



Cooperative Turfgrass Breeders Test



2018 Report

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CTBT: 2015 Trial - 15CTFA7

Tall Fescue Turf Trial

Location: Fayetteville, AR

Cooperator: Dr. Mike Richardson

2018 Data

SPONSOR	CULTIVAR	Subjective Data			Objective Data				Subjective Data		
		Genetic Color 2018	Texture 2018	Turf Quality 2018	Average Percent Cover 2018	Average DGCI 2018	Average Percent Cover 2016 - 2018	Average DGCI 2017 - 2018	Average Genetic Color 2016 - 2018	Average Texture 2016 - 2018	Average Turf Quality 2016 - 2018
PPG	PPG-TF 229	7.00	7.50	7.50	79.55	0.94	78.96	0.90	7.33	7.50	7.38
PPG	PPG-TF 230	7.00	7.00	7.50	80.21	0.92	82.12	0.88	7.50	7.34	7.38
PPG	PPG-TF 231	7.00	7.50	7.50	76.97	0.92	79.28	0.90	7.67	7.34	7.38
NexGen	ATF1587	7.50	7.50	7.50	77.56	0.98	79.00	0.92	7.17	7.00	7.25
DLFPS	DLFPS-TF/3538	7.50	7.00	7.00	81.26	0.96	82.96	0.89	7.50	7.33	7.25
DLFPS	DLFPS-TF/3542	8.00	7.00	7.00	77.25	0.93	80.22	0.89	7.67	7.00	7.25
DLFPS	DLFPS-TF/3552	7.50	7.00	7.00	81.13	0.95	82.51	0.88	7.67	7.00	7.25
Rutgers	3B2	7.50	7.50	7.50	82.55	0.95	83.33	0.91	7.67	7.50	7.25
PST	PST-5SQB	6.50	7.00	7.00	79.79	0.89	83.35	0.85	7.00	7.17	7.13
DLFPS	DLFPS-TF/3541	7.50	7.50	7.50	77.66	0.95	74.42	0.91	7.67	7.17	7.13
Rutgers	3N1	6.50	7.50	7.50	84.35	0.94	84.82	0.91	7.17	7.17	7.13
NexGen	ATF1467	7.00	6.50	6.50	77.20	0.98	78.72	0.91	7.50	6.84	7.00
NexGen	ATF1552	7.00	7.00	7.00	79.39	0.94	78.86	0.86	7.17	7.33	7.00
NexGen	ATF1836	7.50	6.50	6.50	80.04	0.97	81.55	0.92	7.50	6.84	7.00
NexGen	ATF1831	7.50	6.50	7.00	77.26	0.95	77.11	0.86	7.17	6.84	7.00
PST	PST-5DR	7.00	7.00	7.00	81.78	0.91	84.75	0.87	7.33	6.84	7.00
PST	PST-5MINI	7.00	7.00	7.00	81.55	0.91	82.58	0.85	7.00	7.00	7.00
PST	PST-SYN-5YORK-15	7.00	7.00	7.00	83.04	0.91	84.88	0.86	7.33	7.00	7.00
PPG	PPG-TF 178	7.50	7.00	7.00	77.85	0.97	75.80	0.93	7.50	7.00	7.00
PPG	PPG-TF 234	8.00	7.50	7.50	80.14	0.94	77.19	0.89	7.83	7.17	7.00
DLFPS	DLFPS-TF/3551	7.00	7.00	7.00	79.48	0.95	77.21	0.91	7.50	6.84	7.00
DLFPS	Firewall	7.50	7.00	7.00	78.50	0.93	79.75	0.87	7.67	7.17	7.00
NexGen	ATF1601	7.00	6.00	6.50	78.15	0.96	78.16	0.90	7.34	6.67	6.88
PST	Lifeguard	7.50	7.50	6.00	77.05	0.94	80.44	0.86	7.34	7.34	6.88
PST	PST-5BRK	7.50	7.00	7.00	78.17	0.96	80.64	0.84	7.34	7.00	6.88
PST	PST-5DZP	6.50	6.50	6.50	73.20	0.91	72.51	0.85	7.34	6.84	6.88
PST	PST-SYN-5WAB-15	7.50	7.00	7.50	81.17	0.93	79.07	0.82	7.17	6.84	6.88
PST	Gazelle II	7.00	7.00	6.50	80.23	0.96	79.77	0.91	7.00	7.00	6.88
DLFPS	DLFPS-TF/3539	7.50	7.50	7.00	82.80	0.94	82.71	0.90	7.34	7.17	6.88
NexGen	Six Point	7.00	7.00	7.00	77.95	0.94	76.47	0.86	7.17	7.00	6.75
PST	PST-5DAW-15	7.50	7.00	7.00	80.84	0.94	78.99	0.89	7.33	7.00	6.75
PST	PST-5MIN4	7.50	6.50	6.50	85.52	0.93	85.97	0.88	7.50	7.00	6.75
PPG	PPG-TF 177	7.00	7.00	7.00	78.29	0.96	77.81	0.89	7.17	7.00	6.75
PPG	PPG-TF 232	7.00	7.00	7.00	77.60	0.98	73.27	0.88	7.33	6.84	6.75
DLFPS	DLFPS-TF/3540	7.50	7.50	7.50	78.39	0.97	80.17	0.94	7.50	7.00	6.75
DLFPS	DLFPS-TF/3547	7.50	7.00	7.00	77.35	0.95	77.70	0.92	7.33	7.00	6.75
DLFPS	Bullseye	7.50	7.00	7.50	78.63	0.97	73.33	0.92	7.17	6.67	6.75

SPONSOR	CULTIVAR	Subjective Data			Objective Data				Subjective Data		
		Genetic Color 2018	Texture 2018	Turf Quality 2018	Average Percent Cover 2018	Average DGCI 2018	Average Percent Cover 2016 - 2018	Average DGCI 2017 - 2018	Average Genetic Color 2016 - 2018	Average Texture 2016 - 2018	Average Turf Quality 2016 - 2018
DLFPS	Turfway	6.50	6.50	6.50	73.49	1.02	77.58	0.97	7.34	6.84	6.75
DLFPS	Hounddog 8	7.50	7.00	7.00	70.64	0.98	71.65	0.94	7.50	6.84	6.75
Rutgers	3N2	7.00	7.50	7.50	72.68	0.92	77.19	0.90	7.34	7.00	6.75
NexGen	ATF1832	6.50	7.00	7.00	76.57	0.96	78.89	0.93	7.17	6.67	6.63
NexGen	Rebel Exeda	7.50	7.00	7.00	75.12	0.95	74.65	0.92	7.17	6.67	6.63
PST	PST-5T24	7.00	6.50	7.00	78.15	0.97	76.80	0.91	7.33	6.50	6.63
PST	PST-R511	7.00	6.50	7.00	76.10	0.94	72.27	0.87	6.84	6.50	6.63
PPG	PPG-TF 154	7.50	7.50	7.50	73.25	0.94	73.36	0.91	7.50	7.00	6.63
DLFPS	DLFPS-TF/3553	7.00	7.00	7.00	80.04	0.96	78.27	0.91	7.50	6.84	6.63
DLFPS	Bloodhound	7.00	6.50	6.50	79.94	0.94	79.35	0.90	7.33	6.50	6.63
NexGen	ATF1574	7.00	7.00	7.00	77.59	0.99	75.88	0.89	7.00	6.50	6.50
NexGen	ATF1576	8.00	7.00	7.00	75.28	1.01	73.94	0.94	7.50	6.50	6.50
NexGen	ATF1585	7.00	6.00	7.00	75.55	0.98	73.45	0.92	6.84	6.00	6.50
NexGen	ATF1616	7.00	6.00	7.00	79.43	0.96	73.19	0.90	7.00	6.17	6.50
NexGen	Rebel V (ATF1736)	6.50	6.50	6.50	79.04	0.91	75.87	0.85	6.84	6.34	6.50
NexGen	South Fork (ATF1738)	7.50	7.50	7.50	78.49	0.96	70.64	0.83	7.34	7.00	6.50
NexGen	ATF1835	7.50	6.50	6.50	77.38	0.99	75.93	0.95	7.34	6.34	6.50
PST	PST-53D2	7.00	6.50	7.00	79.39	0.94	81.93	0.89	7.00	6.50	6.50
PST	Tar Heel II	7.00	6.50	7.00	78.59	0.93	76.17	0.88	7.00	6.50	6.50
PPG	Avenger II	6.50	7.00	7.00	81.43	0.94	80.98	0.88	7.00	7.00	6.50
DLFPS	Rowdy	7.00	6.50	6.50	77.78	0.94	77.84	0.89	7.17	6.33	6.50
Rutgers	304	7.00	7.00	7.00	78.63	0.93	74.70	0.89	7.17	6.84	6.50
PST	PST-5EX2	6.50	6.00	6.00	77.64	0.90	80.40	0.88	6.84	6.17	6.50
NexGen	ATF1900	7.00	6.50	6.50	76.66	0.98	72.78	0.92	7.17	6.17	6.38
PST	PST-5BPO	7.00	7.00	7.00	74.59	0.95	75.84	0.90	7.00	6.50	6.38
PPG	Titanium 2LS	6.50	6.50	6.50	74.86	0.94	74.73	0.91	7.17	6.50	6.38
PPG	PPG-TF 174	6.50	7.00	7.00	77.98	0.94	77.69	0.92	7.00	6.67	6.38
DLFPS	DLFPS-TF/3550	7.50	6.50	7.00	75.63	0.96	75.76	0.91	7.67	6.67	6.38
NexGen	ATF1591	7.00	6.50	6.50	76.73	0.97	74.16	0.94	7.33	6.17	6.25
NexGen	ATF1838	6.50	6.00	6.50	74.41	0.99	72.19	0.94	7.00	6.33	6.25
NexGen	ATF1833	7.00	6.50	6.50	74.78	0.97	72.94	0.91	6.84	6.33	6.25
PST	PST-5LYM	6.50	6.50	6.50	81.30	0.91	74.39	0.80	6.84	6.50	6.25
PST	PST-5MIK	7.00	6.50	6.50	78.24	0.97	75.50	0.89	7.34	6.67	6.25
NexGen	ATF1594	7.00	6.50	6.50	66.60	1.04	61.59	0.79	7.00	6.50	6.13
PST	Rain Dance	8.00	6.50	6.50	73.44	0.94	73.44	0.86	7.17	6.34	6.13
PPG	PPG-TF 153	7.00	6.00	6.50	79.74	0.95	73.00	0.91	7.17	5.67	6.13
Rutgers	WATKINS	6.50	6.00	6.00	70.76	1.02	62.67	0.75	7.00	6.67	6.13
NexGen	ATF1572	7.00	6.50	7.00	78.77	0.96	77.57	0.93	7.00	5.84	6.00
PST	Saltillo	6.50	6.00	6.00	77.14	0.95	76.82	0.91	7.00	6.17	6.00
DLFPS	Fayette	6.50	5.50	6.00	75.69	0.95	72.22	0.85	6.67	6.00	6.00
NexGen	Springwood (ATF1599)	6.50	5.50	6.00	75.26	0.96	68.61	0.88	7.00	6.00	5.88
NexGen	ATF1617	6.50	6.00	6.00	77.70	0.96	76.12	0.89	7.00	6.00	5.88

SPONSOR	CULTIVAR	Subjective Data			Objective Data				Subjective Data		
		Genetic Color 2018	Texture 2018	Turf Quality 2018	Average Percent Cover 2018	Average DGCI 2018	Average Percent Cover 2016 - 2018	Average DGCI 2017 - 2018	Average Genetic Color 2016 - 2018	Average Texture 2016 - 2018	Average Turf Quality 2016 - 2018
NexGen	ATF1829	7.00	6.00	6.00	77.49	0.96	77.01	0.92	7.00	5.83	5.88
DLFPS	DLFPS-TF/3544	6.00	5.50	5.50	71.49	0.97	65.05	0.76	7.00	5.84	5.88
DLFPS	DLFPS-TF/3546	7.50	6.50	6.50	78.93	0.95	61.56	0.73	7.50	6.67	5.88
PPG	Stingray	6.50	6.00	6.50	75.41	0.98	71.40	0.82	7.00	6.00	5.75
PPG	PPG-TF 176	7.50	6.00	6.00	67.37	1.03	62.38	0.79	7.50	6.34	5.75
DLFPS	DLFPS-TF/3545	5.50	5.50	6.00	74.59	0.97	69.19	0.78	6.34	5.84	5.75
DLFPS	Rebounder	7.50	5.50	5.00	65.31	1.03	67.93	0.79	7.50	6.34	5.75
PST	PST-SSTAR	6.50	5.00	5.50	77.20	0.92	68.09	0.79	7.00	5.84	5.63
DLFPS	DLFPS-TF/3543	5.00	5.50	6.00	74.23	0.96	70.22	0.80	6.34	6.00	5.63
PPG	PPG-TF 155	6.50	5.50	5.50	67.92	0.97	61.13	0.76	7.00	6.17	5.50
DLFPS	DLFPS-TF/3548	7.00	5.00	5.00	76.31	0.90	71.62	0.88	7.00	5.67	5.50
DLFPS	DLFPS-TF/3549	6.50	5.00	5.00	71.64	0.94	68.06	0.76	7.00	5.84	5.50
DLFPS	KY-31 E+	5.50	4.00	4.50	81.44	0.86	82.61	0.82	5.17	4.33	4.25
	CV	9.45	13.48	11.65	5.66	2.72	7.73	9.00	5.03	8.91	9.73
	LSD (0.05)	1.10	1.48	1.30	7.27	0.04	9.75	0.13	0.60	0.98	1.05

2018 Genetic Color = 1-9; 9=Best (1 rating: May 25, 2018)

2018 Texture = 1-9; 9=Best (1 rating: May 25, 2018)

2018 Turf Quality = 1-9; 9=Best (1 rating: May 25, 2018)

2018 Average Percent Cover = % (4 ratings)

2018 Average DGCI = Dark Green Color Index value (4 ratings)

2016-2018 Average Percent Cover = % (15 ratings)

2017-2018 Average DGCI = Dark Green Color Index value (9 ratings)

2016-2018 Average Genetic Color = (9 ratings)

2016-2018 Average Texture = 1-9; 9=Best (3 ratings)

2016-2018 Average Turf Quality = 1-9; 9=Best (9 ratings)

CTBT: 2017 Trial - 17CTFF5

Fine Fescue Turf Trial

Location: Urbana, IL

2018 Data

Cooperator: Dr. Tom Fermanian

		Subjective Data
SPONSOR	CULTIVAR	Average Turf Quality 2018
Chewings Fescue		
DLF	DLF-FRC 51	5.33
Rutgers	Z16-RCF	5.27
NexGen	ACF314	5.13
NexGen	ACF328	5.13
PST	PST-4SWT	5.07
PPG	PPG-FRC 120	5.00
DLF	DLF-FRC 52	5.00
NexGen	ACF303	5.00
CHECK	Koket	5.00
PPG	PPG-FRC 113	4.87
CHECK	Sonar	4.80
DLF	DLF-FRC 54	4.73
NexGen	ACF319	4.73
PPG	PPG-FRC 118	4.67
DLF	DLF-FRC 50	4.67
CHECK	Survivor	4.67
NexGen	ACF309	4.60
CHECK	Radar	4.13
CHECK	Culumbra II	4.07
NexGen	ACF327	4.00
Hard & Sheep Fescues		
NexGen	AHF222	5.27
PST	PST-4BND	5.20
DLF	DLF-FL 54 M3	5.13
DLF	DLF-FL 53 M3	5.00
CHECK	Bighorn GT	5.00
NexGen	AHF211	5.00
CHECK	Eureka II	4.93
CHECK	Beacon	4.87
DLF	DLF-FL 64	4.87
CHECK	SR 3150	4.87
PPG	PPG-FL 113	4.80
PPG	PPG-FO 102	4.80
Rutgers	Z16-RHF	4.73
PST	PST-4GUD	4.73
NexGen	AHF205	4.67
DLF	DLF-FL 63	4.53
NexGen	AHF218	4.47
NexGen	AHF225	4.27
PPG	PPG-FL 115	4.07

		Subjective Data
SPONSOR	CULTIVAR	Average Turf Quality 2018
Slender Red Fescue		
NexGen	ASR175	4.93
NexGen	ASR197	4.87
CHECK	SeaMist	4.40
CHECK	Seabreeze GT	4.33
Strong Red Fescue		
PPG	PPG-FRR 115	5.40
PST	PST-4CR7	5.07
DLF	DLF-FRR 77	4.93
PST	PST-4ED4	4.93
NexGen	ASC348	4.93
Rutgers	Z16-DRBM	4.87
DLF	DLF-FRR 75	4.87
DLF	DLF-FRR 79	4.80
NexGen	ASC351	4.80
Rutgers	Z16-DRBM2X	4.73
PPG	PPG-FRR 114	4.73
NexGen	ASC347	4.73
NexGen	ASC359	4.73
CHECK	Boreal	4.67
DLF	DLF-FRR 72 M2	4.67
PST	PST-4SP14	4.60
NexGen	ASC295	4.60
NexGen	ASC354	4.60
NexGen	ASC356	4.60
NexGen	ASC361	4.60
CHECK	Lustrous	4.60
CHECK	Shademaster III	4.47
NexGen	ASC362	4.40
DLF	DLF-FRR 76	4.33
PPG	PPG-FRR 111	4.20
PST	PST-4DR4	4.20
PST	Xeric	4.20
PST	PST-4BEN	4.13
PPG	PPG-FRR 116	4.07
PST	PST-4RUE	4.07
NexGen	ASC350	4.07
PST	PST-4GRP	2.53
	CV	13.95
	LSD (0.05)	0.88

2018 Average Turf Quality = 1-9; 9=Best (5 ratings)

CTBT: 2017 Trial - 17CTFF22
 Fine Fescue Turf Trial
 Location: West Lafayette, IN
 Cooperator: Dr. Cale Bigelow

2018 Data

SPONSOR	CULTIVAR	Subjective Data		
		Density 2018	Average Genetic Color 2018	Average Turf Quality 2018
Chewings Fescue				
Rutgers	Z16-RCF	7.00	6.50	6.86
DLF	DLF-FRC 50	7.00	7.33	6.81
PPG	PPG-FRC 120	6.67	6.83	6.81
NexGen	ACF319	7.33	6.67	6.76
NexGen	ACF328	7.00	6.67	6.62
NexGen	ACF327	7.00	6.17	6.52
CHECK	Radar	6.00	6.67	6.43
PPG	PPG-FRC 113	6.00	7.00	6.34
PST	PST-4SWT	6.00	6.83	6.33
NexGen	ACF303	6.00	7.00	6.33
NexGen	ACF314	7.00	6.33	6.24
CHECK	Survivor	6.33	6.50	6.19
CHECK	Sonar	6.33	6.83	6.19
NexGen	ACF309	6.33	6.67	6.19
DLF	DLF-FRC 51	5.33	6.17	6.14
DLF	DLF-FRC 54	6.33	7.00	6.05
PPG	PPG-FRC 118	4.67	6.17	5.81
CHECK	Culumbra II	4.67	6.33	5.71
DLF	DLF-FRC 52	6.00	6.00	5.62
CHECK	Koket	4.67	5.33	5.10
Hard & Sheep Fescues				
Rutgers	Z16-RHF	4.67	6.50	5.43
NexGen	AHF225	4.33	6.17	5.10
NexGen	AHF218	4.67	6.17	5.05
CHECK	Beacon	4.33	6.33	5.00
DLF	DLF-FL 64	3.67	6.50	5.00
NexGen	AHF211	4.33	6.17	4.95
NexGen	AHF222	4.33	5.83	4.90
NexGen	AHF205	4.00	6.33	4.72
DLF	DLF-FL 63	3.67	6.17	4.57
PPG	PPG-FL 113	3.67	6.17	4.57
DLF	DLF-FL 53 M3	2.67	6.33	4.24
CHECK	Eureka II	3.33	5.67	4.24
PPG	PPG-FO 102	2.33	5.33	4.10
PST	PST-4GUD	4.00	5.83	4.04
CHECK	SR 3150	2.67	6.33	3.93
PST	PST-4BND	2.00	5.83	3.91
CHECK	Bighorn GT	3.00	5.50	3.90
DLF	DLF-FL 54 M3	2.67	5.50	3.81
PPG	PPG-FL 115	2.67	6.33	3.74
Slender Red Fescue				
NexGen	ASR197	6.67	6.33	6.71
CHECK	SeaMist	5.00	6.67	6.24
CHECK	Seabreeze GT	5.00	6.17	5.76
NexGen	ASR175	5.33	6.33	5.62

SPONSOR	CULTIVAR	Subjective Data		
		Density 2018	Average Genetic Color 2018	Average Turf Quality 2018
Strong Red Fescue				
NexGen	ASC359	7.67	6.83	7.14
NexGen	ASC350	7.33	6.67	6.86
NexGen	ASC362	7.00	6.50	6.62
PST	PST-4CR7	6.33	6.83	6.57
NexGen	ASC356	7.67	7.00	6.57
PPG	PPG-FRR 115	6.00	6.83	6.53
NexGen	ASC361	7.67	6.83	6.52
NexGen	ASC295	5.67	6.50	6.29
NexGen	ASC351	6.33	6.67	6.28
DLF	DLF-FRR 77	6.00	6.50	6.24
PPG	PPG-FRR 111	6.67	6.50	6.24
Rutgers	Z16-DRBM	5.33	6.33	6.14
NexGen	ASC347	5.33	6.50	6.14
NexGen	ASC354	6.33	6.67	6.14
PPG	PPG-FRR 116	5.33	6.67	6.10
NexGen	ASC348	5.67	6.00	6.05
CHECK	Lustrous	5.33	6.50	6.05
DLF	DLF-FRR 79	6.00	6.17	6.05
DLF	DLF-FRR 72 M2	5.67	6.33	6.05
PST	PST-4BEN	4.67	6.67	5.95
PST	PST-4ED4	5.00	6.33	5.86
CHECK	Shademaster III	5.33	6.17	5.86
Rutgers	Z16-DRBM2X	5.67	5.83	5.81
PST	PST-4DR4	5.33	7.00	5.76
PPG	PPG-FRR 114	5.00	6.33	5.62
PST	Xeric	5.00	6.50	5.57
DLF	DLF-FRR 75	5.00	5.50	5.52
DLF	DLF-FRR 76	5.00	5.67	5.48
PST	PST-4RUE	5.33	6.50	5.47
CHECK	Boreal	4.00	5.33	5.05
PST	PST-4SP14	4.33	6.17	5.05
PST	PST-4GRP	3.00	6.00	4.29
	CV	15.42	7.16	7.92
	LSD (0.05)	1.10	0.61	0.61

2018 Average Density = 1-9; 9=Most Dense (1 rating: September 27, 2018)

2018 Average Genetic Color = 1-9; 9=Darkest (2 ratings)

2018 Average Turf Quality = 1-9; 9=Best (7 ratings)

CTBT: 2014 Trial - 14CTKB3
 Kentucky Bluegrass Turf Trial
 Location: College Park, MD
 Cooperator: Dr. Tom Turner

2018 Data

SPONSOR	CULTIVAR	Subjective Data				
		Average Turf Quality 2016	Average Turf Quality 2017	Red Thread 2018	Average Turf Quality 2018	Average Turf Quality 2016 - 2018
NexGen	AKB2836	5.00	5.81	8.33	7.24	6.01
Check	Bewitched	4.86	6.05	8.67	7.10	6.00
NexGen	AKB434	4.86	5.76	8.00	6.86	5.83
PST	K12-132	5.52	5.24	5.33	6.62	5.79
DLF-Pick	Haromine	5.05	5.57	8.33	6.67	5.76
NexGen	AKB510	4.53	5.76	8.67	6.76	5.68
Check	Midnight	4.24	5.67	8.67	6.91	5.61
NexGen	Tejas (KH3492)	4.43	5.67	6.67	6.67	5.59
DLF-Pick	Keeneland	4.72	5.76	9.00	6.24	5.57
PST	T12-31	4.81	5.00	8.00	6.48	5.43
NexGen	AKB2403	4.71	5.29	8.33	6.28	5.43
Rutgers	A04-68	4.66	5.28	8.67	6.19	5.38
NexGen	Apollo H2O	4.38	5.62	7.33	6.05	5.35
PST	K10-110	4.62	5.19	6.33	6.19	5.33
Rutgers	A04-1381	4.67	5.48	8.00	5.81	5.32
NexGen	Conquistador (AKB1661)	4.43	5.24	7.00	6.29	5.32
DLF-Pick	TD-8	4.72	5.14	8.67	6.10	5.32
PPG	A06-3	4.86	5.29	8.33	5.76	5.30
PST	K13-143	4.81	5.10	7.00	6.00	5.30
PPG	A05-342	4.67	5.15	7.67	6.05	5.29
Check	Mallard	4.57	5.43	9.00	5.86	5.28
NexGen	AKB2949	4.52	5.38	8.00	5.95	5.28
DLF-Pick	A09-258	3.91	5.48	6.33	6.43	5.27
NexGen	Valley View (AKB2839)	4.71	5.00	7.67	6.00	5.24
PST	T14-39	5.10	4.76	8.00	5.81	5.22
DLF-Pick	TD-7	4.67	5.10	8.00	5.90	5.22
PST	K13-139	4.71	5.19	7.00	5.76	5.22
PST	T14-38	4.38	5.00	8.67	6.24	5.21
NexGen	AKB2313	5.05	4.95	7.67	5.62	5.21
NexGen	Mystere H2O	4.00	5.24	8.67	6.28	5.17
PPG	A99-523	4.43	5.43	8.33	5.62	5.16
Check	Bluenote	4.43	5.14	7.00	5.90	5.16
PST	T10-22	4.62	4.90	8.00	5.86	5.13
PST	Desert Moon	4.05	5.48	8.00	5.81	5.11
PST	K13-137	4.05	4.67	8.67	6.43	5.05
PPG	A98-1001	4.67	4.86	8.00	5.57	5.03
Rutgers	A12-2	4.38	4.81	7.33	5.86	5.01
PST	K14-146	4.62	5.10	8.67	5.29	5.00
DLF-Pick	TD-2	4.47	4.95	8.00	5.57	5.00
PPG	A10-873	4.05	4.95	8.33	5.90	4.97
Check	Bedazzled	4.38	4.86	9.00	5.67	4.97
DLF-Pick	PST-K10-106D	4.66	4.76	7.67	5.47	4.97
Rutgers	A98-3366	4.19	4.95	8.33	5.71	4.95
NexGen	AKB1078	4.72	4.71	7.67	5.43	4.95
Rutgers	A06-671	4.29	5.24	7.33	5.28	4.94
NexGen	Deja Blue (AKB1193)	4.57	4.67	7.33	5.57	4.93
PPG	A10-1	4.05	4.43	8.67	6.29	4.92
PPG	A06-2	4.57	4.91	8.33	5.24	4.91
PST	T14-36	4.48	5.19	8.00	5.05	4.90

SPONSOR	CULTIVAR	Subjective Data				
		Average Turf Quality 2016	Average Turf Quality 2017	Red Thread 2018	Average Turf Quality 2018	Average Turf Quality 2016 - 2018
DLF-Pick	A08-3	4.38	5.00	8.33	5.33	4.90
DLF-Pick	PST-K9-103	4.81	4.86	7.67	5.05	4.90
NexGen	Delta Blue (AKB2404)	4.76	4.67	8.33	5.24	4.89
Rutgers	Dauntless	4.24	4.86	5.67	5.52	4.88
PST	T14-37	4.05	4.62	7.00	5.95	4.87
DLF-Pick	A06-643	3.86	4.71	7.67	6.00	4.86
PST	K13-140	4.52	4.62	6.67	5.38	4.84
PST	K14-155	4.53	4.72	8.00	5.10	4.78
PST	K13-138	4.38	4.57	8.33	5.38	4.78
NexGen	AKB1764	4.19	5.05	9.00	5.00	4.75
PST	K14-152	4.52	4.76	9.00	4.90	4.73
PST	T14-40	4.38	4.62	7.67	5.14	4.71
Rutgers	A12-1	4.48	4.86	7.33	4.81	4.71
Check	Right	4.05	4.71	9.00	5.33	4.70
DLF-Pick	Sombrero	4.05	4.52	8.00	5.53	4.70
PST	T10-18	3.95	4.43	7.33	5.67	4.68
PST	K13-141	3.86	4.90	8.00	5.14	4.63
DLF-Pick	A09-353	4.15	4.57	8.00	5.14	4.62
Check	America	4.24	4.76	8.33	4.86	4.62
NexGen	AKB1162	4.52	4.48	9.00	4.81	4.60
DLF-Pick	Crest 5K-12	4.33	4.29	8.00	5.14	4.59
PPG	A99-2897	3.86	4.62	8.67	5.29	4.59
DLF-Pick	A10-4	3.43	4.81	8.67	5.38	4.54
Rutgers	A12-3	4.24	4.52	8.33	4.81	4.52
DLF-Pick	Spitfire	4.00	4.48	7.33	5.09	4.52
PST	K10-107	3.71	4.43	7.67	5.29	4.48
DLF-Pick	A10-5	4.00	4.24	8.67	5.05	4.43
NexGen	Ridgeline	4.33	4.43	7.67	4.52	4.43
DLF-Pick	Mercury	4.09	4.38	8.33	4.71	4.40
PPG	A06-19	3.81	4.33	7.67	5.05	4.40
DLF-Pick	DDOKM	4.62	4.43	8.00	4.14	4.40
NexGen	AKB2120	3.91	4.57	5.67	4.62	4.37
DLF-Pick	Rhapsody	3.67	4.24	6.33	5.05	4.32
DLF-Pick	TB 677	4.05	4.24	7.67	4.62	4.30
NexGen	AKB1184	3.95	4.48	9.00	4.43	4.29
NexGen	AKB2543	3.86	4.52	8.00	4.43	4.27
DLF-Pick	TD-5	4.05	4.43	6.67	4.28	4.25
DLF-Pick	Crest	3.81	4.29	7.67	4.62	4.24
NexGen	AKB1892	4.05	4.24	8.00	4.43	4.24
PST	T13-34	3.33	4.57	7.67	4.62	4.17
Check	Touchdown	3.81	4.19	6.33	4.29	4.10
PPG	A08-2	3.38	4.05	8.67	4.81	4.08
Check	Geronimo	3.34	3.91	7.00	4.62	3.95
NexGen	AKB2310	3.86	3.90	8.00	4.00	3.92
NexGen	AKB1147	3.85	3.95	9.00	3.71	3.84
PST	K11-125	3.43	3.90	7.33	4.14	3.82
DLF-Pick	TD-4	3.91	3.76	7.00	3.43	3.70
Check	Ken Blue	3.14	3.14	5.00	3.86	3.38
	CV	10.81	12.04	11.99	13.68	10.46
	LSD (0.05)	0.63	0.78	1.27	1.01	0.69

2016 Average Turf Quality = 1-9; 9=Best (7 ratings)
2017 Average Turf Quality = 1-9; 9=Best (7 ratings)
2018 Red Thread = 1-9; 9=Most Resistant (1 rating)

2018 Average Turf Quality = 1-9; 9=Best (7 ratings)
2016-2018 Average Turf Quality = 1-9; 9=Best (21 ratings)

CTBT: 2015 Trial - 15CTFA3
 Tall Fescue Turf Trial
 Location: College Park, MD
 Cooperator: Dr. Tom Turner

2018 Data

SPONSOR	CULTIVAR	Subjective Ratings					
		Brown Patch 2016	Average Turf Quality 2016	Brown Patch 2017	Average Turf Quality 2017	Average Turf Quality 2018	Average Turf Quality 2016 - 2018
PPG	PPG-TF 229	7.67	7.61	86.67	7.90	7.43	7.65
PPG	PPG-TF 234	7.33	7.39	88.33	7.62	7.81	7.61
Rutgers	3N1	7.00	7.50	90.00	7.57	7.71	7.59
Rutgers	3N2	7.33	7.06	85.00	7.52	7.43	7.34
Rutgers	304	7.00	6.94	80.00	7.38	7.62	7.32
PPG	PPG-TF 232	7.33	7.22	85.00	7.38	7.33	7.31
DLFPS	DLFPS-TF/3553	7.33	7.00	81.67	7.43	7.43	7.29
Rutgers	3B2	7.67	7.17	88.33	7.43	7.24	7.28
DLFPS	DLFPS-TF/3550	6.67	6.94	83.33	7.24	7.57	7.25
PPG	PPG-TF 231	7.67	6.94	86.67	7.29	7.43	7.22
PPG	Avenger II	7.67	6.83	88.33	7.14	7.62	7.20
PPG	PPG-TF 230	6.67	7.11	76.67	7.10	7.14	7.12
DLFPS	Rowdy	8.00	6.67	86.67	7.24	7.38	7.10
PPG	PPG-TF 176	7.00	7.00	85.00	7.24	7.00	7.08
DLFPS	DLFPS-TF/3548	7.00	7.00	66.67	6.95	7.24	7.07
DLFPS	DLFPS-TF/3552	6.33	6.67	81.67	7.14	7.28	7.03
DLFPS	DLFPS-TF/3547	5.67	6.83	80.00	7.10	6.81	6.91
DLFPS	DLFPS-TF/3543	7.00	6.83	86.67	7.10	6.76	6.90
DLFPS	DLFPS-TF/3538	6.00	6.61	83.33	6.95	6.95	6.84
NexGen	Six Point	7.33	6.61	85.00	6.95	6.81	6.79
DLFPS	DLFPS-TF/3539	5.33	6.44	80.00	6.86	6.81	6.70
DLFPS	Firewall	6.00	6.55	86.67	7.05	6.48	6.69
PST	PST-5LYM	7.33	6.55	86.67	6.81	6.67	6.68
DLFPS	DLFPS-TF/3541	7.33	6.56	73.33	6.71	6.76	6.67
PPG	PPG-TF 177	7.33	6.11	80.00	6.95	6.91	6.66
NexGen	South Fork (ATF1738)	6.67	6.39	71.67	7.05	6.52	6.65
PST	PST-5MIN4	7.00	6.39	76.67	6.67	6.91	6.65
PST	PST-5SQB	6.67	6.67	58.33	6.47	6.81	6.65
PST	PST-SYN-5WAB-15	6.00	6.61	78.33	6.76	6.57	6.65
DLFPS	Rebounder	6.33	6.50	76.67	6.76	6.67	6.64
DLFPS	DLFPS-TF/3551	6.33	6.28	76.67	6.86	6.76	6.63
PST	PST-R511	4.67	6.33	63.33	6.71	6.81	6.62
PST	Lifeguard	6.67	6.50	78.33	6.52	6.81	6.61
DLFPS	DLFPS-TF/3546	6.67	6.06	66.67	7.24	6.52	6.61
PPG	Titanium 2LS	7.67	6.72	73.33	6.62	6.38	6.57
PST	PST-5DR	7.33	6.61	81.67	6.43	6.67	6.57
DLFPS	Bloodhound	6.33	6.28	80.00	6.81	6.57	6.55
NexGen	Rebel V (ATF1736)	6.33	6.45	81.67	6.62	6.57	6.55
PST	PST-SYN-5YORK-15	6.33	6.17	75.00	6.57	6.81	6.51
DLFPS	DLFPS-TF/3540	6.67	6.22	75.00	6.71	6.53	6.49
PST	PST-53D2	7.00	6.44	78.33	6.57	6.43	6.48
DLFPS	Houndog 8	5.67	6.50	65.00	6.62	6.33	6.48
PST	PST-5DAW-15	6.67	6.00	85.00	6.86	6.53	6.46
DLFPS	Fayette	6.67	6.16	76.67	6.62	6.52	6.43
PPG	PPG-TF 178	7.33	6.11	81.67	6.62	6.43	6.39
DLFPS	DLFPS-TF/3545	6.00	5.94	68.33	6.67	6.52	6.38
DLFPS	DLFPS-TF/3549	6.67	6.05	76.67	6.62	6.43	6.36
DLFPS	DLFPS-TF/3542	6.00	6.11	78.33	6.71	6.24	6.35
PPG	PPG-TF 174	7.00	6.28	80.00	6.48	6.10	6.28

SPONSOR	CULTIVAR	Subjective Ratings					
		Brown Patch 2016	Average Turf Quality 2016	Brown Patch 2017	Average Turf Quality 2017	Average Turf Quality 2018	Average Turf Quality 2016 - 2018
NexGen	Springwood (ATF1599)	5.67	6.33	67.00	6.24	6.24	6.27
Rutgers	WATKINS	5.33	6.39	71.67	6.57	5.67	6.21
PPG	PPG-TF 153	6.33	6.28	73.33	6.33	5.91	6.17
NexGen	Rebel Exeda	6.67	5.89	73.33	6.38	6.14	6.14
PST	PST-5MINI	6.33	6.16	83.33	6.05	6.14	6.12
PST	PST-5BP0	6.00	5.78	63.33	6.33	6.14	6.08
PST	PST-5T24	4.33	6.11	83.33	6.38	5.71	6.07
PST	PST-5MIK	6.33	6.11	85.00	6.81	5.14	6.02
NexGen	ATF1552	6.67	5.72	78.33	6.24	5.95	5.97
NexGen	ATF1835	6.00	6.45	75.00	6.10	5.28	5.94
PST	PST-5STAR	6.33	6.11	63.33	6.10	5.62	5.94
DLFPS	Turfway	6.33	6.00	75.00	6.14	5.67	5.94
NexGen	ATF1572	6.33	5.72	73.33	6.00	6.00	5.91
PST	Gazelle II	4.67	5.89	60.00	6.14	5.67	5.90
PST	Saltillo	6.00	5.89	83.33	6.00	5.76	5.89
NexGen	ATF1587	5.00	6.17	61.67	6.00	5.43	5.86
PPG	PPG-TF 154	5.33	6.06	70.00	6.15	5.38	5.86
NexGen	ATF1831	4.67	5.83	68.33	5.95	5.71	5.83
NexGen	ATF1601	5.33	5.72	78.33	5.86	5.90	5.83
PST	PST-5EX2	7.67	5.94	85.00	5.62	5.76	5.78
DLFPS	DLFPS-TF/3544	5.33	5.72	61.67	5.81	5.76	5.76
NexGen	ATF1574	5.67	5.83	73.33	6.00	5.38	5.74
PST	PST-5DZP	4.67	5.89	73.33	6.14	5.14	5.72
NexGen	ATF1467	6.00	5.33	71.67	5.81	5.95	5.70
PST	PST-5BRK	6.67	5.84	70.00	5.72	5.33	5.63
NexGen	ATF1838	5.67	5.83	56.67	5.71	5.19	5.58
PPG	PPG-TF 155	6.00	5.22	71.67	5.57	5.57	5.46
NexGen	ATF1576	5.33	5.39	80.00	5.71	5.19	5.43
NexGen	ATF1833	5.33	5.72	60.00	5.48	5.09	5.43
NexGen	ATF1900	5.67	5.78	70.00	5.67	4.81	5.42
NexGen	ATF1829	5.67	5.28	73.33	5.71	5.24	5.41
DLFPS	Bullseye	7.33	4.83	70.00	5.76	5.62	5.40
PST	Rain Dance	5.00	5.72	63.33	5.52	4.95	5.40
NexGen	ATF1832	4.33	5.56	71.67	5.57	5.05	5.39
NexGen	ATF1594	5.67	5.78	61.67	5.48	4.57	5.28
NexGen	ATF1616	5.33	5.50	50.00	5.33	4.86	5.23
NexGen	ATF1836	5.00	5.39	73.33	5.19	4.90	5.16
NexGen	ATF1585	5.33	5.00	61.67	5.38	4.90	5.10
PPG	Stingray	5.67	5.50	55.00	5.28	4.29	5.02
PST	Tar Heel II	7.00	5.72	53.33	4.71	4.38	4.94
NexGen	ATF1591	5.00	5.28	65.00	5.10	4.00	4.79
NexGen	ATF1617	5.00	5.11	56.67	4.86	4.19	4.72
DLFPS	KY-31 E+	6.00	2.55	83.33	2.81	2.19	2.51
	CV	16.26	4.63	43.15	4.74	6.72	3.64
	LSD (0.05)	1.38	0.39	14.66	0.41	0.56	0.31

2016 Brown Patch = 1-9; 9=Most Resistant (1 rating)

2016 Average Turf Quality = 1-9; 9=Best (6 ratings)

2017 Brown Patch = Percent Resistant (1 rating)

2017 Average Turf Quality = 1-9; 9=Best (7 ratings)

2018 Average Turf Quality = 1-9; 9=Best (7 ratings)

2016-2018 Average Turf Quality = 1-9; 9=Best (20 ratings)

CTBT: 2017 Trial - 17CTFF16
 Fine Fescue Turf Trial
 Location: St. Paul, MN
 Cooperator: Dr. Eric Watkins

2018 Data

SPONSOR	CULTIVAR	Subjective Data		
		Establishment 2017	Spring Green-Up 2018	Average Turf Quality 2018
Chewings Fescue				
PPG	PPG-FRC 120	5.00	5.33	6.45
DLF	DLF-FRC 50	4.33	5.33	6.45
Rutgers	Z16-RCF	5.00	4.67	6.17
CHECK	Radar	5.00	5.00	6.17
PPG	PPG-FRC 118	5.33	4.33	6.06
DLF	DLF-FRC 54	5.67	4.67	6.00
NexGen	ACF319	4.33	5.00	5.89
DLF	DLF-FRC 51	6.00	4.33	5.72
CHECK	Sonar	5.33	4.33	5.67
NexGen	ACF303	5.67	4.33	5.67
CHECK	Survivor	5.33	5.00	5.67
DLF	DLF-FRC 52	5.33	5.00	5.61
NexGen	ACF314	5.00	4.33	5.55
CHECK	Culumbra II	5.33	3.67	5.50
NexGen	ACF328	5.00	5.67	5.39
PPG	PPG-FRC 113	3.00	5.67	5.33
PST	PST-4SWT	5.00	4.67	5.28
NexGen	ACF327	5.33	5.67	5.28
NexGen	ACF309	5.00	5.67	5.22
CHECK	Koket	6.00	3.00	3.67
Hard & Sheep Fescues				
PPG	PPG-FL 115	3.00	4.33	6.72
PPG	PPG-FL 113	4.00	4.00	6.56
DLF	DLF-FL 63	3.67	4.00	6.39
DLF	DLF-FL 54 M3	3.00	4.67	6.33
Rutgers	Z16-RHF	4.67	4.00	6.22
DLF	DLF-FL 53 M3	3.33	4.00	6.17
DLF	DLF-FL 64	3.67	3.33	5.94
NexGen	AHF218	4.00	4.67	5.94
NexGen	AHF211	4.00	5.00	5.89
NexGen	AHF222	4.00	4.00	5.89
CHECK	Beacon	3.33	4.33	5.78
NexGen	AHF225	3.33	4.33	5.72
CHECK	SR 3150	3.00	4.00	5.67
NexGen	AHF205	3.33	4.33	5.44
PST	PST-4BND	3.33	3.33	5.33
CHECK	Bighorn GT	3.67	4.00	4.89
CHECK	Eureka II	3.67	4.33	4.78
PPG	PPG-FO 102	4.33	3.33	4.50
PST	PST-4GUD	3.67	4.67	4.33
Slender Red Fescue				
NexGen	ASR175	4.00	4.67	5.56
CHECK	SeaMist	5.67	5.00	5.39
NexGen	ASR197	5.67	5.33	5.39
CHECK	Seabreeze GT	3.67	5.00	5.28

SPONSOR	CULTIVAR	Subjective Data		
		Establishment 2017	Spring Green-Up 2018	Average Turf Quality 2018
Strong Fescue				
NexGen	ASC295	4.67	4.67	5.78
PST	PST-4CR7	4.33	5.33	5.67
PST	PST-4BEN	4.00	5.67	5.55
PST	PST-4ED4	6.00	3.00	5.50
NexGen	ASC362	5.33	5.00	5.45
PPG	PPG-FRR 115	6.00	5.33	5.44
NexGen	ASC359	5.67	4.33	5.44
NexGen	ASC361	3.67	5.33	5.44
CHECK	Lustrous	4.67	5.67	5.39
DLF	DLF-FRR 77	5.33	6.00	5.33
NexGen	ASC354	5.33	5.67	5.33
PPG	PPG-FRR 116	7.00	4.33	5.28
CHECK	Shademaster III	4.33	5.00	5.28
DLF	DLF-FRR 79	5.00	4.67	5.17
NexGen	ASC350	4.67	5.67	5.17
DLF	DLF-FRR 72 M2	4.00	6.00	5.16
PST	PST-4DR4	4.33	4.67	5.11
NexGen	ASC347	4.33	5.00	5.11
NexGen	ASC356	5.67	5.33	5.11
PPG	PPG-FRR 114	5.67	5.33	5.06
NexGen	ASC348	4.67	5.00	5.06
NexGen	ASC351	5.00	4.00	5.06
Rutgers	Z16-DRBM	6.67	5.00	4.95
PPG	PPG-FRR 111	3.00	5.67	4.95
PST	PST-4SP14	3.33	4.67	4.89
PST	Xeric	5.33	4.67	4.83
PST	PST-4RUE	2.67	4.67	4.61
Rutgers	Z16-DRBM2X	3.33	4.67	4.50
DLF	DLF-FRR 75	5.33	5.33	4.44
DLF	DLF-FRR 76	5.67	4.00	3.89
CHECK	Boreal	5.33	5.33	3.17
PST	PST-4GRP*	--	--	--
CV		17.78	17.45	6.51
LSD (0.05)		1.09	1.10	0.47

*PST-4GRP did not establish.

2017 Establishment = 1-9; 9=Best (1 rating: October 2, 2017)
 2017 Spring Green-Up = 1-9; 9=Darkest (1 rating: May 22, 2018)
 2018 Average Turf Quality = 1-9; 9=Best (6 ratings)

CTBT: 2017 Trial - 17CTFF1
 Fine Fescue Turf Trial
 Location: Adelphia, NJ
 Cooperator: Dr. William Meyer

2018 Data

SPONSOR	CULTIVAR	Subjective Data	
		Establishment 2017	Average Turf Quality 2018
Chewings Fescue			
CHECK	Radar	7.67	5.72
NexGen	ACF314	6.67	5.62
PPG	PPG-FRC 120	6.67	5.57
DLF	DLF-FRC 50	7.00	5.57
DLF	DLF-FRC 54	6.00	5.43
Rutgers	Z16-RCF	6.33	5.29
NexGen	ACF303	6.33	5.19
PPG	PPG-FRC 118	7.33	5.09
NexGen	ACF328	7.00	5.00
CHECK	Sonar	8.00	4.95
PPG	PPG-FRC 113	4.33	4.81
DLF	DLF-FRC 51	8.00	4.76
NexGen	ACF319	6.67	4.72
CHECK	Culumbra II	6.33	4.43
NexGen	ACF327	8.33	4.43
CHECK	Survivor	8.00	4.43
PST	PST-4SWT	7.33	4.14
DLF	DLF-FRC 52	5.67	3.71
NexGen	ACF309	7.00	3.67
CHECK	Koket	7.33	2.24
Hard & Sheep Fescues			
PPG	PPG-FL 115	6.33	6.57
Rutgers	Z16-RHF	6.00	6.00
DLF	DLF-FL 53 M3	5.33	5.95
DLF	DLF-FL 64	5.33	5.86
PPG	PPG-FL 113	6.33	5.81
DLF	DLF-FL 63	5.67	5.81
CHECK	Beacon	6.33	5.48
DLF	DLF-FL 54 M3	5.67	5.28
NexGen	AHF205	5.33	5.24
NexGen	AHF225	6.33	5.05
NexGen	AHF218	7.33	4.90
CHECK	SR 3150	7.00	4.86
NexGen	AHF222	6.00	4.71
PST	PST-4GUD	3.67	4.57
NexGen	AHF211	7.00	4.48
PPG	PPG-FO 102	4.00	4.38
PST	PST-4BND	4.67	4.38
CHECK	Eureka II	7.00	3.90
CHECK	Bighorn GT	5.67	3.86

SPONSOR	CULTIVAR	Subjective Data	
		Establishment 2017	Average Turf Quality 2018
Slender Red Fescue			
NexGen	ASR197	8.33	4.09
CHECK	SeaMist	8.67	3.86
CHECK	Seabreeze GT	4.33	3.34
NexGen	ASR175	3.67	3.33
Strong Red Fescue			
NexGen	ASC295	5.00	4.57
PPG	PPG-FRR 115	7.67	4.53
DLF	DLF-FRR 79	6.33	4.33
PST	PST-4CR7	8.33	4.19
PPG	PPG-FRR 116	7.33	4.10
NexGen	ASC359	7.33	4.10
NexGen	ASC350	8.00	4.05
PPG	PPG-FRR 111	4.00	4.00
NexGen	ASC361	7.33	3.95
NexGen	ASC362	7.00	3.76
DLF	DLF-FRR 72 M2	8.33	3.67
PST	PST-4BEN	5.00	3.67
NexGen	ASC348	6.00	3.62
NexGen	ASC351	8.00	3.62
NexGen	ASC356	7.33	3.57
PST	PST-4SP14	3.67	3.48
Rutgers	Z16-DRBM	7.67	3.48
DLF	DLF-FRR 77	6.67	3.48
PST	PST-4DR4	3.67	3.48
CHECK	Shademaster III	6.33	3.38
NexGen	ASC347	6.33	3.38
PST	PST-4ED4	8.00	3.38
PST	PST-4RUE	4.00	3.33
PPG	PPG-FRR 114	9.00	3.24
CHECK	Lustrous	8.67	3.19
NexGen	ASC354	6.33	3.10
PST	Xeric	7.00	2.95
Rutgers	Z16-DRBM2X	3.00	2.86
DLF	DLF-FRR 75	7.33	2.19
DLF	DLF-FRR 76	8.67	1.95
CHECK	Boreal	9.00	1.86
PST	PST-4GRP	--	--
	CV	14.54	9.65
	LSD (0.05)	1.28	0.56

*PST-4GRP did not establish

2017 Establishment = 1-9; 9=Best (1 rating: Oct. 12, 2017)

2018 Average Turf Quality = 1-9; 9=Best (7 ratings)

CTBT: 2017 Trial - 17CTFF2
 Fine Fescue Turf Trial
 Location: Salem, NJ
 Cooperator: Steve Langlois

2018 Data

		Objective Data							
SPONSOR	CULTIVAR	Cover 2018	Genetic Color 2018	Density 2018	Uniformity 2018	Turf Quality 2018	Green-Up 2018	Average Percent Cover 2018	Average Summer Stress 2018
Chewings Fescue									
DLF	DLF-FRC 50	7.28	3.11	2.09	7.95	5.11	87.76	53.94	36.47
Rutgers	Z16-RCF	8.28	3.02	2.50	8.22	5.51	92.21	55.24	34.60
NexGen	ACF327	3.49	3.07	3.54	7.49	4.40	75.15	44.02	30.74
NexGen	ACF314	5.72	3.00	2.92	8.36	5.00	88.34	48.99	30.57
NexGen	ACF319	5.06	3.31	3.53	7.86	4.95	78.85	47.84	30.17
NexGen	ACF303	1.38	3.02	2.88	6.70	3.49	73.85	39.44	27.60
PPG	PPG-FRC 113	5.51	3.17	3.32	8.93	5.23	86.79	45.35	26.95
PPG	PPG-FRC 120	6.00	2.90	3.21	7.79	4.98	75.97	48.52	25.93
PPG	PPG-FRC 118	4.80	2.72	3.12	7.82	4.61	75.87	46.45	23.74
CHECK	Sonar	3.98	2.85	2.86	7.67	4.34	69.06	42.72	22.80
DLF	DLF-FRC 54	4.78	2.67	2.40	8.64	4.62	69.22	44.37	21.93
NexGen	ACF328	3.35	3.25	3.48	8.05	4.53	84.09	43.15	21.36
CHECK	Radar	2.53	2.67	2.97	5.89	3.51	53.78	40.55	21.08
CHECK	Culumbra II	1.11	2.88	3.24	8.01	3.81	67.72	33.45	19.41
DLF	DLF-FRC 52	1.00	2.89	2.71	7.24	3.46	79.30	29.38	18.88
CHECK	Survivor	2.42	2.92	2.66	7.81	3.95	82.24	39.11	16.99
NexGen	ACF309	1.00	2.90	3.01	7.11	3.51	62.83	18.59	16.43
DLF	DLF-FRC 51	3.39	2.48	3.02	7.07	3.99	58.96	40.22	15.25
PST	PST-4SWT	1.00	2.29	2.64	7.62	3.39	45.02	28.99	10.07
CHECK	Koket	1.00	2.01	2.62	6.09	2.93	28.55	23.59	7.47
Hard & Sheep Fescues									
PPG	PPG-FL 113	7.79	3.68	2.30	8.63	5.60	84.30	77.95	62.64
NexGen	AHF205	4.63	2.86	3.14	8.43	4.76	84.44	65.56	57.03
PPG	PPG-FL 115	7.67	3.14	2.75	8.50	5.52	85.92	75.12	55.00
DLF	DLF-FL 53 M3	7.47	3.41	3.04	8.48	5.60	86.13	71.77	53.10
PST	PST-4GUD	6.90	4.07	2.78	6.62	5.10	75.92	69.53	52.35
DLF	DLF-FL 54 M3	7.19	3.07	2.60	8.59	5.36	55.10	72.62	51.74
CHECK	Beacon	7.35	2.91	2.70	8.42	5.35	66.45	73.67	51.48
DLF	DLF-FL 63	7.97	3.52	2.99	8.01	5.62	79.24	75.38	51.25
NexGen	AHF222	5.44	3.27	3.77	6.97	4.86	76.09	63.94	49.82
Rutgers	Z16-RHF	7.64	2.99	2.50	8.70	5.46	85.19	70.03	47.58
NexGen	AHF218	4.93	2.84	2.96	7.71	4.61	61.20	60.38	46.62
DLF	DLF-FL 64	7.43	3.07	3.24	8.66	5.60	78.01	69.25	44.90
CHECK	SR 3150	5.86	2.93	3.43	7.87	5.02	68.58	62.92	42.17
NexGen	AHF225	5.10	3.10	3.72	8.36	5.07	76.66	59.07	38.30
NexGen	AHF211	3.82	2.89	4.00	7.67	4.59	68.16	52.98	37.56
CHECK	Eureka II	4.40	3.35	3.23	6.90	4.47	66.91	57.38	37.27
CHECK	Bighorn GT	3.62	3.69	3.84	7.19	4.58	75.47	53.07	36.27
PST	PST-4BND	6.35	3.11	3.39	8.18	5.26	62.57	58.96	31.34
PPG	PPG-FO 102	4.50	2.77	2.42	7.57	4.31	54.69	52.10	21.77
Slender Red Fescue									
CHECK	SeaMist	4.14	2.24	2.06	7.69	4.03	54.06	43.53	27.41
NexGen	ASR197	5.67	3.02	2.97	7.10	4.69	68.47	47.41	20.69
NexGen	ASR175	1.34	3.03	4.20	7.95	4.13	65.50	35.64	10.00
CHECK	Seabreeze GT	3.17	2.53	2.84	8.15	4.17	30.50	42.91	6.53

		Objective Data							
SPONSOR	CULTIVAR	Cover 2018	Genetic Color 2018	Density 2018	Uniformity 2018	Turf Quality 2018	Green-Up 2018	Average Percent Cover 2018	Average Summer Stress 2018
Strong Red Fescue									
PST	PST-4GRP	1.00	3.94	3.47	3.48	2.97	70.49	31.13	33.67
PST	PST-4CR7	2.43	3.17	5.28	7.80	4.67	85.13	44.44	30.22
NexGen	ASC362	2.35	3.00	4.72	8.12	4.55	76.94	39.83	24.54
DLF	DLF-FRR 79	2.08	3.09	4.62	7.11	4.23	81.95	41.35	24.22
NexGen	ASC359	1.41	3.13	5.15	7.69	4.34	75.27	36.92	22.40
NexGen	ASC350	1.66	2.98	4.74	7.03	4.10	76.91	40.98	22.35
NexGen	ASC361	1.09	3.00	5.37	7.37	4.21	80.87	38.52	22.19
NexGen	ASC356	1.00	3.10	4.44	7.13	3.92	85.52	33.34	21.03
NexGen	ASC351	1.70	3.26	4.49	8.41	4.46	78.01	33.75	20.69
PPG	PPG-FRR 116	1.64	3.02	4.78	7.92	4.34	81.16	39.22	20.31
NexGen	ASC348	1.00	3.00	4.89	7.06	3.99	71.43	28.52	19.69
NexGen	ASC354	1.72	3.04	3.71	7.23	3.93	79.95	33.31	19.68
PPG	PPG-FRR 115	2.05	3.13	4.61	7.62	4.35	74.94	41.54	17.15
PPG	PPG-FRR 111	2.87	3.26	4.19	7.85	4.54	81.47	44.06	16.99
CHECK	Shademaster III	1.00	3.00	4.61	7.24	3.96	56.77	35.96	16.54
NexGen	ASC295	2.22	2.98	3.53	7.68	4.10	59.81	38.83	16.30
PST	PST-4SP14	1.00	3.24	4.71	7.44	4.10	66.63	36.49	15.57
PST	PST-4ED4	1.00	2.80	4.74	6.94	3.87	54.00	28.50	13.82
Rutgers	Z16-DRBM	2.26	2.87	5.02	8.13	4.57	75.68	38.73	13.69
DLF	DLF-FRR 77	1.58	2.47	3.64	7.65	3.84	58.03	32.62	12.89
CHECK	Lustrous	1.19	2.89	3.93	7.84	3.96	72.16	34.60	12.57
PST	Xeric	1.00	3.00	4.20	7.21	3.85	55.38	31.23	11.59
Rutgers	Z16-DRBM2X	1.00	2.81	4.76	6.98	3.89	55.68	35.95	11.30
NexGen	ASC347	1.00	3.12	4.43	8.02	4.14	64.38	32.55	9.49
PST	PST-4BEN	1.00	2.96	4.14	7.94	4.01	56.36	32.23	9.01
CHECK	Boreal	1.00	2.28	4.04	6.42	3.43	49.78	16.52	8.98
PST	PST-4RUE	1.00	3.11	4.84	7.26	4.05	60.37	33.13	8.55
DLF	DLF-FRR 76	1.00	2.09	4.24	6.45	3.44	45.23	16.00	7.61
PPG	PPG-FRR 114	1.00	2.58	4.42	6.94	3.73	51.77	29.33	7.46
PST	PST-4DR4	1.00	3.04	4.77	5.79	3.65	55.50	36.28	7.18
DLF	DLF-FRR 72 M2	1.00	2.39	5.28	7.23	3.97	41.18	30.50	5.32
DLF	DLF-FRR 75	1.00	2.45	4.19	6.42	3.51	38.84	20.55	3.82
	CV	31.11	7.99	16.85	14.63	9.03	19.58	10.89	8.67
	LSD (0.05)	1.39	0.32	0.83	1.49	0.53	18.22	6.50	8.75

2018 Cover = 1-9; 9=Most Cover (1 rating: June 3, 2018)

2018 Genetic Color = 1-9; 9=Darkest (1 rating: June 3, 2018)

2018 Density = 1-9; 9=Most Dense (1 rating: June 3, 2018)

2018 Uniformity = 1-9; 9=Best (1 rating: June 3, 2018)

2018 Turf Quality = 1-9; 9=Best (1 rating: June 3, 2018)

2018 Green-Up = Percent cover (1 rating: Oct. 29, 2018)

2018 Average Percent Cover = % (2 ratings)

2018 Average Summer Stress = Percent cover (4 ratings)

CTBT: 2017 Trial - 17CTFF12
 Fine Fescue Turf Trial
 Location: Albany, OR
 Cooperator: Kenneth Hignight

2018 Data

		Objective Data						
SPONSOR	CULTIVAR	Average Percent Cover 2018	Average Cover 2018	Average Genetic Color 2018	Average Density 2018	Average Uniformity 2018	Average Drought Stress 2018	Average Turf Quality 2018
Chewings Fescue								
DLF	DLF-FRC 50	94.67	7.58	3.88	3.56	7.70	47.87	5.68
DLF	DLF-FRC 54	91.18	6.65	3.41	3.95	7.47	36.62	5.37
DLF	DLF-FRC 51	89.96	6.32	3.53	4.15	7.41	32.41	5.36
PPG	PPG-FRC 113	90.51	6.47	3.51	3.41	7.76	53.86	5.28
Rutgers	Z16-RCF	92.86	7.10	3.44	3.71	6.79	54.72	5.26
CHECK	Culumbra II	89.96	6.33	3.89	3.80	7.03	45.72	5.26
CHECK	Radar	89.84	6.29	3.43	3.77	7.52	35.22	5.25
CHECK	Sonar	90.43	6.45	3.63	3.82	6.78	46.91	5.17
PPG	PPG-FRC 120	89.56	6.22	3.55	4.18	6.69	48.86	5.16
NexGen	ACF314	90.33	6.42	3.51	3.97	6.69	49.44	5.15
NexGen	ACF328	89.61	6.23	3.76	3.91	6.37	45.34	5.07
PPG	PPG-FRC 118	89.68	6.25	3.45	3.81	6.73	48.84	5.06
NexGen	ACF303	87.54	5.68	3.70	3.60	7.00	42.72	4.99
CHECK	Survivor	87.12	5.57	3.53	3.83	6.21	36.63	4.79
NexGen	ACF327	83.55	4.61	3.58	4.23	6.55	17.89	4.74
CHECK	Koket	83.36	4.56	2.83	3.85	7.19	15.08	4.61
PST	PST-4SWT	85.29	5.07	3.29	2.97	6.53	51.59	4.47
NexGen	ACF319	81.14	3.97	3.90	4.29	5.31	28.06	4.37
NexGen	ACF309	80.57	3.82	3.40	3.82	5.98	22.61	4.25
DLF	DLF-FRC 52	78.58	3.40	3.64	3.95	5.68	38.69	4.17
Hard & Sheep Fescues								
PPG	PPG-FL 115	89.51	6.20	3.81	4.42	7.25	41.68	5.42
DLF	DLF-FL 63	88.68	5.98	3.85	4.86	6.87	49.10	5.39
DLF	DLF-FL 53 M3	87.26	5.60	4.06	4.88	6.69	33.55	5.31
PST	PST-4GUD	93.15	7.17	5.30	3.77	4.87	64.18	5.28
PPG	PPG-FL 113	89.23	6.13	3.83	4.67	6.48	28.72	5.28
Rutgers	Z16-RHF	86.83	5.49	3.71	4.61	7.15	32.19	5.24
DLF	DLF-FL 54 M3	84.64	4.90	3.61	4.86	6.66	31.49	5.01
DLF	DLF-FL 64	82.66	4.38	3.69	4.70	6.27	36.07	4.76
PST	PST-4BND	80.69	3.99	3.76	4.31	5.87	21.30	4.48
NexGen	AHF225	79.95	3.65	3.46	4.61	6.07	30.14	4.45
CHECK	SR 3150	75.94	2.73	3.13	4.06	7.66	22.31	4.39
NexGen	AHF205	77.20	2.95	3.51	3.93	6.91	27.26	4.32
CHECK	Beacon	79.93	3.65	3.20	4.12	6.16	21.76	4.28
NexGen	AHF218	77.61	3.17	3.43	4.58	5.78	20.34	4.24
CHECK	Bighorn GT	67.55	1.33	4.25	4.62	6.69	31.73	4.22
NexGen	AHF222	71.73	1.78	3.29	4.78	6.34	16.30	4.05
NexGen	AHF211	70.23	1.49	3.29	5.04	6.17	17.53	4.00
CHECK	Eureka II	61.51	1.14	3.79	4.40	6.18	18.92	3.87
PPG	PPG-FO 102	69.20	2.00	3.38	3.51	4.93	44.29	3.46
Slender Red Fescue								
CHECK	Seabreeze GT	89.01	6.07	3.15	3.50	7.68	55.02	5.10
CHECK	SeaMist	87.98	5.79	2.96	3.40	7.25	33.04	4.85
NexGen	ASR175	81.78	4.14	3.51	4.95	6.19	29.99	4.70
NexGen	ASR197	80.80	3.88	3.21	3.63	7.57	23.33	4.57
Strong Red Fescue								
PPG	PPG-FRR 115	87.34	5.63	4.22	7.35	7.06	38.37	6.07
DLF	DLF-FRR 79	85.79	5.21	4.10	6.80	6.54	43.63	5.66
PST	PST-4BEN	85.19	5.05	4.19	7.11	6.21	38.10	5.64
NexGen	ASC362	81.77	4.14	4.00	7.69	6.71	39.37	5.64
PPG	PPG-FRR 114	85.21	5.06	3.69	6.17	7.52	25.35	5.61

		Objective Data						
SPONSOR	CULTIVAR	Average Percent Cover 2018	Average Cover 2018	Average Genetic Color 2018	Average Density 2018	Average Uniformity 2018	Average Drought Stress 2018	Average Turf Quality 2018
CHECK	Shademaster III	85.12	5.03	3.81	6.18	7.32	45.20	5.58
PPG	PPG-FRR 111	82.70	4.39	4.25	7.12	6.42	36.10	5.54
NexGen	ASC350	82.83	4.42	3.88	6.79	6.92	33.72	5.51
CHECK	Lustrous	83.01	4.47	3.98	6.50	6.99	34.40	5.48
NexGen	ASC295	90.71	6.52	3.92	4.42	7.04	42.36	5.47
NexGen	ASC347	82.56	4.35	4.20	6.39	6.91	28.06	5.46
PST	PST-4ED4	81.89	4.17	3.82	6.82	7.00	40.19	5.45
NexGen	ASC361	80.86	3.90	4.11	7.30	6.44	24.84	5.44
Rutgers	Z16-DRBM2X	81.20	4.15	3.79	6.85	6.94	26.08	5.43
DLF	DLF-FRR 77	85.64	5.17	3.57	5.46	7.46	41.39	5.42
NexGen	ASC354	77.58	3.09	4.02	7.15	7.00	17.29	5.32
DLF	DLF-FRR 72 M2	82.05	4.21	3.57	7.07	6.37	33.04	5.30
NexGen	ASC359	79.15	3.44	4.00	7.88	5.89	30.94	5.30
PST	PST-4CR7	83.09	4.49	3.75	6.59	6.34	50.44	5.30
NexGen	ASC351	78.76	3.34	4.10	6.62	7.09	29.15	5.29
PST	PST-4DR4	82.66	4.38	3.89	6.46	6.19	38.62	5.23
PPG	PPG-FRR 116	80.66	3.84	4.03	7.27	5.78	27.70	5.23
Rutgers	Z16-DRBM	80.04	3.67	3.74	6.80	6.21	22.89	5.11
PST	Xeric	79.12	3.43	3.89	6.66	5.94	35.58	4.98
PST	PST-4RUE	73.88	2.25	4.07	6.77	6.84	26.37	4.98
NexGen	ASC356	78.89	3.37	3.96	6.44	6.09	30.85	4.97
PST	PST-4SP14	79.04	3.41	3.81	6.18	6.43	36.81	4.96
NexGen	ASC348	72.89	2.00	3.91	6.94	6.42	24.65	4.82
DLF	DLF-FRR 76	72.60	2.23	3.18	6.91	6.62	18.19	4.74
DLF	DLF-FRR 75	75.83	2.72	3.46	6.51	6.09	20.82	4.70
CHECK	Boreal	73.68	2.49	3.27	5.99	6.74	19.40	4.62
PST	PST-4GRP	71.53	2.27	4.68	5.90	4.22	49.66	4.26
	CV	3.99	17.82	4.17	5.87	13.85		6.57
	LSD (0.05)	4.45	1.08	0.21	0.41	1.24		0.44

2018 Average Percent Cover = % Cover (4 ratings)

2018 Average Cover = 1-9; 9=Most Cover (4 ratings)

2018 Average Genetic Color = 1-9; 9=Darkest (4 ratings)

2018 Average Density = 1-9; 9=Most Dense (4 ratings)

2018 Average Uniformity = 1-9; 9=Most Uniform (4 ratings)

2018 Average Drought Stress = Percent Cover (3 ratings)

2018 Average Turf Quality = 1-9; 9=Best (4 ratings)

CTBT: 2015 Trial - 15CTFA11
 Tall Fescue Turf Trial
 Location: Canby, OR
 Cooperator: Crystal Fricker

2018 Data

SPONSOR	CULTIVAR	Subjective Data			
		Average Turf Quality	Average Turf Quality	Average Turf Quality	Average Turf Quality
		2016	2017	2018	2016-2018
DLFPS	DLFPS-TF/3539	6.07	6.00	7.17	6.41
Rutgers	WATKINS	6.47	6.08	6.58	6.38
PPG	PPG-TF 234	6.13	6.42	6.42	6.32
NexGen	ATF1576	5.93	6.92	6.00	6.28
PST	PST-5DZP	6.00	6.58	6.08	6.22
DLFPS	DLFPS-TF/3542	5.73	5.83	7.00	6.19
DLFPS	DLFPS-TF/3543	5.67	6.25	6.42	6.11
PPG	PPG-TF 176	6.40	6.33	5.58	6.10
PPG	PPG-TF 231	6.33	5.75	6.17	6.08
PST	PST-53D2	5.73	6.25	6.17	6.05
PPG	PPG-TF 229	6.20	5.75	6.17	6.04
PPG	PPG-TF 178	6.00	6.08	5.92	6.00
NexGen	Rebel Exeda	6.07	6.17	5.75	5.99
Rutgers	3N2	6.07	6.08	5.83	5.99
PPG	PPG-TF 232	6.33	5.75	5.83	5.97
PST	Lifeguard	5.80	5.25	6.83	5.96
DLFPS	DLFPS-TF/3550	6.53	6.08	5.25	5.96
DLFPS	DLFPS-TF/3545	5.47	6.25	6.00	5.91
PPG	PPG-TF 177	5.87	6.17	5.67	5.90
PST	PST-5DAW-15	5.53	5.92	6.17	5.87
PPG	PPG-TF 154	5.27	6.67	5.67	5.87
PST	PST-5SQB	6.13	5.50	5.92	5.85
DLFPS	Rebounder	5.73	6.42	5.33	5.83
PST	PST-SYN-5WAB-15	5.53	5.83	6.00	5.79
Rutgers	304	5.53	5.83	5.92	5.76
PST	PST-5BP0	6.07	5.92	5.17	5.72
DLFPS	DLFPS-TF/3538	5.73	5.67	5.58	5.66
PST	PST-5T24	6.07	5.75	5.00	5.60
DLFPS	DLFPS-TF/3548	5.20	6.25	5.33	5.60
PST	PST-5BRK	5.33	5.50	5.92	5.58
Rutgers	3B2	5.67	5.50	5.58	5.58
NexGen	South Fork (ATF1738)	5.80	5.33	5.58	5.57
PST	PST-5STAR	6.00	5.42	5.25	5.55
Rutgers	3N1	5.47	5.58	5.58	5.54
PPG	PPG-TF 153	5.33	5.75	5.50	5.53
NexGen	ATF1594	5.67	5.25	5.50	5.47
DLFPS	DLFPS-TF/3540	6.00	5.08	5.33	5.47
PPG	Titanium 2LS	5.73	5.67	5.00	5.46
DLFPS	DLFPS-TF/3544	5.27	5.50	5.58	5.45
NexGen	ATF1835	5.40	5.58	5.33	5.44
DLFPS	DLFPS-TF/3552	5.73	5.50	5.08	5.44
DLFPS	Fayette	5.40	5.33	5.58	5.44
NexGen	Rebel V (ATF1736)	5.47	5.08	5.58	5.38
DLFPS	Firewall	5.87	5.42	4.83	5.37
DLFPS	DLFPS-TF/3551	5.60	5.58	4.92	5.37

SPONSOR	CULTIVAR	Subjective Data			
		Average Turf Quality	Average Turf Quality	Average Turf Quality	Average Turf Quality
		2016	2017	2018	2016-2018
PST	Saltillo	5.33	5.42	5.33	5.36
NexGen	ATF1587	5.80	4.83	5.42	5.35
DLFPS	DLFPS-TF/3541	5.87	5.33	4.83	5.35
PPG	PPG-TF 174	5.00	5.58	5.42	5.33
NexGen	ATF1591	4.80	5.50	5.67	5.32
DLFPS	Bloodhound	6.00	5.00	4.92	5.31
PST	PST-5LYM	5.73	5.00	5.17	5.30
PST	PST-R511	5.53	5.33	5.00	5.29
NexGen	Springwood (ATF1599)	5.60	5.42	4.83	5.28
PST	PST-5MIK	5.40	6.00	4.42	5.27
NexGen	ATF1616	5.13	5.67	5.00	5.27
PST	PST-SYN-5YORK-15	5.47	5.25	5.08	5.27
PPG	PPG-TF 230	5.20	5.58	5.00	5.26
PST	PST-5MIN4	5.47	4.92	5.33	5.24
DLFPS	Bullseye	4.47	5.58	5.50	5.18
NexGen	ATF1836	5.27	5.42	4.83	5.17
DLFPS	DLFPS-TF/3553	5.07	5.75	4.67	5.16
DLFPS	Houndog 8	5.53	5.33	4.58	5.15
NexGen	ATF1900	5.33	5.67	4.42	5.14
DLFPS	DLFPS-TF/3546	5.27	5.50	4.50	5.09
PST	PST-5MINI	5.87	5.00	4.33	5.07
NexGen	ATF1831	4.80	5.17	5.17	5.05
NexGen	ATF1838	5.00	5.42	4.67	5.03
NexGen	ATF1833	5.00	5.33	4.75	5.03
PST	PST-5DR	5.40	5.50	4.17	5.02
PST	Gazelle II	5.27	5.25	4.50	5.00
DLFPS	Turfway	5.07	4.83	5.08	5.00
DLFPS	DLFPS-TF/3547	5.67	5.08	4.08	4.94
PPG	PPG-TF 155	4.60	4.92	5.25	4.92
NexGen	ATF1601	4.93	4.08	5.75	4.92
NexGen	ATF1574	4.87	5.00	4.83	4.90
DLFPS	DLFPS-TF/3549	4.93	5.75	4.00	4.89
DLFPS	Rowdy	5.40	4.83	4.42	4.88
NexGen	Six Point	4.80	5.25	4.58	4.88
PPG	Avenger II	5.27	5.33	4.00	4.87
PST	Tar Heel II	5.33	4.33	4.92	4.86
NexGen	ATF1467	5.07	5.50	4.00	4.85
NexGen	ATF1572	4.87	5.00	4.58	4.82
PPG	Stingray	4.93	4.42	5.08	4.81
NexGen	ATF1832	4.67	5.00	4.75	4.80
PST	Rain Dance	5.13	4.25	4.83	4.74
NexGen	ATF1585	4.60	4.50	4.58	4.56
PST	PST-5EX2	4.73	4.67	4.25	4.55
NexGen	ATF1552	4.60	4.50	4.50	4.53
NexGen	ATF1617	4.87	4.00	4.58	4.48
NexGen	ATF1829	4.73	4.25	4.33	4.44
DLFPS	KY-31 E+	3.07	2.67	2.50	2.75
	CV	10.55	13.01	18.88	10.32
	LSD (0.05)	0.78	0.96	1.33	0.75

2016 Average Turf Quality = 1-9; 9=Best (5 ratings)
2017 Average Turf Quality = 1-9; 9=Best (4 ratings)

2018 Average Turf Quality = 1-9; 9=Best (4 ratings)
2016-2018 Average Turf Quality = 1-9; 9=Best (13 ratings)

CTBT: 2017 Trial - 17CTFF11

Fine Fescue Turf Trial

Location: Canby, OR

2018 Data

Cooperator: Crystal Fricker

SPONSOR	CULTIVAR	Objective Data	Subjective Data		
		Percent Cover 2018	Summer Patch 2018	Winter Turf Quality 2018	Average Turf Quality 2018
Chewings Fescue					
Rutgers	Z16-RCF	97.60	9.00	6.67	6.86
CHECK	Radar	95.22	9.00	6.33	6.81
DLF	DLF-FRC 54	96.72	9.00	5.33	6.75
NexGen	ACF314	96.35	9.00	6.33	6.75
NexGen	ACF303	89.28	8.67	5.67	6.69
DLF	DLF-FRC 50	86.17	8.33	6.00	6.47
PPG	PPG-FRC 120	93.27	8.67	6.33	6.31
PPG	PPG-FRC 113	92.37	8.67	6.00	6.28
CHECK	Culumbra II	94.29	8.67	5.00	6.22
PPG	PPG-FRC 118	92.97	8.33	6.33	6.20
DLF	DLF-FRC 51	81.36	8.33	6.33	6.20
CHECK	Sonar	89.56	8.00	5.33	6.19
NexGen	ACF328	78.11	7.67	5.67	6.08
DLF	DLF-FRC 52	92.19	8.33	5.33	6.06
CHECK	Survivor	83.51	8.00	5.67	6.03
PST	PST-4SWT	92.74	8.33	5.00	5.97
NexGen	ACF327	72.28	8.00	5.33	5.86
NexGen	ACF319	76.88	7.33	4.67	5.75
NexGen	ACF309	86.66	8.33	4.00	5.75
CHECK	Koket	62.90	5.00	2.67	4.86
Hard & Sheep Fescues					
Rutgers	Z16-RHF	87.78	8.33	6.33	6.45
CHECK	Bighorn GT	94.21	8.67	6.00	6.25
PPG	PPG-FL 115	67.01	8.00	6.00	6.20
DLF	DLF-FL 54 M3	92.73	8.67	6.33	6.11
CHECK	SR 3150	90.54	8.67	5.33	6.00
DLF	DLF-FL 63	76.26	8.00	6.67	5.97
CHECK	Beacon	87.50	8.00	6.33	5.89
DLF	DLF-FL 53 M3	75.37	7.00	7.67	5.89
DLF	DLF-FL 64	74.75	8.00	5.00	5.78
PST	PST-4GUD	47.62	4.33	5.33	5.75
NexGen	AHF225	66.74	7.67	5.67	5.53
PPG	PPG-FL 113	42.60	5.00	5.00	5.20
NexGen	AHF211	60.06	6.33	4.33	5.19
NexGen	AHF205	51.44	5.67	5.00	5.11
PPG	PPG-FO 102	69.64	6.00	6.00	5.08
NexGen	AHF222	55.10	6.33	5.00	4.95
NexGen	AHF218	41.34	6.33	4.67	4.92
PST	PST-4BND	55.04	5.67	6.00	4.86
CHECK	Eureka II	66.20	6.67	5.67	4.75

SPONSOR	CULTIVAR	Objective Data	Subjective Data		
		Percent Cover 2018	Summer Patch 2018	Winter Turf Quality 2018	Average Turf Quality 2018
Slender Red Fescue					
CHECK	SeaMist	83.61	7.67	5.33	6.30
CHECK	Seabreeze GT	93.27	8.00	7.33	6.14
NexGen	ASR197	72.56	7.67	5.33	5.86
NexGen	ASR175	72.86	7.33	5.00	5.67
Strong Red Fescue					
DLF	DLF-FRR 77	88.37	8.67	5.33	6.72
PPG	PPG-FRR 115	91.90	8.67	6.67	6.58
PST	PST-4DR4	98.14	8.67	7.00	6.50
PST	PST-4CR7	94.01	8.67	6.33	6.44
PST	PST-4BEN	91.36	8.67	5.67	6.31
PST	Xeric	75.91	7.33	6.00	6.30
NexGen	ASC348	89.16	8.00	6.33	6.28
PPG	PPG-FRR 116	81.31	7.67	6.33	6.25
CHECK	Lustrous	72.42	7.67	5.67	6.20
NexGen	ASC362	73.46	7.67	6.33	6.11
CHECK	Shademaster III	85.82	8.00	6.00	6.08
NexGen	ASC359	71.98	7.67	5.67	6.00
PST	PST-4ED4	87.92	8.00	5.33	6.00
PST	PST-4SP14	96.48	8.33	6.67	5.95
Rutgers	Z16-DRBM	81.73	7.67	5.67	5.94
PPG	PPG-FRR 111	84.24	8.67	6.67	5.89
NexGen	ASC350	89.36	8.00	6.33	5.89
NexGen	ASC295	92.71	8.00	6.67	5.86
NexGen	ASC347	78.84	7.33	5.00	5.75
PST	PST-4RUE	83.60	8.33	5.67	5.75
DLF	DLF-FRR 72 M2	65.40	5.67	6.00	5.55
NexGen	ASC356	88.18	8.67	5.00	5.53
PPG	PPG-FRR 114	71.06	6.67	5.00	5.42
NexGen	ASC361	70.84	6.33	5.33	5.30
DLF	DLF-FRR 75	50.79	5.00	4.33	5.25
Rutgers	Z16-DRBM2X	59.29	6.33	4.00	5.08
NexGen	ASC351	61.46	6.00	4.33	4.67
DLF	DLF-FRR 79	78.52	7.67	4.33	4.58
DLF	DLF-FRR 76	58.04	4.67	3.33	4.47
NexGen	ASC354	44.74	3.67	4.67	4.42
CHECK	Shademaster III*	77.48	6.00	5.00	4.33
CHECK	Boreal	37.90	4.33	3.67	3.61
	CV	18.47	15.30	12.05	7.27
	LSD (0.05)	19.46	1.55	0.91	0.57

*PST-4GRP did not establish; re-seeded with Shademaster III

2018 Summer Patch Percent Cover = % cover NOT infected (1 rating: Aug. 8, 2018)

2018 Summer Patch = 1-9; 9=Least Damage (1 rating: Aug. 8, 2018)

2018 Winter Turf Quality = 1-9; 9=Best (1 rating: Dec. 19, 2018)

2018 Average Turf Quality = 1-9; 9=Best (12 ratings)

CTBT: 2014 Trial - 14CTKB14
 Kentucky Bluegrass Turf Trial
 Location: Blacksburg, VA
 Cooperator: Dr. Mike Goatley Jr.

2018 Data

		Subjective Data									
SPONSOR	CULTIVAR	Average Percent Cover 2015	Average Turf Quality 2015	Average Percent Cover 2016	Average Turf Quality 2016	Average Percent Cover 2017	Average Turf Quality 2017	Percent Cover 2018	Average Turf Quality 2018	Average Percent Cover 2015-2018	Average Turf Quality 2015-2018
DLF-Pick	A09-258	71.11	6.00	100.00	7.00	100.00	7.09	100.00	8.10	92.78	7.04
Rutgers	A04-68	68.33	6.72	100.00	6.83	100.00	6.59	100.00	7.95	92.08	7.02
PST	T10-18	67.78	6.81	100.00	7.05	100.00	6.59	100.00	7.52	91.95	6.99
Check	Bluenote	70.00	6.90	100.00	7.55	100.00	6.17	100.00	7.34	92.50	6.99
DLF-Pick	Keeneland	71.67	6.62	100.00	6.72	100.00	6.34	100.00	7.81	92.92	6.87
Check	Bewitched	67.78	6.28	100.00	6.67	100.00	6.75	100.00	7.62	91.94	6.83
NexGen	Deja Blue (AKB1193)	70.00	6.95	100.00	6.44	100.00	6.17	100.00	7.24	92.50	6.70
PST	Desert Moon	68.89	7.05	100.00	6.33	100.00	6.09	100.00	7.14	92.22	6.65
PPG	A98-1001	72.78	6.14	100.00	6.56	100.00	6.54	100.00	7.24	93.19	6.62
NexGen	Delta Blue (AKB2404)	72.22	6.48	100.00	6.22	100.00	6.09	100.00	7.38	93.06	6.54
NexGen	AKB2836	71.67	6.95	100.00	6.45	100.00	6.04	100.00	6.71	92.92	6.54
NexGen	AKB510	70.00	6.19	100.00	6.94	100.00	5.84	100.00	7.00	92.50	6.49
NexGen	Valley View (AKB2839)	71.67	6.38	100.00	6.39	100.00	6.21	100.00	6.86	92.92	6.46
PPG	A99-523	68.89	5.95	100.00	5.94	100.00	6.42	100.00	7.19	92.22	6.38
PPG	A10-1	66.67	6.24	100.00	6.22	100.00	6.09	100.00	6.95	91.67	6.37
NexGen	Apollo H2O	71.67	5.76	100.00	5.83	100.00	6.42	100.00	7.43	92.92	6.36
DLF-Pick	DDOKM	68.89	5.57	100.00	6.55	100.00	6.00	100.00	7.24	92.22	6.34
Check	Ken Blue	69.45	6.53	100.00	5.39	100.00	6.04	100.00	7.38	92.36	6.34
DLF-Pick	A10-5	71.67	5.10	100.00	6.00	100.00	6.75	100.00	7.48	92.92	6.33
DLF-Pick	Sombrero	69.44	6.62	100.00	5.50	100.00	6.13	100.00	7.00	92.36	6.31
PST	K13-143	72.22	6.67	100.00	6.44	100.00	5.50	100.00	6.43	93.05	6.26
Check	America	68.34	6.29	100.00	6.17	100.00	5.50	100.00	6.91	92.09	6.22
PST	K12-132	70.56	6.57	100.00	5.89	100.00	5.71	100.00	6.67	92.64	6.21
Rutgers	A06-671	67.78	6.47	100.00	5.83	100.00	5.42	100.00	7.10	91.95	6.21
DLF-Pick	Mercury	73.89	5.48	100.00	6.17	100.00	6.00	100.00	7.14	93.47	6.20
NexGen	Mystere H2O	67.78	5.86	100.00	5.78	100.00	5.96	100.00	7.14	91.95	6.18
DLF-Pick	Crest	70.00	6.95	100.00	6.28	100.00	4.88	100.00	6.38	92.50	6.12
PPG	A05-342	67.78	5.62	100.00	5.67	100.00	5.80	100.00	7.38	91.94	6.12
NexGen	Tejas (KH3492)	71.66	5.90	100.00	6.06	100.00	5.71	100.00	6.57	92.91	6.06
DLF-Pick	Rhapsody	71.11	6.05	100.00	5.67	100.00	5.79	100.00	6.72	92.78	6.06
PST	K10-107	67.78	6.57	100.00	6.11	100.00	4.96	100.00	6.53	91.94	6.04
Rutgers	A12-1	71.67	6.14	100.00	5.72	100.00	5.50	100.00	6.81	92.92	6.04
NexGen	AKB2403	70.56	6.29	100.00	5.50	100.00	5.59	100.00	6.76	92.64	6.03
Rutgers	A12-3	72.78	6.48	100.00	5.89	100.00	5.38	100.00	6.38	93.19	6.03
NexGen	AKB2949	73.89	6.10	100.00	5.78	100.00	5.29	100.00	6.95	93.47	6.03
PPG	A99-2897	68.89	5.48	100.00	5.89	100.00	6.00	100.00	6.71	92.22	6.02
Check	Mallard	69.44	5.91	100.00	5.94	100.00	5.63	100.00	6.57	92.36	6.01
PST	T14-40	68.89	6.81	100.00	6.28	100.00	5.38	100.00	5.52	92.22	6.00
DLF-Pick	Haromine	70.00	7.05	100.00	6.22	100.00	4.63	100.00	6.05	92.50	5.98
PST	T14-39	71.67	5.71	100.00	5.61	100.00	5.75	100.00	6.76	92.92	5.96

		Subjective Data									
SPONSOR	CULTIVAR	Average Percent Cover 2015	Average Turf Quality 2015	Average Percent Cover 2016	Average Turf Quality 2016	Average Percent Cover 2017	Average Turf Quality 2017	Percent Cover 2018	Average Turf Quality 2018	Average Percent Cover 2015-2018	Average Turf Quality 2015-2018
Check	Midnight	71.67	5.05	100.00	6.06	100.00	5.50	100.00	7.10	92.92	5.93
Check	Geronimo	68.34	6.33	100.00	6.17	100.00	4.83	100.00	6.24	92.09	5.89
Check	Touchdown	70.00	6.05	100.00	5.28	100.00	5.25	100.00	6.95	92.50	5.88
DLF-Pick	Spitfire	72.22	6.33	100.00	5.39	100.00	5.09	100.00	6.71	93.05	5.88
DLF-Pick	A08-3	68.89	5.48	100.00	6.00	100.00	5.21	100.00	6.81	92.22	5.87
PST	K14-155	71.67	6.48	100.00	6.06	100.00	4.67	100.00	6.28	92.92	5.87
PST	K13-139	65.55	6.05	100.00	5.78	100.00	5.25	100.00	6.38	91.39	5.86
Rutgers	Dauntless	72.22	5.76	100.00	5.39	100.00	5.13	100.00	6.76	93.05	5.76
DLF-Pick	TD-2	72.78	5.71	100.00	5.78	100.00	4.84	100.00	6.71	93.19	5.76
Check	Right	69.44	6.29	100.00	6.22	100.00	4.38	100.00	6.05	92.36	5.74
PST	K10-110	69.45	6.29	100.00	5.61	100.00	4.75	100.00	6.29	92.36	5.73
Check	Bedazzled	72.22	6.00	100.00	5.50	100.00	4.79	100.00	6.48	93.06	5.69
DLF-Pick	Crest 5K-12	70.00	5.91	100.00	5.78	100.00	5.21	100.00	5.81	92.50	5.67
NexGen	Conquistador (AKB1661)	70.56	5.24	100.00	5.28	100.00	5.38	100.00	6.67	92.64	5.64
Rutgers	A12-2	72.22	6.10	100.00	5.67	100.00	4.63	100.00	6.10	93.06	5.62
NexGen	AKB1162	72.22	5.14	100.00	5.67	100.00	5.09	100.00	6.48	93.06	5.59
PST	T14-37	72.22	5.52	100.00	5.83	100.00	5.09	100.00	5.90	93.06	5.59
DLF-Pick	TB 677	72.78	6.10	100.00	5.67	100.00	4.63	100.00	5.86	93.19	5.56
PST	K13-140	68.89	5.90	100.00	5.06	100.00	4.88	100.00	6.38	92.22	5.55
DLF-Pick	PST-K10-106D	71.67	6.52	100.00	6.28	95.00	4.25	98.33	5.14	91.25	5.55
NexGen	AKB2310	68.33	5.29	100.00	5.17	100.00	5.25	100.00	6.43	92.08	5.53
NexGen	AKB2313	69.44	4.71	100.00	5.00	100.00	5.80	100.00	6.57	92.36	5.52
NexGen	AKB434	70.00	5.57	100.00	5.61	100.00	4.63	100.00	6.19	92.50	5.50
NexGen	AKB1184	71.11	5.10	100.00	5.00	100.00	5.17	100.00	6.66	92.78	5.48
PST	K13-137	72.22	5.76	100.00	5.78	100.00	4.79	100.00	5.52	93.06	5.46
PPG	A06-2	68.33	5.71	100.00	5.11	100.00	4.96	100.00	6.00	92.08	5.45
DLF-Pick	TD-7	69.44	5.91	100.00	5.11	100.00	4.67	100.00	6.10	92.36	5.45
NexGen	Ridgeline	67.78	5.48	100.00	5.33	100.00	4.88	100.00	6.10	91.94	5.44
NexGen	AKB2120	68.89	5.67	100.00	5.61	91.67	4.38	93.33	6.10	88.47	5.44
PST	K13-141	71.67	5.62	100.00	5.72	100.00	4.54	100.00	5.86	92.92	5.44
PST	T12-31	71.11	6.19	100.00	6.00	100.00	4.21	100.00	5.29	92.78	5.42
PST	T10-22	72.22	7.24	100.00	6.50	100.00	3.71	100.00	4.19	93.06	5.41
NexGen	AKB1078	72.78	6.48	100.00	5.89	100.00	4.13	100.00	5.05	93.19	5.38
PST	K14-152	70.56	5.00	100.00	5.55	100.00	4.67	100.00	6.24	92.64	5.37
DLF-Pick	TD-8	71.67	6.09	100.00	5.66	100.00	4.38	100.00	5.28	92.92	5.35
Rutgers	A04-1381	71.11	5.81	100.00	4.83	100.00	4.42	100.00	6.34	92.78	5.35
PPG	A06-19	68.89	5.14	100.00	5.11	100.00	4.96	100.00	6.00	92.22	5.30
PPG	A06-3	68.89	5.52	100.00	5.67	94.17	4.46	95.00	5.43	89.52	5.27
NexGen	AKB2543	70.00	6.24	100.00	5.06	92.50	4.17	95.00	5.48	89.37	5.24
PPG	A08-2	70.56	4.76	100.00	5.22	88.33	4.71	90.00	6.15	87.22	5.21
DLF-Pick	PST-K9-103	73.33	5.72	100.00	5.61	100.00	4.21	100.00	5.14	93.33	5.17
DLF-Pick	A09-353	70.00	5.38	100.00	5.11	86.67	4.00	93.33	6.14	87.50	5.16
PST	K13-138	69.44	5.62	100.00	5.22	100.00	4.54	100.00	5.19	92.36	5.15
NexGen	AKB1764	68.33	5.52	100.00	5.78	100.00	4.42	100.00	4.86	92.08	5.15
DLF-Pick	A10-4	74.44	5.66	100.00	5.34	100.00	4.17	100.00	5.33	93.61	5.12

		Subjective Data									
SPONSOR	CULTIVAR	Average Percent Cover 2015	Average Turf Quality 2015	Average Percent Cover 2016	Average Turf Quality 2016	Average Percent Cover 2017	Average Turf Quality 2017	Percent Cover 2018	Average Turf Quality 2018	Average Percent Cover 2015-2018	Average Turf Quality 2015-2018
NexGen	AKB1892	70.00	4.91	100.00	4.83	100.00	4.92	100.00	5.67	92.50	5.08
Rutgers	A98-3366	71.11	6.38	100.00	5.22	91.67	3.71	93.33	4.91	89.03	5.06
PST	K14-146	69.44	5.29	100.00	4.95	100.00	4.33	100.00	5.52	92.36	5.02
PST	T14-38	71.11	5.19	100.00	5.00	100.00	4.42	100.00	5.10	92.78	4.93
PPG	A10-873	72.78	5.19	100.00	5.06	100.00	4.09	100.00	5.19	93.20	4.88
DLF-Pick	A06-643	66.67	5.95	100.00	5.33	100.00	3.38	100.00	4.38	91.67	4.76
PST	T14-36	72.22	6.00	100.00	4.89	91.67	3.50	93.33	4.29	89.30	4.67
PST	K11-125	67.78	5.05	100.00	4.61	100.00	4.17	100.00	4.81	91.95	4.66
NexGen	AKB1147	69.44	6.14	100.00	4.56	100.00	3.50	100.00	4.33	92.36	4.63
DLF-Pick	TD-4	75.00	5.76	100.00	5.00	100.00	3.63	100.00	3.86	93.75	4.56
PST	T13-34	68.33	4.71	100.00	4.50	100.00	3.79	100.00	5.19	92.08	4.55
DLF-Pick	TD-5	67.78	4.90	100.00	4.67	92.50	3.25	95.00	3.71	88.82	4.14
	CV	5.02	13.48	100.00	13.49	4.21	17.07	3.19	15.93	2.20	10.70
	LSD (0.05)	4.76	1.08	100.00	1.04	5.64	1.18	4.28	1.35	2.74	0.83

2015 Average Percent Cover = % (3 ratings)
 2015 Average Turf Quality = 1-9; 9=Best (7 ratings)
 2016 Average Percent Cover = % (2 ratings)
 2016 Average Turf Quality = 1-9; 9=Best (6 ratings)

2017 Average Percent Cover = % (2 ratings)
 2017 Average Turf Quality = 1-9; 9=Best (8 ratings)
 2018 Percent Cover = % (1 rating: May 15, 2018)
 2018 Average Turf Quality = 1-9; 9=Best (7 ratings)

2015-2018 Average Percent Cover = % (8 ratings)
 2015-2018 Average Turf Quality = 1-9; 9=Best (28 ratings)

CTBT: 2015 Trial - 15CTFA14

Tall Fescue Turf Trial

Location: Blacksburg, VA

Cooperator: Dr. Mike Goatley Jr.

2018 Data

		Subjective Data							
SPONSOR	CULTIVAR	Average Percent Cover 2016	Average Turf Quality 2016	Average Percent Cover 2017	Average Turf Quality 2017	Percent Cover 2018	Average Turf Quality 2018	Average Percent Cover 2016-2018	Average Turf Quality 2016-2018
PST	PST-5DR	75.00	7.61	100	7.84	100	7.90	90.00	7.79
PPG	Avenger II	78.33	7.89	100	7.63	100	7.52	91.33	7.68
Rutgers	3N1	73.33	7.61	100	7.67	100	7.76	89.33	7.68
DLFPS	DLFPS-TF/3548	73.33	7.39	100	7.67	100	7.86	89.33	7.63
PST	PST-5MIN4	75.00	7.61	100	7.46	100	7.67	90.00	7.58
DLFPS	DLFPS-TF/3538	73.33	7.33	100	7.58	100	7.81	89.33	7.58
Rutgers	3N2	71.67	7.50	100	7.46	100	7.76	88.67	7.58
PST	PST-5LYM	73.33	7.44	100	7.50	100	7.76	89.33	7.57
DLFPS	DLFPS-TF/3543	75.00	7.56	100	7.50	100	7.62	90.00	7.56
DLFPS	DLFPS-TF/3539	76.67	7.78	100	7.29	100	7.57	90.67	7.55
PST	Lifeguard	68.33	7.28	100	7.50	100	7.76	87.33	7.52
DLFPS	Rowdy	71.67	7.44	100	7.34	100	7.67	88.67	7.48
NexGen	Rebel V (ATF1736)	75.00	7.55	100	7.21	100	7.57	90.00	7.45
PST	PST-5DAW-15	70.00	7.22	100	7.50	100	7.57	88.00	7.43
PST	PST-SYN-5WAB-15	70.00	7.22	100	7.29	100	7.71	88.00	7.41
PST	PST-5MINI	68.33	7.11	100	7.42	100	7.67	87.33	7.40
PST	PST-SYN-5YORK-15	68.33	7.00	100	7.50	100	7.67	87.33	7.39
DLFPS	DLFPS-TF/3550	66.67	6.78	100	7.67	100	7.72	86.67	7.39
DLFPS	DLFPS-TF/3552	68.33	6.95	100	7.38	100	7.81	87.33	7.38
DLFPS	Houndog 8	70.00	7.11	100	7.25	100	7.76	88.00	7.38
Rutgers	304	71.67	7.22	100	7.34	100	7.57	88.67	7.38
DLFPS	Fayette	75.00	7.55	100	7.17	100	7.38	90.00	7.37
Rutgers	3B2	68.33	6.72	100	7.50	100	7.81	87.33	7.35
PST	PST-5SQB	70.00	7.28	100	7.09	100	7.67	88.00	7.34
PPG	PPG-TF 234	66.67	7.00	100	7.50	100	7.48	86.67	7.33
NexGen	ATF1552	70.00	7.17	100	7.13	100	7.67	88.00	7.32
NexGen	ATF1467	73.33	7.44	100	6.96	100	7.52	89.33	7.31
PPG	PPG-TF 232	63.33	6.83	100	7.34	100	7.76	85.33	7.31
PPG	PPG-TF 229	70.00	7.06	100	7.29	100	7.57	88.00	7.31
PPG	PPG-TF 230	71.67	7.16	100	7.38	100	7.38	88.67	7.31
PPG	PPG-TF 177	71.67	7.00	100	7.05	100	7.81	88.67	7.29
PPG	PPG-TF 231	63.33	6.78	100	7.38	100	7.67	85.33	7.27

		Subjective Data							
SPONSOR	CULTIVAR	Average Percent Cover 2016	Average Turf Quality 2016	Average Percent Cover 2017	Average Turf Quality 2017	Percent Cover 2018	Average Turf Quality 2018	Average Percent Cover 2016-2018	Average Turf Quality 2016-2018
DLFPS	DLFPS-TF/3553	66.67	6.89	100	7.17	100	7.72	86.67	7.26
PPG	Titanium 2LS	68.33	7.11	100	7.17	100	7.48	87.33	7.25
DLFPS	Firewall	70.00	7.28	100	7.00	100	7.48	88.00	7.25
PPG	PPG-TF 176	70.00	6.89	100	7.09	100	7.76	88.00	7.24
PPG	PPG-TF 178	73.33	7.34	100	6.92	100	7.43	89.33	7.23
PST	PST-5MIK	66.67	6.78	100	7.29	100	7.47	86.67	7.18
NexGen	ATF1829	65.00	6.78	100	7.21	100	7.48	86.00	7.16
NexGen	ATF1836	66.67	6.72	100	7.21	100	7.48	86.67	7.14
PST	PST-5T24	63.33	6.72	100	7.17	100	7.48	85.33	7.12
DLFPS	DLFPS-TF/3547	65.00	6.78	100	7.21	100	7.28	86.00	7.09
PST	PST-53D2	68.33	6.78	100	7.29	100	7.19	87.33	7.09
PST	PST-R511	65.00	6.83	100	7.00	100	7.43	86.00	7.09
PST	Gazelle II	66.67	6.78	100	6.71	100	7.62	86.67	7.04
DLFPS	DLFPS-TF/3540	65.00	6.84	100	7.08	100	7.19	86.00	7.04
DLFPS	DLFPS-TF/3542	63.33	6.67	100	7.00	100	7.43	85.33	7.04
DLFPS	DLFPS-TF/3549	58.33	6.28	100	7.21	100	7.62	83.33	7.04
PST	PST-5DZP	68.33	6.95	100	6.88	100	7.28	87.33	7.03
NexGen	ATF1576	63.33	6.44	100	7.13	100	7.48	85.33	7.02
Rutgers	WATKINS	61.67	6.39	100	7.13	100	7.52	84.67	7.01
DLFPS	Turfway	60.00	6.44	100	7.00	100	7.57	84.00	7.01
DLFPS	DLFPS-TF/3541	65.00	6.78	100	6.75	100	7.47	86.00	7.00
DLFPS	DLFPS-TF/3551	61.67	6.39	100	7.17	100	7.43	84.67	7.00
PPG	PPG-TF 154	70.00	7.00	100	6.84	100	7.14	88.00	6.99
PST	Rain Dance	66.67	6.72	100	6.96	100	7.24	86.67	6.97
NexGen	Six Point	65.00	6.67	100	7.00	100	7.24	86.00	6.97
NexGen	ATF1574	60.00	6.44	100	6.79	100	7.62	84.00	6.95
NexGen	South Fork (ATF1738)	63.33	6.56	100	7.09	100	7.19	85.33	6.94
NexGen	Springwood (ATF1599)	70.00	6.83	100	6.75	100	7.24	88.00	6.94
PST	PST-5EX2	63.33	6.50	100	6.80	100	7.43	85.33	6.91
NexGen	ATF1832	61.67	6.39	100	6.79	100	7.53	84.67	6.90
NexGen	Rebel Exeda	60.00	6.33	100	7.04	100	7.33	84.00	6.90
NexGen	ATF1831	65.00	6.50	100	6.79	100	7.38	86.00	6.90
PST	Saltillo	66.67	6.56	100	6.92	100	7.19	86.67	6.89
NexGen	ATF1835	63.33	6.50	100	6.84	100	7.33	85.33	6.89
PST	Tar Heel II	65.00	6.61	100	6.67	100	7.29	86.00	6.86
NexGen	ATF1572	66.67	6.83	100	6.63	100	7.05	86.67	6.83
DLFPS	Bloodhound	58.33	6.17	100	6.92	100	7.38	83.33	6.82

		Subjective Data							
SPONSOR	CULTIVAR	Average Percent Cover 2016	Average Turf Quality 2016	Average Percent Cover 2017	Average Turf Quality 2017	Percent Cover 2018	Average Turf Quality 2018	Average Percent Cover 2016-2018	Average Turf Quality 2016-2018
PST	PST-5BRK	65.00	6.39	100	6.79	100	7.24	86.00	6.81
NexGen	ATF1601	60.00	6.22	100	6.71	100	7.43	84.00	6.79
NexGen	ATF1838	60.00	6.22	100	6.75	100	7.38	84.00	6.78
DLFPS	Rebounder	56.67	6.05	100	7.08	100	7.19	82.67	6.78
PST	PST-5STAR	58.33	6.22	100	6.58	100	7.48	83.33	6.76
NexGen	ATF1616	56.67	5.89	100	6.80	100	7.57	82.67	6.75
PPG	PPG-TF 153	61.67	6.33	100	6.83	100	7.09	84.67	6.75
DLFPS	DLFPS-TF/3545	53.33	5.67	100	6.79	100	7.76	81.33	6.74
PPG	PPG-TF 155	60.00	6.11	100	6.88	100	7.24	84.00	6.74
NexGen	ATF1585	58.33	6.06	100	6.79	100	7.34	83.33	6.73
NexGen	ATF1833	60.00	6.05	100	6.79	100	7.33	84.00	6.73
PPG	PPG-TF 174	61.67	6.44	100	6.88	100	6.86	84.67	6.73
NexGen	ATF1900	68.33	6.83	100	6.92	100	6.34	87.33	6.70
NexGen	ATF1591	56.67	5.83	100	6.71	100	7.52	82.67	6.69
PST	PST-5BP0	60.00	6.22	100	6.88	100	6.90	84.00	6.67
DLFPS	DLFPS-TF/3544	60.00	6.28	100	6.50	100	7.19	84.00	6.66
DLFPS	DLFPS-TF/3546	60.00	6.06	100	6.50	100	7.10	84.00	6.55
DLFPS	Bullseye	48.33	5.28	100	6.88	100	7.33	79.33	6.50
NexGen	ATF1617	55.00	5.72	100	6.13	100	7.19	82.00	6.35
NexGen	ATF1594	58.33	6.00	100	6.21	100	6.67	83.33	6.29
NexGen	ATF1587	51.67	5.39	100	6.42	100	6.76	80.67	6.19
PPG	Stingray	55.00	5.56	100	5.96	100	6.57	82.00	6.03
DLFPS	KY-31 E+	51.67	5.22	100	5.67	100	5.67	80.67	5.52
	CV	10.18	9.09	5.97	5.97	5.97	4.93	3.09	5.00
	LSD (0.05)	9.00	0.82	0.57	0.57	0.57	0.49	3.60	0.48

2016 Average Percent Cover = % (2 ratings)

2016 Average Turf Quality = 1-9; 9=Best (6 ratings)

2017 Average Percent Cover = % (2 ratings)

2017 Average Turf Quality = 1-9; 9=Best (8 ratings)

2018 Percent Cover = % (1 rating: May 15, 2018)

2018 Average Turf Quality = 1-9; 9=Best (7 ratings)

2016-2018 Average Percent Cover = % (5 ratings)

2016-2018 Average Turf Quality = 1-9; 9=Best (21 ratings)

2014 Kentucky Bluegrass Site Management

Site	Fertility (lbs / 1,000 ft ²)			Soil Type	pH	Mow Height Inches	Irrigation	Fungicides	Herbicides	Trial Type	Other
	N	P	K								
Maryland College Park	2.0	0.0	0.0	-----	---	2.0	Prevent Severe Stress	None	None	Full Sun	
Virginia Blacksburg	2.0	0.0	0.0	Sandy Clay	6.1	3.0	Prevent Stress	None	Pendimethalin	Sun	50# Lime

2015 Tall Fescue Site Management

Site	Fertility (lbs / 1,000 ft ²)			Soil Type	pH	Mow Height Inches	Irrigation	Fungicides	Herbicides	Trial Type	Other
	N	P	K								
Arkansas Fayetteville	4.0	0.0	0.0	Captina Silt Loam	6.2	1.5	Prevent Stress	Segway, Subdue	Prodiamine	Full Sun	
Maryland College Park	2.0	0.0	0.0	-----	---	2.0	Prevent Severe Stress	None	None	Full Sun	
Oregon Canby	3.5	0.0	0.0	Woodburn Silty Clay Loam	5.6	2.0	Prevent Stress	None	Latigo, Full Deck, Direx, Moss Out	Shade	
Oregon Philomath	2.5	0.4	0.4	Woodburn Silt Loam	5.0	1.5	Prevent Stress	None	None	Full Sun	
Virginia Blacksburg	2.0	0.0	0.0	Sandy Clay	6.1	3.0	Prevent Stress	None	Pendimethalin	Sun	50# Lime

2017 Fine Fescue Site Management

Site	Fertility (lbs / 1,000 ft ²)			Soil Type	pH	Mow Height Inches	Irrigation	Fungicides	Herbicides	Trial Type	Other
	N	P	K								
Arkansas Fayetteville	4.0	0.0	0.0	Captina Silt Loam	6.2	1.5	Prevent Stress	Segway, Subdue	Prodiamine	Full Sun	
Illinois Urbana	2.25	0.0	0.5	Silt Loam and Silt	6.3	2.0	Prevent Stress	None	None	Full Sun	
Illinois West Lafayette	0.0	0.0	0.0	Silt Loam Clay Loam	6.3	2.0	Prevent Stress	As needed	As needed	Full Sun	
Maryland College Park	0.0	0.0	0.0	-----	---	4.0	Prevent Stress	As needed	As needed	Full Sun	
Minnesota St. Paul	0.57	0.0	0.0	Wakegan Silt Loam	7.3	2.5	Prevent Stress	None	None	Full Sun	
New Jersey Adelphia	2.25	0.0	0.0	Sandy Loam	6.1	1.5	Prevent Severe Stress	None	Dimension, Merit, Starane Ultra, Banvel, 2,4-D	Full Sun	
New Jersey Salem	3.0	0.5	2.0	Silt Loam	6.3	2.5	Prevent Stress	None	Barricade, 2,4-D, Confident	Full Sun	
Oregon Albany	3.75	1.83	4.42	Silt Loam	5.0	1.5	None	Quadris	Rifle, Poast, 2,4-D	Drought	
Oregon Canby	4.0	0.75	1.1	Woodburn Silty Clay Loam	5.6	2.0	Prevent Stress	None	Poast	Low Mow	
Virginia Blacksburg	0.0	0.0	0.0	Sandy Clay	6.1	3.0	Prevent Stress	As needed	As needed	Full Sun	