATF1835	8.33	5.67	7.33
DLF	DLF-TF/3843	9.00	7.00	7.33
NTR	ATF1889	9.00	7.00	7.33
Check	GLX STAR	9.00	7.00	7.33
PST	PST-5BP21	9.00	7.00	7.33
Check	Lifeguard	8.33	7.33	7.33
PPG	PPG-TF 420	7.67	7.00	7.33
DLF	DLF-TF/3846	9.00	6.00	7.33
NTR	ATF2035	8.67	7.00	7.33
NTR	ATF2054	8.67	5.00	7.33
PST	PST-R5HD6	8.67	5.67	7.33
NTR	ATF2205	8.00	7.00	7.00
NTR	ATF2048	8.67	7.67	7.00
DLF	DLF-TF/3837	9.00	7.33	7.00
NTR	ATF2056	8.33	6.33	7.00
Check	Vert	8.67	7.67	7.00
DLF	DLF-TF/3849	8.33	7.33	7.00
NTR	ATF2208	8.67	7.33	7.00
Check	Turfway	9.00	6.67	7.00
NTR	ATF2059	9.00	7.00	7.00
PST	PST-5HAF9	9.00	7.00	7.00
NTR	ATF1820	9.00	7.00	7.00
NTR	ATF2115	8.00	6.00	7.00
NTR	ATF2207	8.33	6.67	6.67
PST	PST-5CHWT	9.00	7.67	6.67
DLF	DLF-TF/3838	8.67	6.00	6.67
NTR	ATF1738	9.00	6.67	6.67
NAI	NAI-3BR22	7.67	6.33	6.67
NTR	ATF1822	9.00	7.00	6.67
Check	Spyder 2LS	9.00	7.33	6.67
DLF	DLF-TF/3844	9.00	6.33	6.67
SS	SETF320	8.67	5.67	6.67
NAI	NAI-ST822	7.00	7.00	6.67
NTR	ATF2211	8.33	7.00	6.67
SS	TF 1895 CK	8.67	5.67	6.67
Check	Gazelle II	8.67	6.67	6.67
Check	Rebel V	8.67	6.67	6.67
NAI	NAI-SOTF22	7.67	6.00	6.67
NTR	ATF1985	8.33	6.33	6.67
UGA	UGA-18NL1	7.33	6.00	6.67
NTR	ATF2198	8.67	6.33	6.67
	Raceway	9.00	7.33	6.67
PST	PST-5VFD	8.00	6.33	6.67
	Bladerunner 3	8.67	5.67	6.67
NTR	ATF2190	8.33	6.00	6.33
PPG	PPG-TF 368	8.33	5.67	6.33
NTR	ATF2047	8.33	6.33	6.33
SS	SETF520	8.67	6.33	6.33
PPG	PPG-TF 374	9.00	7.67	6.33
UGA	UGA-G1	7.00	5.67	6.33
DLF	DLF-TF/3841	9.00	7.67	6.33

SPONSOR	CULTIVAR	Establishment 2022	Turf Quality October 2022	Turf Quality November 2022
PST	PST-5TQBP	9.00	7.00	6.33
PST	Easy Green	7.67	6.33	6.33
PST	PST-5BVD	8.00	7.00	6.33
UGA	UGA-T2	8.67	6.67	6.33
Check	Grande 3	9.00	7.00	6.33
PST	PST-520D	8.33	6.33	6.33
DLF	DLF-TF/3839	9.00	6.67	6.33
NTR	ATF2206	9.00	5.67	6.33
DLF	DLF-TF/3848	7.67	5.00	6.33
PPG	PPG-TF 372	8.67	7.00	6.33
NAI	NAI-4FRX22	7.00	6.00	6.00
UGA	UGA-19C5	8.67	5.67	6.00
NTR	ATF2041	8.33	7.00	6.00
Check	Rowdier	9.00	7.00	6.00
DLF	DLF-TF/3840	7.00	5.00	6.00
SS	SETF120	8.67	6.33	6.00
Check	Rowdy	8.67	6.00	6.00
PPG	PPG-TF 421	8.00	6.33	6.00
DLF	DLF-TF/3850	8.00	6.67	6.00
NTR	ATF2248	9.00	6.33	6.00
NTR	ATF2043	8.00	6.33	6.00
DLF	DLF-TF/3845	9.00	6.33	6.00
NTR	ATF1914	8.67	6.67	6.00
PST	PST-5LSM	8.00	5.67	5.67
DLF	DLF-TF/3842	8.67	6.00	5.67
Check	Saltillo	9.00	6.33	5.67
DLF	SR 8700	8.67	6.67	5.67
PST	PST-5DC320	8.67	5.33	5.67
SS	SETF221	8.00	5.67	5.67
PST	PST-5NOG	8.33	6.00	5.67
NTR	ATF2209	7.33	5.33	5.67
NAI	NAI-BNTB22	7.00	5.33	5.67
SS	SETF222	7.33	5.33	5.67
UGA	UGA-17F3A	8.00	5.33	5.67
DLF	DLF-TF/3847	8.67	5.67	5.67
NTR	ATF1993	8.33	5.67	5.67
NTR	ATF1758	8.33	5.33	5.33
PST	PST-5FOE	9.00	5.33	5.33
NTR	ATF2199	8.33	5.33	5.33
PPG	PPG-TF 397	8.33	6.00	5.33
PPG	PPG-TF 395	7.67	5.33	4.33
PPG	PPG-TF 423	7.33	5.67	4.33
	CV	6.90	16.29	18.51
	LSD	0.79	1.41	1.62

CTBT: 2021 Trial - 21CTPP1
 Kentucky Bluegrass Turf Trial
 2022 year end data
 Location: Rutgers University (Freehold, NJ)
 Cooperator: Dr. Stacy Bonos

SPONSOR	CULTIVAR	Establishment	Stem Rust	Turf Quality 2022
PST	K20-1	6.33	9.00	7.00
NTR	Valley View	7.33	6.00	6.86
PPG	Bolt	8.00	6.33	6.48
DLF	A17-4	7.67	5.67	6.38
NAg	NAI-19-58	5.67	6.67	6.38
PST	K17-182	6.67	6.33	6.19
NAg	NAI-19-64	8.33	5.33	6.19
DLF	A14-417	5.67	6.67	6.00
PST	K18-199	6.67	6.33	5.91
NAg	NAI-19-45	7.00	6.67	5.86
NTR	AKB3179	6.67	5.67	5.81
DLF	Martha	5.67	7.67	5.81
PPG	A18-7	7.00	5.33	5.81
NTR	AKB2836	6.00	6.00	5.81
NAg	NAI-15-90	7.00	6.67	5.81
SS	SEKB-4272	6.33	6.67	5.76
PPG	A17-869	8.67	5.67	5.72
PPG	A20-13	6.67	6.00	5.71
PST	K19-204	6.67	6.00	5.71
NTR	AKB3125	7.33	7.33	5.67
PST	K19-206	6.67	5.33	5.67
PPG	A18-9	7.33	5.00	5.62
NTR	AKB2769	7.33	4.67	5.62
DLF	A15-480	8.67	7.00	5.62
DLF	A15-7	5.33	4.67	5.62
NAg	NAI-19-179	8.00	4.67	5.62
PST	Right	7.33	7.00	5.57
DLF	A05-361	6.67	7.67	5.53
NTR	AKB3201	6.33	7.33	5.52
SS	Skye	6.33	5.00	5.52
DLF	A15-8	6.67	5.33	5.48
NTR	Deja Blue	8.00	7.33	5.48
SS	NAI-19-166	6.33	6.00	5.48
NTR	AKB2949	6.33	8.00	5.43
PST	T17-47	6.33	7.00	5.38
SS	Isabel	7.33	6.00	5.34
DLF	A12-3	4.33	6.67	5.29
NTR	AKB3363	7.00	3.67	5.29
NTR	AKB2403	6.33	7.67	5.29
NTR	Delta Blue	6.33	7.33	5.29
SS	NAI-19-188 LS	6.00	5.33	5.29
NAg	NAI-19-92	6.33	7.33	5.29
PST	T15-44	7.67	4.33	5.19
NTR	AKB3593	5.33	5.67	5.19
NAg	NAI-17-4	6.67	4.00	5.19
SS	NAI-19-181	6.33	5.67	5.19
PST	K21-6	5.33	6.00	5.14
SS	NAI-19-83	6.33	5.33	5.10
NTR	Geronimo	8.67	4.00	5.05
NTR	AKB2795	6.00	7.00	5.05
NTR	AKB3216	7.67	5.67	5.00
PPG	A20-12	7.33	4.33	5.00
PPG	A19-16	6.00	6.67	4.95
PST	K17-187	7.00	6.67	4.95
PST	K19-208	5.67	5.33	4.91
DLF	A12-1	6.00	4.33	4.90
NTR	AKB1565	6.00	6.33	4.90
PST	T17-49 (Sunray)	6.00	5.67	4.86
PST	K16-178	7.67	5.67	4.81

SPONSOR	CULTIVAR	Establishment	Stem Rust	Turf Quality 2022
PPG	A20-10	6.33	2.00	4.81
NAg	Kenblue	7.67	4.00	4.76
SS	NAI-19-125	6.00	4.67	4.76
DLF	SR 2284	7.33	5.67	4.76
SS	NAI-19-90	5.67	6.67	4.71
NTR	Tejas	6.67	5.00	4.67
DLF	SR 2150	6.67	5.67	4.67
NTR	Mallard	6.67	5.00	4.62
PST	K19-203	5.67	4.33	4.57
PPG	A12-266	7.33	6.00	4.57
PPG	A19-1	6.00	6.00	4.57
PST	K13-141 (Super Moon)	5.67	7.33	4.57
DLF	A19-4	6.33	5.00	4.53
PST	K17-188AD (Cutting Edge)	7.00	6.00	4.53
SS	Wildhorse	6.67	4.00	4.52
PST	K20-4	6.33	6.67	4.48
DLF	A10-5	4.33	4.67	4.47
NAg	Jersey	5.67	5.33	4.43
PST	Harvest Moon	7.00	4.00	4.43
DLF	A11-49	6.00	7.00	4.38
NTR	AKB1658	6.33	6.33	4.33
PPG	Acoustic	6.33	5.00	4.33
PST	K19-202	5.33	3.67	4.29
PST	T15-42 (Kickstart)	8.00	4.67	4.24
PST	K15-163A	6.33	5.67	4.24
PST	K20-3	6.00	7.67	4.19
DLF	A12-2	6.00	4.67	4.14
NTR	En Gedi	6.00	3.00	4.10
DLF	Mercury	6.67	4.67	4.10
PST	New Moon	6.00	2.33	4.04
PST	K18-197	6.33	4.33	4.00
NTR	AKB3456	5.67	4.33	3.95
NTR	AKB2313	5.33	4.67	3.90
PST	K15-168	4.67	6.00	3.86
SS	NAI-19-190 LS	6.00	4.67	3.81
GOR	GO-KB20-1	7.33	4.67	3.81
SS	Kelly	6.67	5.33	3.81
GOR	T14-37	5.67	3.67	3.81
PST	Tirem	6.33	5.33	3.81
PST	K19-207	6.00	3.67	3.76
NTR	Ridgeline	5.33	2.33	3.72
PST	Desert Dream	7.00	5.67	3.67
NAg	NAI-17-49	5.67	3.67	3.67
NTR	AKB3548	6.00	3.67	3.57
PST	K19-201	5.00	6.33	3.52
NTR	AKB3208	6.00	2.67	3.38
NTR	AKB3605	6.00	4.67	3.33
NTR	AKB3869	6.67	4.00	3.33
DLF	Fielder	5.67	4.33	3.33
PST	K13-140	5.33	5.33	3.33
NTR	AKB2543	6.67	7.00	3.19
NAg	NAI-19-42	6.67	4.00	3.19
PST	T15-43	2.67	4.67	3.19
PST	TX8-56	5.67	2.33	3.05
NAg	Shamrock	6.33	4.00	2.95
NTR	AKB2733	7.00	1.33	2.91
SS	NAI-19-164	5.67	4.33	2.90
PST	K15-169	2.00	3.33	2.38
CV		11.21	22.37	20.78
LSD		0.97	1.62	1.34

2022 Average Turf Quality = 1-9; 9=Best (7 ratings)
 2022 Average Stem Rust Rating = 1-9; 9=Best (1 rating)
 2022 Average Establishment Rating = 1-9; 9=Best (1 rating)

CTBT: 2021 Trial - 21CTPP4
 Kentucky Bluegrass Turf Trial
 2022 Year End Data
 Location: Pure Seed Testing, Inc. (Rolesville, NC)
 Cooperator: Dr. Melodee Fraser

SPONSOR	CULTIVAR	Crown Rust 2022	Establishment 2022	Turf Quality 2022
SS	NAL-19-90	7.00	6.50	5.91
PST	Right	6.33	6.17	5.87
NAg	NAL-19-92	8.67	5.83	5.80
NAg	NAL-19-58	7.67	5.83	5.80
SS	Skye	4.67	6.33	5.78
NTR	AKB2949	7.33	6.83	5.75
DLF	Martha	8.67	4.67	5.71
PST	K17-182	8.67	6.33	5.69
NTR	Valley View	8.00	6.00	5.58
PPG	A18-7	9.00	6.33	5.58
PST	K17-187	7.67	6.17	5.56
DLF	A14-417	9.00	6.50	5.56
PST	K19-208	8.00	6.00	5.56
NTR	AKB3201	6.00	5.67	5.49
PST	K13-140	7.67	4.50	5.44
PST	T17-47	8.67	5.50	5.40
NTR	AKB1658	8.00	5.83	5.40
NTR	AKB3605	7.33	5.67	5.36
NTR	AKB3548	9.00	6.00	5.33
PST	K20-1	7.33	6.83	5.31
PST	New Moon	8.67	5.17	5.31
PST	K20-3	8.33	5.83	5.29
NTR	AKB2836	5.33	5.67	5.29
PPG	Bolt	7.33	7.33	5.25
DLF	A05-361	7.33	5.83	5.24
DLF	A11-49	8.67	6.00	5.22
PST	T15-44	5.33	7.00	5.20
DLF	A19-4	5.67	6.50	5.20
PST	Harvest Moon	8.33	6.50	5.18
NTR	AKB3593	4.00	4.50	5.16
NAg	NAL-17-49	1.67	6.00	5.15
NTR	AKB2769	6.67	6.67	5.13
PST	Desert Dream	8.33	5.67	5.11
PPG	Acoustic	2.00	6.50	5.11
PST	K17-188AD (Cutting Edge)	6.67	6.00	5.11
PST	K16-178	9.00	6.00	5.09
SS	NAL-19-166	8.67	6.00	5.09
PST	K19-206	7.00	6.50	5.02
NTR	AKB2795	7.67	6.17	5.02
PST	K18-199	7.67	6.33	5.02
SS	NAL-19-188 LS	6.67	5.83	5.00
PPG	A17-869	4.33	7.33	4.98
PST	K19-207	8.33	5.33	4.96
DLF	SR 2284	5.67	6.00	4.96
DLF	A17-4	7.33	6.50	4.93
PST	T15-42 (Kickstart)	7.00	6.50	4.91
PPG	A20-13	7.33	6.50	4.91
NAg	Shamrock	6.33	5.50	4.89
NTR	Deja Blue	8.33	7.33	4.89
NTR	Delta Blue	9.00	6.33	4.85
PST	T17-49 (Sunray)	8.33	5.83	4.84
PPG	A12-266	2.00	7.33	4.84
PST	K20-4	5.00	6.00	4.82
NTR	Ridgeline	9.00	5.83	4.78
PST	K13-141 (Super Moon)	7.33	5.67	4.76
PST	TX8-56	8.00	5.50	4.76
NTR	AKB2403	9.00	6.50	4.76
PPG	A20-10	4.33	7.00	4.76

SPONSOR	CULTIVAR	Crown Rust 2022	Establishment 2022	Turf Quality 2022
NTR	Tejas	5.33	6.67	4.75
NTR	AKB2733	2.67	6.17	4.73
NTR	AKB2543	9.00	6.00	4.71
NTR	Mallard	5.33	5.83	4.71
NAg	Jersey	7.67	5.83	4.71
NTR	AKB3363	7.00	5.67	4.69
NAg	NAL-17-4	5.67	6.17	4.67
NTR	AKB2313	7.67	5.00	4.67
PPG	A19-16	2.00	6.00	4.67
PPG	A19-1	8.00	6.33	4.64
NTR	AKB3216	6.33	5.50	4.64
GOR	T14-37	7.33	4.33	4.62
DLF	A15-480	6.00	7.17	4.62
DLF	A12-3	8.67	3.50	4.60
NTR	AKB3869	8.33	6.83	4.58
PPG	A18-9	7.33	6.17	4.58
DLF	A15-7	5.00	5.33	4.56
DLF	A15-8	5.67	6.67	4.56
NTR	AKB3125	8.00	6.67	4.53
PST	K19-204	8.00	5.50	4.53
SS	Isabel	3.67	5.67	4.51
SS	Wildhorse	4.00	6.33	4.51
DLF	A12-2	5.33	5.83	4.51
SS	Kelly	2.33	6.67	4.51
NTR	AKB1565	6.33	6.00	4.49
NAg	NAL-19-64	7.00	6.67	4.47
SS	SEKB-4272	8.33	5.67	4.47
PST	Tirem	8.67	5.83	4.47
SS	NAL-19-83	3.33	6.33	4.47
NTR	Geronimo	6.00	6.67	4.44
NAg	NAL-19-179	6.33	6.83	4.40
PST	K21-6	5.33	3.83	4.38
NTR	AKB3456	6.33	5.83	4.36
PST	K15-168	9.00	4.17	4.33
DLF	A12-1	7.00	5.67	4.33
PPG	A20-12	6.00	5.50	4.33
PST	K19-201	9.00	3.50	4.29
NTR	AKB3208	5.67	5.50	4.29
NAg	NAL-15-90	9.00	6.67	4.29
DLF	Fielder	3.67	6.00	4.27
DLF	SR 2150	7.67	6.33	4.26
PST	K15-163A	6.33	6.00	4.25
NAg	NAL-19-45	8.00	6.33	4.22
DLF	A10-5	7.33	3.83	4.02
NTR	En Gedi	6.67	5.67	4.02
DLF	Mercury	5.33	5.83	4.00
PST	K19-203	9.00	5.17	4.00
NAg	Kenblue	2.67	7.17	3.96
NTR	AKB3179	8.00	5.83	3.94
PST	K19-202	8.33	5.00	3.93
SS	NAL-19-190 LS	7.67	4.83	3.85
GOR	GO-KB20-1	3.67	7.33	3.65
SS	NAL-19-181	9.00	5.83	3.49
NAg	NAL-19-42	7.00	6.17	3.33
PST	K18-197	8.33	4.33	3.18
SS	NAL-19-125	5.00	6.17	3.18
PST	T15-43	8.33	2.00	2.80
SS	NAL-19-164	9.00	6.00	2.56
PST	K15-169	0.00	1.00	1.87
CV		20.05	8.43	8.76
LSD		1.83	0.67	0.56

2022 Average Crown Rust = (1 rating)
 2022 Average Establishment = (2 ratings)
 2022 Average Turf Quality = (15 ratings)

CTBT: 2021 Shade - 21CTPP11
 Kentucky Bluegrass Shade Turf Trial
 2022 Year End Data
 Location: Pure Seed Testing (Canby, OR)
 Cooperator: Crystal Fricker

SPONSOR	CULTIVAR	Percent Cover	Turf Quality
		2022	2022
PST	K15-168	96.45	7.92
PST	K19-201	96.98	7.83
PST	K17-187	95.97	7.83
PST	Harvest Moon	92.33	7.83
PST	Right	93.01	7.58
NTR	AKB3869	97.35	7.58
PST	New Moon	95.77	7.33
PST	Desert Dream	94.98	7.25
PST	T17-49 (Sunray)	90.37	7.17
NTR	Valley View	91.95	7.17
PST	K20-3	94.79	7.08
PST	K19-202	88.41	7.00
PST	K20-1	96.13	7.00
PST	K19-204	97.88	6.92
PST	K13-141 (Super Moon)	92.90	6.83
PST	K13-140	91.07	6.83
PST	K19-206	83.75	6.75
NTR	En Gedi	94.37	6.75
NTR	AKB3201	94.06	6.67
NTR	AKB2949	91.59	6.58
DLF	A14-417	95.48	6.58
PST	K19-208	94.56	6.58
PST	K19-207	86.06	6.50
PST	Tirem	89.59	6.50
PST	K17-182	87.10	6.33
NTR	AKB2543	94.84	6.33
PST	K21-6	82.77	6.33
NTR	AKB3548	95.33	6.08
PST	T17-47	86.73	6.08
PST	K17-188AD (Cutting Edge)	88.92	6.00
PST	K18-199	96.63	5.92
NTR	AKB3216	90.62	5.83
PST	TX8-56	81.81	5.75
PST	K20-4	89.29	5.67
PST	K18-197	93.93	5.67
NTR	AKB3179	90.55	5.67
NTR	AKB3363	88.75	5.67
NTR	AKB2769	89.08	5.67
PST	K16-178	75.69	5.58
NTR	Delta Blue	83.94	5.58
NAg	NAI-15-90	84.63	5.50
SS	NAI-19-181	84.16	5.42
NTR	AKB2403	85.33	5.33
NAg	Jersey	93.17	5.33
NTR	AKB3125	88.77	5.25
SS	NAI-19-90	92.42	5.25
SS	NAI-19-166	90.45	5.25
NTR	AKB2836	89.45	5.00
NTR	AKB2313	86.92	5.00
PPG	A19-1	80.42	4.92
PST	K15-163A	75.05	4.92
PPG	A18-7	79.07	4.83
SS	Skye	79.91	4.83
SS	NAI-19-190 LS	86.01	4.83
NTR	Ridgeline	92.76	4.75
DLF	A10-5	76.15	4.75
DLF	A12-3	91.08	4.75
NTR	Tejas	81.55	4.67
SS	NAI-19-164	88.24	4.67
NTR	AKB3593	91.75	4.58
DLF	Fielder	75.71	4.50

SPONSOR	CULTIVAR	Percent Cover	Turf Quality
		2022	2022
DLF	A19-4	91.32	4.50
NTR	AKB3208	90.04	4.42
PPG	Bolt	74.37	4.42
DLF	A11-49	92.68	4.42
NTR	AKB2795	77.52	4.33
NTR	AKB1658	86.21	4.33
NAg	NAI-19-92	85.64	4.25
PST	K19-203	70.03	4.25
SS	NAI-19-125	82.15	4.25
NAg	NAI-19-64	66.31	4.25
NAg	NAI-19-45	80.30	4.17
NAg	NAI-19-58	77.63	4.17
PPG	A19-16	77.64	4.17
PPG	A18-9	67.31	4.08
NTR	AKB2733	73.30	4.08
DLF	A15-480	83.54	4.08
SS	Wildhorse	70.62	4.00
NAg	NAI-19-179	76.63	4.00
PPG	A12-266	75.54	4.00
NTR	AKB3456	71.18	3.92
DLF	Mercury	84.95	3.92
NAg	NAI-19-42	78.46	3.92
GOR	T14-37	86.65	3.92
DLF	SR 2284	74.42	3.83
DLF	Martha	78.11	3.83
SS	NAI-19-188 LS	79.59	3.83
DLF	A17-4	64.62	3.75
NTR	Mallard	87.05	3.75
DLF	A05-361	83.92	3.75
NAg	Shamrock	79.71	3.75
DLF	SR 2150	82.01	3.75
NTR	Geronimo	71.43	3.67
DLF	A15-8	56.97	3.67
DLF	A12-2	80.43	3.58
PPG	A20-13	85.86	3.58
DLF	A12-1	74.21	3.50
NAg	NAI-17-49	66.16	3.50
SS	Isabel	52.87	3.33
SS	SEKB-4272	78.16	3.33
PPG	Acoustic	68.28	3.25
PST	T15-44	44.79	3.25
PPG	A17-869	65.55	3.25
NTR	AKB1565	69.81	3.17
NTR	AKB3605	64.28	3.08
SS	Kelly	53.98	3.08
PPG	A20-10	61.09	3.00
PPG	A20-12	43.63	2.92
NTR	Deja Blue	64.58	2.83
DLF	A15-7	39.10	2.83
NAg	NAI-17-4	28.17	2.50
PST	T15-42 (Kickstart)	61.21	2.50
SS	NAI-19-83	59.52	2.50
NAg	Kenblue	18.00	1.75
GOR	GO-KB20-1	26.69	1.42
	CV	9.28	13.76
	LSD	10.04	0.91

2022 Average Percent Cover = (1 rating)
 2022 Average Turf Quality = (4 ratings)

CTBT: 2021 Trial - 21CTPP28
 Kentucky Bluegrass Low Mow Turf Trial
 2022 Year End Data
 Location: Pure Seed Testing (Canby, OR)
 Cooperator: Crystal Fricker

SPONSOR	CULTIVAR	Establishment 2022	Scalping 2022	Stem Rust 2022	Turf Quality 2022
NTR	AKB2403	5.67	6.33	7.33	7.18
PST	K17-182	5.67	6.33	7.33	6.96
NAg	NAI-19-92	5.00	5.67	8.00	6.89
SS	NAI-19-90	5.33	6.33	7.33	6.85
PST	K19-202	3.33	5.33	6.67	6.81
DLF	Martha	5.00	7.67	8.00	6.78
PPG	A18-7	6.00	7.67	7.33	6.67
GOR	T14-37	5.33	7.33	6.33	6.67
PST	K19-208	5.33	6.00	6.00	6.67
PST	K20-1	6.33	6.67	6.33	6.63
PST	K19-201	4.67	7.33	6.33	6.59
DLF	A14-417	4.67	5.67	6.67	6.56
PST	Right	6.67	5.00	6.33	6.25
NTR	Delta Blue	5.33	5.00	6.67	6.52
PST	K19-206	5.67	6.67	7.33	6.52
DLF	A11-49	5.00	8.33	5.67	6.52
NTR	AKB3125	6.00	6.33	6.67	6.48
PST	K20-3	5.00	7.00	7.00	6.48
PST	T17-49 (Sunray)	4.33	5.67	6.67	6.48
PST	TX8-56	5.33	7.00	7.00	6.48
NTR	AKB2313	4.67	4.33	5.67	6.48
PST	K19-207	4.00	6.33	3.67	6.44
PST	K15-168	4.33	6.00	7.67	6.41
NTR	AKB3548	4.33	6.00	5.00	6.41
NTR	AKB3179	5.67	5.67	6.33	6.41
PST	K17-187	5.67	5.67	6.00	6.41
PST	New Moon	4.67	8.00	4.67	6.37
PST	K21-6	4.00	5.00	5.33	6.37
PST	K13-140	4.67	6.67	7.67	6.37
NTR	Mallard	5.67	8.00	7.67	6.33
NTR	AKB2543	5.33	6.00	5.67	6.33
NTR	AKB3869	6.00	7.00	6.00	6.30
PST	T17-47	6.33	5.33	6.00	6.30
NTR	AKB3593	4.67	6.00	7.00	6.30
DLF	SR 2150	7.00	6.33	4.67	6.30
PST	Desert Dream	6.00	7.67	5.67	6.26
NTR	AKB3216	6.00	6.33	6.00	6.26
NTR	AKB2949	5.33	6.00	7.67	6.22
PPG	A19-1	6.67	5.33	5.67	6.15
PST	K18-197	4.67	6.00	6.00	6.11
PST	T15-44	6.00	5.33	4.67	6.11
NAg	NAI-19-58	6.33	5.33	6.00	6.11
NAg	Jersey	6.00	4.00	5.33	6.11
PST	K17-188AD (Cutting Edge)	5.33	6.67	5.67	6.11
PST	K19-204	3.67	5.67	6.67	6.08
PST	Harvest Moon	7.00	7.00	7.00	6.08
NTR	AKB1565	6.67	5.67	6.67	6.07
PPG	Bolt	7.33	5.67	5.33	6.07
SS	Isabel	7.00	6.67	1.33	6.04
NTR	Tejas	6.00	4.33	5.67	6.04
NTR	AKB2836	4.33	6.00	6.33	6.04
NTR	AKB3363	5.00	4.33	6.00	6.03
PST	K15-163A	5.67	5.00	4.00	6.00
SS	Skye	5.33	6.67	5.33	5.96
NTR	AKB3208	4.33	5.67	5.33	5.96
NTR	Valley View	5.33	5.67	5.67	5.93
PPG	A19-16	6.67	5.33	6.33	5.93
NTR	AKB3201	3.67	8.00	7.00	5.89

SPONSOR	CULTIVAR	Establishment 2022	Scalping 2022	Stem Rust 2022	Turf Quality 2022
PST	K16-178	6.00	5.33	7.00	5.89
DLF	A15-7	4.33	5.67	7.00	5.85
PST	T15-42 (Kickstart)	7.33	4.00	5.00	5.82
PPG	Acoustic	6.00	6.00	6.67	5.81
NTR	AKB3456	5.33	6.67	6.00	5.81
PST	K20-4	6.00	4.67	3.67	5.78
NTR	Ridgeline	5.00	6.33	5.00	5.78
PST	K18-199	6.00	5.00	5.67	5.78
DLF	A10-5	4.00	5.67	6.67	5.74
SS	Wildhorse	7.00	5.00	6.00	5.71
PST	K13-141 (Super Moon)	5.00	3.67	7.33	5.71
NTR	En Gedi	4.00	7.00	5.33	5.71
NAg	NAI-19-45	6.33	5.33	5.67	5.67
NAg	NAI-17-49	5.00	6.33	6.00	5.67
DLF	A05-361	4.33	7.67	7.33	5.67
DLF	A12-3	4.33	7.67	6.67	5.63
NTR	AKB1658	4.33	6.67	6.67	5.63
PST	Tirem	5.33	6.00	8.00	5.63
DLF	SR 2284	5.67	6.67	6.00	5.69
DLF	A12-2	6.33	5.67	5.67	5.59
DLF	A15-480	6.67	5.33	4.33	5.59
NTR	AKB2769	6.00	5.00	6.00	5.56
DLF	Fielder	6.00	4.67	5.33	5.52
DLF	A19-4	6.33	6.00	6.00	5.52
SS	NAI-19-181	6.00	5.67	6.00	5.52
SS	NAI-19-190 LS	5.33	6.67	7.00	5.48
PPG	A18-9	7.33	7.00	7.67	5.48
NTR	AKB2795	4.00	4.33	7.00	5.45
DLF	A17-4	5.33	5.67	6.67	5.45
DLF	A12-1	5.33	5.33	5.67	5.41
NTR	Deja Blue	6.67	7.00	7.67	5.41
PST	K19-203	5.00	5.67	6.67	5.41
NTR	AKB3605	5.00	5.33	4.00	5.41
SS	NAI-19-188 LS	6.00	4.33	5.67	5.41
SS	NAI-19-83	6.33	6.00	5.33	5.33
SS	NAI-19-166	5.67	5.67	5.33	5.33
PPG	A20-12	5.33	6.00	7.00	5.30
SS	SEKB-4272	5.00	4.33	6.00	5.29
NTR	AKB2733	4.33	4.67	3.33	5.29
PPG	A20-13	6.33	7.33	4.00	5.26
NAg	NAI-15-90	5.67	6.33	5.67	5.22
NAg	Shamrock	5.00	4.00	4.67	5.22
PPG	A12-266	5.33	5.67	5.67	5.18
DLF	A15-8	5.67	7.00	6.00	5.15
PPG	A17-869	7.00	4.33	4.67	5.04
DLF	Mercury	5.67	6.67	7.33	5.04
SS	Kelly	7.33	4.67	4.67	4.96
NAg	NAI-19-179	7.00	4.33	4.33	4.93
SS	NAI-19-164	5.67	6.00	5.67	4.92
NTR	Geronimo	6.00	3.67	4.00	4.89
SS	NAI-19-125	5.67	5.00	5.33	4.89
PPG	A20-10	5.00	5.33	6.67	4.85
NAg	NAI-19-42	5.33	5.33	5.00	4.81
NAg	NAI-19-64	7.67	3.33	4.00	4.78
NAg	NAI-17-4	4.67	4.67	6.33	4.67
GOR	GO-KB20-1	5.67	3.67	2.33	4.29
NAg	Kenblue	5.67	2.67	4.00	3.93
CV		17.84	15.00	15.77	7.18
LSD		1.33	1.17	1.26	0.57

2022 Average Establishment = (1 rating)
 2022 Average Scalping = (1 rating)
 2022 Average Stem Rust = (1 rating)
 2022 Average Turf Quality = (9 ratings)

CTBT: 2021 Trial - 21CTPP12
 Kentucky Bluegrass Turf Trial
 2022 Year End Data
 Location: NexGen Plant Science Center LLC (Albany, OR)
 Cooperator: Kenneth Hignight

		Objective Data					
SPONSOR	CULTIVAR	Percent Cover 2022	Cover 2022	Genetic Color 2022	Density 2022	Uniformity 2022	Turf Quality 2022
SS	Isabel	90.88	6.53	5.45	4.15	6.57	5.68
DLF	A11-49	90.08	6.57	5.68	4.26	5.89	5.60
GOR	T14-37	86.29	5.64	5.87	5.30	5.49	5.58
PST	K20-3	86.51	5.65	6.27	4.05	6.33	5.57
PST	K15-168	86.85	5.58	5.62	4.84	6.16	5.55
PST	K13-141 (Super Moon)	90.92	6.80	4.72	3.67	6.93	5.53
NTR	AKB3548	83.87	5.15	6.55	4.97	5.40	5.52
PST	New Moon	81.86	5.30	5.96	5.06	5.72	5.51
PST	T15-44	92.09	6.95	4.73	3.86	6.44	5.50
PST	K17-182	88.48	6.05	5.18	4.32	6.40	5.49
NAG	NAI-19-92	91.28	6.76	4.57	3.54	7.08	5.49
NTR	Mallard	88.16	6.01	5.84	4.08	5.97	5.47
DLF	A05-361	91.05	6.75	5.39	3.27	6.48	5.47
DLF	SR 2284	90.56	6.44	5.15	3.42	6.79	5.45
NTR	AKB3605	86.47	5.30	6.86	4.43	5.20	5.44
NTR	AKB3869	78.90	4.84	6.02	5.60	5.25	5.43
NTR	Ridgeline	88.57	6.05	5.73	4.02	5.82	5.41
PPG	A20-13	88.89	6.26	4.84	4.10	6.43	5.40
DLF	Martha	89.77	6.53	4.83	2.92	7.18	5.37
NTR	AKB3216	84.07	5.35	5.11	4.59	6.42	5.36
NTR	AKB2795	87.68	5.85	4.88	3.98	6.68	5.35
PPG	A18-7	86.88	5.85	5.53	3.81	6.17	5.34
PST	Tirem	85.78	5.69	5.17	4.12	6.38	5.34
NTR	AKB1565	89.50	6.27	4.93	3.59	6.54	5.33
PST	K16-178	86.30	5.38	5.24	4.61	6.07	5.32
NTR	AKB2543	83.60	5.22	5.35	4.46	6.23	5.32
NAG	Jersey	86.89	5.63	4.32	4.50	6.73	5.30
NTR	Delta Blue	83.52	4.85	5.62	4.28	6.38	5.28
NAG	NAI-17-49	83.39	5.05	5.61	4.39	6.06	5.28
NTR	Tejas	88.56	5.94	4.21	3.89	7.08	5.28
PPG	A19-16	91.06	6.81	4.38	3.06	6.81	5.27
NTR	AKB3125	85.26	5.55	4.57	4.61	6.33	5.26
PPG	A20-12	88.34	5.92	4.62	3.81	6.59	5.24
DLF	A14-417	86.88	5.86	4.88	3.63	6.52	5.22
NTR	AKB3208	85.06	5.27	5.50	4.47	5.65	5.22
DLF	A10-5	85.54	5.25	4.59	4.33	6.63	5.20
NTR	Valley View	84.53	5.33	5.19	4.59	5.69	5.20
SS	Skye	83.06	5.03	4.55	4.07	7.13	5.20
PST	K20-4	85.30	5.24	5.73	3.91	5.91	5.20
PST	K15-169	82.77	4.66	6.12	5.00	4.95	5.18
PPG	Bolt	88.87	6.19	3.77	3.08	7.69	5.18
PST	K19-203	85.49	5.49	4.65	3.78	6.79	5.18
PST	T17-47	91.19	6.76	4.73	3.47	5.75	5.18
PST	K19-201	84.09	5.62	4.73	4.33	6.01	5.17
PST	K19-208	85.80	5.57	5.02	3.70	6.37	5.17
SS	NAI-19-166	86.10	5.49	4.33	4.24	6.61	5.17
NTR	AKB2403	82.99	4.76	4.93	4.18	6.78	5.16
PST	K15-163A	86.32	5.56	4.74	4.12	6.22	5.16
DLF	A12-1	84.84	5.40	4.56	3.83	6.81	5.15
DLF	A15-7	83.21	4.69	5.21	4.79	5.91	5.15
PST	T17-49 (Sunray)	77.36	4.60	5.42	4.96	5.57	5.14
NTR	Deja Blue	90.49	6.56	4.17	2.99	6.84	5.14
NAG	Shamrock	87.55	5.65	4.79	4.20	5.92	5.13
SS	NAI-19-90	89.77	6.37	4.50	3.43	6.21	5.13
DLF	A12-3	86.39	5.37	5.51	3.79	5.81	5.12
PST	K18-199	87.86	5.73	4.21	3.76	6.76	5.11
PST	Desert Dream	85.36	5.32	4.89	4.15	6.09	5.11
SS	Wildhorse	87.66	5.75	4.45	4.10	6.13	5.10
PST	T15-42 (Kickstart)	89.58	6.34	4.08	3.56	6.44	5.10
PST	K19-202	75.10	4.30	5.15	4.85	6.09	5.10
PPG	A19-1	88.52	6.15	4.20	3.58	6.42	5.09
PST	K17-188AD (Cutting Edge)	85.20	5.32	4.68	4.09	6.27	5.09
NAG	NAI-17-4	87.66	5.72	4.00	3.59	6.97	5.07
PPG	Acoustic	81.06	5.09	4.83	4.53	5.79	5.06
PST	K19-204	83.30	4.86	5.47	4.77	5.14	5.06
NAG	NAI-19-58	83.95	4.98	4.55	4.10	6.51	5.04
DLF	Mercury	85.53	5.44	4.59	3.81	6.31	5.03
DLF	A19-4	79.28	4.65	4.98	4.57	5.93	5.03
NTR	AKB3456	85.92	4.98	4.79	3.92	6.43	5.03
NTR	AKB1658	83.68	5.35	4.90	4.10	5.76	5.03
NTR	AKB3201	86.65	5.72	4.96	3.87	5.54	5.02
PST	K18-197	77.89	4.26	5.28	5.17	5.38	5.02

SPONSOR	CULTIVAR	Percent Cover	Cover	Genetic Color	Density	Uniformity	Turf Quality
		2022	2022	2022	2022	2022	2022
DLF	Fielder	85.17	5.07	4.67	4.44	5.91	5.02
NAG	NAI-19-42	84.27	5.18	5.21	3.92	5.77	5.02
NAG	NAI-19-45	82.85	5.09	4.62	4.08	6.19	5.00
SS	NAI-19-188 LS	87.44	5.76	4.16	3.38	6.68	5.00
NAG	NAI-15-90	84.11	5.05	4.15	3.82	6.96	4.99
PST	K20-1	83.16	4.92	4.31	4.23	6.50	4.99
DLF	A12-2	85.42	5.19	4.82	4.09	5.87	4.99
NTR	AKB2836	85.75	5.34	4.43	3.02	7.15	4.99
PST	Harvest Moon	84.54	5.17	4.28	4.33	6.17	4.99
PST	T15-43	83.88	4.98	5.27	4.03	5.63	4.98
SS	NAI-19-181	81.80	4.48	5.47	4.73	5.22	4.97
NTR	AKB2949	84.02	5.13	5.08	3.95	5.70	4.96
PST	Right	84.61	5.20	4.81	3.80	5.96	4.94
DLF	SR 2150	85.65	5.42	4.44	4.00	5.88	4.94
SS	NAI-19-83	83.68	5.21	4.29	3.51	6.70	4.93
NTR	AKB3593	87.71	5.77	4.34	3.52	5.97	4.90
NTR	AKB3363	78.48	4.53	4.49	4.20	6.37	4.90
SS	NAI-19-190 LS	85.83	5.34	4.37	3.77	6.12	4.90
PPG	A18-9	73.68	4.89	4.37	3.92	6.39	4.90
SS	NAI-19-164	76.29	4.50	5.45	4.56	5.01	4.88
NTR	AKB2733	80.15	4.10	4.82	4.47	6.06	4.86
DLF	A17-4	83.89	4.98	3.99	3.91	6.48	4.84
NTR	AKB3179	76.83	4.05	4.68	4.43	6.15	4.83
SS	NAI-19-125	80.63	4.47	3.83	4.05	6.94	4.83
PST	TX8-56	80.04	4.31	4.33	4.10	6.53	4.82
PPG	A20-10	84.19	4.84	3.87	4.29	6.20	4.80
DLF	A15-8	84.77	5.01	3.54	4.23	6.42	4.80
NTR	Geronimo	79.15	4.37	4.28	4.01	6.52	4.79
PPG	A12-266	75.73	4.34	3.75	3.98	6.83	4.73
NAG	NAI-19-64	79.07	4.31	4.11	3.77	6.66	4.71
NTR	En Gedi	79.26	4.34	4.86	4.11	5.50	4.70
PST	K17-187	78.02	4.59	4.33	3.66	6.22	4.70
SS	Kelly	77.09	4.42	4.13	4.11	6.12	4.70
PST	K13-140	85.14	5.32	4.14	3.20	6.11	4.69
PST	K19-207	78.98	4.10	4.62	4.40	5.60	4.68
PST	K21-6	84.13	4.92	4.09	4.06	5.61	4.67
NAG	NAI-19-179	78.36	4.26	4.03	3.84	6.51	4.66
NTR	AKB2769	83.36	4.86	4.29	3.42	6.03	4.65
DLF	A15-480	83.62	5.19	3.60	3.66	6.14	4.65
NTR	AKB2313	78.54	3.56	4.15	4.37	6.28	4.59
PST	K19-206	81.22	4.04	3.52	3.84	6.96	4.58
SS	SEKB-4272	81.42	4.49	4.15	3.55	5.80	4.50
PPG	A17-869	81.00	4.88	3.35	3.93	5.82	4.49
GOR	GO-KB20-1	76.92	3.12	3.93	4.13	6.11	4.32
NAG	Kenblue	77.06	3.15	3.04	3.43	6.30	3.98
CV		2.39	8.02	6.70	5.09	10.50	4.74
LSD		2.72	0.57	0.43	0.28	0.88	0.32

2022 Average Percent Cover = (5 ratings)
2022 Average Cover = 1-9; 9=Most Cover (6 ratings)
2022 Average Genetic Color = 1-9; 9=Darkest (6 ratings)
2022 Average Density = 1-9; 9=Most Dense (6 ratings)
2022 Average Turf Quality = 1-9; 9=Best (6 ratings)
2022 Average Uniformity Quality = 1-9; 9=Best (6 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.

Selection	ET75		ET50		ET25	
Mallard	4.963 to 5.531	5.2	6.474 to 6.857	6.7	7.761 to 8.408	8.1
AKB3548	2.996 to 3.638	3.3	5.307 to 5.753	5.5	7.380 to 8.106	7.7
K15-168	3.632 to 4.687	4.2	5.328 to 6.047	5.7	6.697 to 7.737	7.2
A20-12	4.453 to 5.201	4.8	5.713 to 6.220	6.0	6.763 to 7.451	7.1
K17-188AD (Cutting Edge)	3.307 to 4.662	4.0	5.070 to 5.998	5.5	6.419 to 7.748	7.1
AKB3605	2.435 to 3.680	3.1	4.598 to 5.460	5.0	6.362 to 7.638	7.0
A12-3	3.366 to 4.449	3.9	5.048 to 5.794	5.4	6.410 to 7.460	6.9
K17-182	3.875 to 4.650	4.3	5.322 to 5.854	5.6	6.548 to 7.280	6.9
K19-203	4.287 to 4.892	4.6	5.528 to 5.944	5.7	6.604 to 7.162	6.9
T15-43	4.352 to 5.004	4.7	5.548 to 5.997	5.8	6.568 to 7.167	6.9
K15-169	3.240 to 4.107	3.7	4.971 to 5.570	5.3	6.444 to 7.290	6.9
TX8-56	2.565 to 3.807	3.2	4.573 to 5.435	5.0	6.201 to 7.442	6.8
Tirem	4.097 to 5.013	4.6	5.348 to 5.982	5.7	6.353 to 7.197	6.8
Mercury	4.069 to 4.893	4.5	5.320 to 5.891	5.6	6.350 to 7.111	6.7
A18-7	4.427 to 5.000	4.7	5.511 to 5.911	5.7	6.445 to 6.972	6.7
Ridgeline	4.135 to 4.775	4.5	5.359 to 5.803	5.6	6.412 to 7.004	6.7
K13-141 (Super Moon)	4.699 to 5.127	4.9	5.659 to 5.961	5.8	6.509 to 6.904	6.7
New Moon	4.048 to 4.714	4.4	5.309 to 5.771	5.5	6.390 to 7.008	6.7
Deja Blue	3.765 to 4.813	4.3	5.131 to 5.857	5.5	6.210 to 7.186	6.7
Desert Dream	3.550 to 4.424	4.0	5.035 to 5.641	5.3	6.276 to 7.102	6.7
SR 2284	3.240 to 4.331	3.8	4.811 to 5.571	5.2	6.078 to 7.116	6.6
A20-13	4.248 to 4.754	4.5	5.353 to 5.707	5.5	6.326 to 6.794	6.6
Harvest Moon	3.435 to 4.640	4.0	4.873 to 5.713	5.3	5.983 to 7.114	6.5
NAI-19-90	3.998 to 4.797	4.4	5.174 to 5.734	5.5	6.140 to 6.882	6.5
Martha	4.410 to 5.310	4.9	5.358 to 6.001	5.7	6.070 to 6.929	6.5
A15-7	1.890 to 3.217	2.6	4.059 to 4.982	4.5	5.824 to 7.151	6.5
A12-1	3.492 to 4.511	4.0	4.879 to 5.593	5.2	5.992 to 6.950	6.5
AKB1565	3.733 to 4.433	4.1	5.026 to 5.517	5.3	6.132 to 6.788	6.5
A12-2	2.862 to 4.035	3.4	4.519 to 5.341	4.9	5.848 to 6.974	6.4
A11-49	3.576 to 4.171	3.9	4.918 to 5.336	5.1	6.101 to 6.662	6.4
T17-47	3.956 to 4.412	4.2	5.113 to 5.434	5.3	6.149 to 6.576	6.4
AKB3125	4.126 to 4.810	4.5	5.171 to 5.652	5.4	6.035 to 6.675	6.4
Isabel	3.393 to 4.143	3.8	4.797 to 5.324	5.1	5.998 to 6.708	6.4
NAI-17-49	2.977 to 3.904	3.4	4.557 to 5.209	4.9	5.882 to 6.770	6.3
SR 2150	3.182 to 4.113	3.6	4.643 to 5.298	5.0	5.852 to 6.736	6.3
A05-361	4.162 to 4.675	4.4	5.171 to 5.532	5.4	6.045 to 6.526	6.3
NAI-19-92	4.049 to 4.495	4.3	5.116 to 5.431	5.3	6.065 to 6.483	6.3
NAI-19-164	3.682 to 4.359	4.0	4.891 to 5.369	5.1	5.921 to 6.559	6.2
K18-197	2.601 to 3.617	3.1	4.316 to 5.032	4.7	5.747 to 6.731	6.2
Delta Blue	2.160 to 3.075	2.6	4.106 to 4.749	4.4	5.787 to 6.689	6.2
NAI-19-188 LS	3.394 to 4.244	3.8	4.728 to 5.328	5.0	5.834 to 6.638	6.2
AKB3201	3.618 to 4.613	4.1	4.806 to 5.511	5.2	5.733 to 6.670	6.2
NAI-17-4	4.144 to 4.801	4.5	5.102 to 5.562	5.3	5.883 to 6.500	6.2
K19-207	1.830 to 3.054	2.4	3.878 to 4.736	4.3	5.567 to 6.776	6.2
Shamrock	3.083 to 3.848	3.5	4.546 to 5.087	4.8	5.802 to 6.534	6.2
Fielder	2.584 to 3.738	3.2	4.256 to 5.072	4.7	5.611 to 6.725	6.2
NAI-19-181	2.435 to 3.730	3.1	4.168 to 5.082	4.6	5.542 to 6.795	6.2
En Gedi	2.793 to 3.658	3.2	4.389 to 5.001	4.7	5.748 to 6.582	6.2

Selection	ET75		ET50		ET25	
NAI-19-190 LS	2.924 to 3.785	3.4	4.454 to 5.063	4.8	5.751 to 6.576	6.2
AKB3208	3.304 to 4.026	3.7	4.656 to 5.167	4.9	5.815 to 6.501	6.2
A18-9	3.804 to 4.516	4.2	4.897 to 5.401	5.1	5.802 to 6.474	6.1
AKB2949	3.027 to 3.593	3.3	4.502 to 4.904	4.7	5.824 to 6.368	6.1
A17-4	2.766 to 3.787	3.3	4.306 to 5.031	4.7	5.571 to 6.553	6.1
Kelly	2.888 to 3.889	3.4	4.366 to 5.076	4.7	5.575 to 6.534	6.1
K16-178	2.891 to 3.750	3.3	4.376 to 4.986	4.7	5.630 to 6.455	6.0
K19-201	3.387 to 4.136	3.8	4.628 to 5.161	4.9	5.671 to 6.385	6.0
A10-5	2.119 to 3.209	2.7	3.946 to 4.718	4.3	5.467 to 6.534	6.0
AKB2543	3.590 to 4.251	3.9	4.715 to 5.187	5.0	5.667 to 6.297	6.0
K13-140	3.481 to 4.148	3.8	4.659 to 5.135	4.9	5.662 to 6.299	6.0
K18-199	3.074 to 3.998	3.5	4.428 to 5.085	4.8	5.536 to 6.421	6.0
K20-3	3.482 to 4.064	3.8	4.651 to 5.067	4.9	5.667 to 6.224	5.9
T15-44	3.685 to 4.182	3.9	4.760 to 5.114	4.9	5.704 to 6.178	5.9
NAI-19-64	3.287 to 4.128	3.7	4.524 to 5.124	4.8	5.539 to 6.343	5.9
A19-16	3.492 to 4.220	3.9	4.637 to 5.157	4.9	5.590 to 6.286	5.9
K15-163A	2.978 to 3.840	3.4	4.342 to 4.957	4.6	5.475 to 6.304	5.9
AKB2795	2.594 to 3.940	3.3	4.092 to 5.051	4.6	5.229 to 6.525	5.9
K19-204	3.182 to 3.826	3.5	4.459 to 4.919	4.7	5.565 to 6.184	5.9
K20-4	2.985 to 3.677	3.3	4.344 to 4.838	4.6	5.519 to 6.185	5.9
AKB3593	3.039 to 3.838	3.4	4.353 to 4.923	4.6	5.454 to 6.223	5.8
AKB3363	3.045 to 3.942	3.5	4.341 to 4.982	4.7	5.398 to 6.262	5.8
K19-208	3.421 to 4.324	3.9	4.525 to 5.172	4.8	5.391 to 6.258	5.8
NAI-19-45	3.052 to 3.840	3.4	4.353 to 4.916	4.6	5.445 to 6.204	5.8
NAI-19-42	3.400 to 4.099	3.7	4.535 to 5.036	4.8	5.487 to 6.159	5.8
Wildhorse	3.104 to 3.784	3.4	4.389 to 4.875	4.6	5.494 to 6.149	5.8
AKB1658	3.271 to 3.991	3.6	4.467 to 4.982	4.7	5.471 to 6.164	5.8
Geronimo	3.011 to 3.845	3.4	4.311 to 4.909	4.6	5.390 to 6.196	5.8
NAI-15-90	2.963 to 3.713	3.3	4.294 to 4.830	4.6	5.425 to 6.150	5.8
Acoustic	2.834 to 3.491	3.2	4.239 to 4.708	4.5	5.468 to 6.103	5.8
T14-37	2.997 to 3.829	3.4	4.292 to 4.887	4.6	5.365 to 6.168	5.8
AKB3869	3.162 to 3.906	3.5	4.372 to 4.905	4.6	5.384 to 6.103	5.7
K20-1	2.139 to 3.386	2.8	3.804 to 4.695	4.2	5.129 to 6.343	5.7
NAI-19-179	2.890 to 3.666	3.3	4.215 to 4.771	4.5	5.333 to 6.084	5.7
A20-10	2.495 to 3.436	3.0	3.993 to 4.667	4.3	5.239 to 6.153	5.7
A15-480	2.245 to 3.583	2.9	3.823 to 4.780	4.3	5.039 to 6.338	5.7
T17-49 (Sunray)	3.116 to 3.777	3.4	4.323 to 4.798	4.6	5.354 to 5.995	5.7
NAI-19-83	3.207 to 3.801	3.5	4.370 to 4.797	4.6	5.376 to 5.953	5.7
K19-202	1.933 to 2.843	2.4	3.692 to 4.341	4.0	5.199 to 6.092	5.6
Skye	2.529 to 3.430	3.0	3.985 to 4.630	4.3	5.199 to 6.074	5.6
NAI-19-166	3.048 to 3.706	3.4	4.261 to 4.734	4.5	5.299 to 5.939	5.6
T15-42 (Kickstart)	3.105 to 3.804	3.5	4.283 to 4.785	4.5	5.274 to 5.954	5.6
AKB2403	1.597 to 2.461	2.0	3.504 to 4.116	3.8	5.166 to 6.017	5.6
A15-8	2.342 to 3.216	2.8	3.858 to 4.485	4.2	5.140 to 5.992	5.6
A19-4	2.421 to 3.206	2.8	3.905 to 4.468	4.2	5.178 to 5.943	5.6
AKB3456	1.305 to 2.710	2.0	3.263 to 4.261	3.8	4.825 to 6.210	5.5
Jersey	2.825 to 3.488	3.2	4.096 to 4.572	4.3	5.189 to 5.835	5.5
Valley View	3.227 to 3.847	3.5	4.290 to 4.738	4.5	5.187 to 5.797	5.5
A14-417	2.797 to 3.480	3.1	4.062 to 4.552	4.3	5.143 to 5.809	5.5
Kenblue	0.8948 to 2.326	1.6	3.018 to 4.019	3.5	4.725 to 6.130	5.4
AKB3216	3.330 to 3.674	3.5	4.315 to 4.565	4.4	5.206 to 5.549	5.4
Bolt	2.572 to 3.762	3.2	3.831 to 4.686	4.3	4.766 to 5.934	5.4
SEKB-4272	2.787 to 3.558	3.2	3.979 to 4.534	4.3	4.964 to 5.722	5.3

Selection	ET75		ET50		ET25	
A17-869	2.447 to 2.986	2.7	3.833 to 4.220	4.0	5.073 to 5.601	5.3
Tejas	2.507 to 3.247	2.9	3.829 to 4.362	4.1	4.953 to 5.678	5.3
AKB2836	2.572 to 3.270	2.9	3.865 to 4.367	4.1	4.970 to 5.654	5.3
A12-266	2.402 to 2.983	2.7	3.778 to 4.196	4.0	4.997 to 5.567	5.3
GO-KB20-1	0.7433 to 2.208	1.5	2.868 to 3.890	3.4	4.564 to 6.001	5.3
AKB3179	2.083 to 3.042	2.6	3.573 to 4.265	3.9	4.805 to 5.748	5.3
A19-1	2.766 to 3.412	3.1	3.944 to 4.408	4.2	4.946 to 5.581	5.3
Right	2.923 to 3.474	3.2	4.018 to 4.414	4.2	4.961 to 5.506	5.2
NAI-19-125	1.915 to 3.063	2.5	3.439 to 4.267	3.9	4.652 to 5.782	5.2
K21-6	2.258 to 3.003	2.6	3.608 to 4.145	3.9	4.755 to 5.488	5.1
K19-206	1.789 to 2.682	2.2	3.339 to 3.986	3.7	4.647 to 5.532	5.1
AKB2769	2.553 to 3.144	2.8	3.745 to 4.169	4.0	4.774 to 5.356	5.1
AKB2733	2.032 to 2.843	2.4	3.434 to 4.020	3.7	4.614 to 5.417	5.0
AKB2313	0.8067 to 2.175	1.5	2.767 to 3.736	3.3	4.335 to 5.689	5.0
NAI-19-58	1.822 to 2.727	2.3	3.271 to 3.927	3.6	4.475 to 5.373	4.9
K17-187	1.563 to 2.275	1.9	3.099 to 3.617	3.4	4.441 to 5.153	4.8

CTBT: 2021 Trial - 21CTPP6
 Kentucky Bluegrass Turf Trial
 2022 Year End Data
 Location: University of Tennessee (Knoxville, TN)
 Cooperator: Dr. John Soroachan

SPONSOR	CULTIVAR	Percent Green Cover 2022	DGCI 2022	Turf Quality 2022
PST	K19-208	93.51	0.29	7.91
PST	K17-187	90.87	0.28	7.70
DLF	Martha	94.13	0.32	7.57
PST	K17-182	93.13	0.30	7.53
NTR	AKB3605	90.15	0.27	7.49
SS	NAI-19-83	91.50	0.30	7.41
PST	Right	91.37	0.30	7.36
PST	T15-44	94.01	0.30	7.34
PST	Tirem	93.17	0.32	7.27
DLF	A17-4	90.58	0.31	7.21
NTR	AKB3548	89.95	0.30	7.20
PST	K15-163A	89.19	0.30	7.20
DLF	A19-4	90.10	0.31	7.16
PPG	A18-7	89.84	0.31	7.15
DLF	Mercury	93.15	0.32	7.14
SS	NAI-19-90	92.66	0.31	7.13
PPG	Acoustic	89.83	0.31	7.12
PST	K19-206	88.06	0.30	7.12
NTR	Delta Blue	89.02	0.31	7.12
PST	Harvest Moon	91.70	0.31	7.12
PST	New Moon	89.49	0.31	7.11
NTR	AKB3869	84.84	0.26	7.11
PPG	A19-16	93.70	0.32	7.10
NTR	AKB3363	89.58	0.31	7.04
PST	K19-201	88.08	0.29	7.03
SS	NAI-19-181	88.87	0.30	7.00
NAg	NAI-19-58	88.38	0.30	6.99
NTR	AKB2836	91.17	0.32	6.92
PPG	A18-9	87.51	0.31	6.91
NTR	AKB3593	90.49	0.31	6.90
NAg	NAI-17-49	91.07	0.32	6.89
DLF	A12-2	89.92	0.32	6.88
DLF	SR 2284	91.81	0.33	6.87
NTR	Valley View	90.58	0.32	6.86
NAg	NAL-19-45	91.56	0.32	6.86
NAg	NAI-19-92	91.85	0.32	6.84
SS	SEKB-4272	88.91	0.31	6.84
NTR	AKB1565	87.95	0.31	6.82
DLF	A15-8	91.60	0.32	6.82
PST	T17-47	90.81	0.32	6.82
SS	Isabel	91.72	0.33	6.79
PPG	A20-12	89.86	0.32	6.79
PST	K17-188AD (Cutting Edge)	92.83	0.33	6.78
PST	K21-6	87.73	0.31	6.78
SS	NAL-19-188 LS	92.03	0.33	6.77
DLF	Fielder	88.45	0.32	6.76
DLF	A05-361	90.61	0.32	6.74
NTR	AKB2733	86.27	0.32	6.74
DLF	SR 2150	91.51	0.34	6.73
PPG	Bolt	92.43	0.35	6.71
PST	K13-141 (Super Moon)	90.12	0.33	6.70
NAg	Jersey	90.46	0.32	6.68
PST	K19-204	86.50	0.31	6.68
GOR	T14-37	84.50	0.31	6.68
NTR	Deja Blue	93.16	0.35	6.66
PST	T15-42 (Kickstart)	92.09	0.31	6.66
PST	K20-1	91.81	0.34	6.65
DLF	A12-1	88.57	0.33	6.63
NTR	AKB3125	89.45	0.32	6.62
NTR	AKB3208	89.07	0.32	6.62
NTR	AKB3201	89.81	0.33	6.62

SPONSOR	CULTIVAR	Percent Green Cover 2022	DGCI 2022	Turf Quality 2022
DLF	A12-3	87.77	0.33	6.61
NTR	AKB1658	87.61	0.32	6.59
NTR	AKB2769	88.24	0.33	6.59
PPG	A12-266	89.03	0.34	6.59
NTR	AKB2313	84.14	0.30	6.57
PST	K13-140	89.06	0.32	6.57
SS	NAI-19-166	89.43	0.33	6.56
NAg	NAI-15-90	89.94	0.33	6.55
NAg	NAI-17-4	88.04	0.33	6.54
NAg	Shamrock	90.08	0.33	6.54
DLF	A11-49	88.40	0.34	6.53
PPG	A20-10	88.47	0.33	6.46
NTR	Geronimo	89.75	0.33	6.45
PPG	A17-869	89.98	0.33	6.45
NAg	Konblue	88.71	0.33	6.44
NTR	AKB2949	88.57	0.33	6.44
SS	NAI-19-125	89.06	0.34	6.42
PST	K19-207	78.14	0.29	6.41
PST	Desert Dream	89.76	0.34	6.41
NTR	En Gedi	87.84	0.31	6.40
NAg	NAI-19-179	89.03	0.33	6.39
DLF	A14-417	90.38	0.35	6.39
SS	NAI-19-190 LS	88.38	0.34	6.38
PST	K20-4	85.49	0.33	6.37
SS	Skye	86.12	0.32	6.35
SS	Wildhorse	87.04	0.33	6.35
DLF	A15-7	82.66	0.31	6.34
DLF	A15-480	88.27	0.33	6.34
PST	K19-202	79.17	0.30	6.34
PST	K19-203	86.86	0.34	6.32
PPG	A20-13	86.08	0.32	6.31
SS	Kelly	88.64	0.34	6.31
NTR	Tejas	90.18	0.33	6.31
NAg	NAI-19-64	90.07	0.34	6.31
PST	K18-199	85.47	0.32	6.30
DLF	A10-5	86.44	0.34	6.29
NTR	Mallard	86.63	0.34	6.25
PST	K18-197	86.04	0.31	6.23
PPG	A19-1	86.45	0.34	6.16
PST	K16-178	80.74	0.32	6.14
NTR	Ridgeline	86.35	0.35	6.09
PST	T17-49 (Sunray)	74.07	0.30	6.07
NTR	AKB2403	80.33	0.31	6.07
PST	TX8-56	79.95	0.31	6.06
PST	K15-168	79.09	0.32	6.00
NTR	AKB2795	85.63	0.35	6.00
PST	K20-3	84.60	0.33	5.93
NTR	AKB3179	83.47	0.33	5.90
NTR	AKB3456	84.69	0.36	5.87
NTR	AKB3216	88.11	0.36	5.84
GOR	GO-KB20-1	81.15	0.34	5.76
NAg	NAI-19-42	76.13	0.34	5.61
SS	NAI-19-164	76.65	0.34	5.61
NTR	AKB2543	76.93	0.33	5.50
PST	T15-43	82.07	0.39	5.22
PST	K15-169	72.64	0.36	4.91
CV		5.02	3.98	7.86
LSD		5.96	0.02	0.70

2022 Average Percent Green Cover = (12 ratings)
 2022 Average DGCI = (12 ratings)
 2022 Average Turf Quality = (12 ratings)

2022 Tall Fescue Site Management

Fertility (lbs / 1,000 ft ²)											
Site	N	P	K	Soil Type	pH	Mow Height Inches	Irrigation	Fungicides	Herbicides	Trial Type	Other
New Jersey Freehold	3.75	0.0	0.0	Sandy Loam	6.1	1.5	Prevent Severe Stress	None	None	Full Sun	

2021 Kentucky Bluegrass Site Management

Fertility (lbs / 1,000 ft ²)											
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	2.0	0.0	0.0	Wakegan Silt Loam	7.3	2.5	None	None	None	Full Sun	
New Jersey Freehold	3.75	0.0	0.0	Sandy Loam	6.1	1.5	Prevent Severe Stress	None	None	Full Sun	
North Carolina Rolesville	5.0	0.0	0.0	Durham Loamy Sand	6.0	2.0	Prevent Stress	Preventative in spring/early summer	Pre-emergent	Full Sun	
Oregon Canby	5.5	0.0	0.0	Woodburn Silty Clay Loam	5.6	2.0	Prevent Stress	Quilt	Dimension, Speed Zone	Low Mow	
Oregon Albany	4.5	1.0	2.3	Silt Loam	5.0	1.5	None	Satori	2, 4-D	Drought	
Tennessee Knoxville	0.5	0.0	0.0	Sequatchie Silt Loam Soil	6.2	2	Prevent Stress	None	Quinclorac (Drive)	Normal	