

National Turfgrass Evaluation Program (NTEP) 2000 Kentucky Bluegrass Variety Trial

Poa Annua Ingress to Differential Height of Cut

2010 Final Progress Report

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The National Turfgrass Evaluation Program sponsors variety trials throughout the continental U. S. and Canada using uniform testing procedures. The objective is to evaluate and identify cultivars (varieties) that perform best under the different and diverse environmental conditions (climatic, soil, and cultural) associated with the many NTEP locations cooperating as part of the program. NTEP publishes annual reports that summarize the results collected at the 25 or more NTEP sites such as the University of Massachusetts. The NTEP data is made available on line at www.ntep.org and is used by turfgrass specialist and practitioners to help recommend and select varieties that grow best at their specific location. NTEP evaluates turfgrasses adapted to both cool-season (northern latitudes) and warm-season (southern latitudes) areas.

The 2000 Kentucky bluegrass variety trial plots were seeded from October 10 to 16, 2000. There are 173 varieties represented in the test including 3 replications for each entry (variety) for a grand total of 519 plots. The ingress of annual bluegrass (*Poa annua*) percent encroachment ratings (0 to 100%) were taken at differential height of cut (1.25 versus 0.5 inch) in 2007 through 2010 and is reported in Table 4. Overall averages across all years by height of cut are reported in Table 5.

Recommendation:

The ingress of *Poa annua* increased (more than doubled) from 14.1 to 29.3% as height of cut decreased from 1.25 to 0.5 inch. Only Limousine provided “excellent” resistance to *Poa annua* ($\leq 5.0\%$ *Poa*) based on 4-averages across both heights of cut while Apollo, Blackstone, Eagleton, Julius, Nu Glade, P-105, Rambo and Serene exhibited “good” resistance to the ingress of *Poa annua* ($>5\%$ to $\leq 10\%$ *Poa*) (Table 5). Julius, Limousine and P-105 were the only entries to provide “good” *Poa annua* resistance at 0.5-inch height of cut.

Entry numbers, variety names, and plot-plans are included in this report.

Cultural Practices:

- **Mowing height:** 0.5 and 1.25 inches with reel mower, 3 mowings per week.
- **Fertility:** 3.5 lbs N/1,000 ft²/year.
- **Irrigation:** none.
- **Fungicides:** none.



RIVER ROAD

TURF - FARM FENCE

2000 NATIONAL TURFGRASS EVALUATION PROGRAM KENTUCKY BLUEGRASS VARIETY TRIAL
1/2 inch HOC

Block C	Block B	Block A
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2000 NATIONAL TURFGRASS EVALUATION PROGRAM KENTUCKY BLUEGRASS VARIETY TRIAL

BLOCK A

PLOT PLAN

ENTRY NUMBER

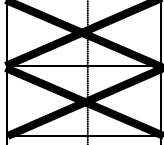
$\frac{1}{2}$ inch HOC

$\frac{1}{2}$ inch HOC

$\frac{1}{2}$ inch HOC

$\frac{1}{2}$ inch HOC

6 ft

	141	21	93	7	57	6	85	52	46	119	78	112	146	70	59	68	49	40	159	97	19	170		
																								
109																								
87	53	131	151	121	114	133	64	105	167	162	65	81	145	71	39	152	139	67	77	149	168	96	172	
156	164	113	60	115	84	14	104	76	143	36	29	158	20	122	24	38	98	32	80	56	124	22	31	1
127	106	8	45	123	16	129	91	150	153	15	63	171	83	54	13	2	75	116	140	89	88	144	50	35
107	73	69	117	138	128	154	137	130	155	37	169	79	125	99	120	33	110	28	148	157	142	5	58	161
25	27	135	90	126	30	18	4	173	163	66	160	92	166	12	74	48	42	47	95	86	147	72	17	111
23	51	136	100	108	62	3	82	55	118	94	10	11	43	41	34	103	134	102	132	101	165	26	44	61

3 ft

2000 NATIONAL TURFGRASS EVALUATION PROGRAM KENTUCKY BLUEGRASS VARIETY TRIAL

BLOCK B										PLOT PLAN										ENTRY NUMBER														
143	39	18	60	137	110	48	125	171	84	111	69	47	159	144	122	100	57	85	81	145	26	6												
92	134	82	106	28	115	52	22	162	124	66	44	108	139	126	41	43	95	97	90	67	71	16	73	121										
1	155	136	31	87	50	62	21	158	10	150	9	152	109	91	129	45	147	29	154	5	33	96	79	88										
51	113	12	80	30	77	59	138	20	169	74	8	112	119	127	146	2	103	148	98	170	68	94	63	15										
11	114	173	166	168	167	157	14	165	132	17	172	27	86	107	70	133	130	163	78	46	61	135	118	140										
76	32	153	128	142	53	64	42	120	117	104	65	164	93	35	24	89	40	49	102	116	161	13	54	38										
105	141	151	156	34	3	23	160	75	123	149	37	56	36	55	83	25	19	72	58	131	7	101	99	4										

1/2 inch HOC

1/2 inch HOC

1/2 inch HOC

1/2 inch HOC

6 ft

3 ft

2000 NATIONAL TURFGRASS EVALUATION PROGRAM KENTUCKY BLUEGRASS VARIETY TRIAL

BLOCK C										PLOT PLAN										ENTRY NUMBER			1/2 inch HOC				
48	9	2	47	72	19	126	133	63	168	87	145	93	154	17	41	43	40	7	97	116	163	86	X			1/2 inch HOC	
96	132	157	122	68	58	123	38	98	166	36	110	138	70	170	6	131	102	53	3	5	164	12	108	160			
54	119	121	78	144	91	83	27	14	18	172	77	23	153	59	150	8	20	140	85	115	136	49	118	95			
134	31	173	1	105	159	113	39	10	76	158	69	169	24	149	90	13	141	84	34	165	106	33	66	99			
65	127	61	71	22	21	112	100	28	82	151	62	117	103	46	56	167	155	25	4	73	161	81	120	146			
94	171	107	143	92	64	45	55	52	79	11	37	32	137	35	101	128	51	75	130	89	109	104	42	88			
29	74	114	129	142	125	152	139	111	15	135	57	67	162	148	60	26	147	156	30	16	80	50	44	124			

3 ft

6 ft

Table 4. 2000 NTEP Kentucky Bluegrass Trial: Yearly Percent Poa.

Entry Number Name‡	1.25 inch HOC				0.5 inch HOC			
	2007	2008	2009	2010	2007	2008	2009	2010
1. Midnight*	13.3	13.3	3.3	18.3	10.0	23.3	11.7	30.0
2. Baron*	20.0	16.7	3.3	21.7	46.7	26.7	5.0	43.3
3. Lily	13.3	20.0	5.0	20.0	40.0	46.7	11.7	60.0
4. Limerick	23.3	23.3	11.7	13.3	40.0	33.3	5.0	31.7
5. Bodacious*	36.7	26.7	3.3	5.0	20.0	40.0	11.7	43.3
6. Bedazzled*	13.3	5.0	1.7	1.7	26.7	40.0	11.7	36.7
7. Boomerang*	36.7	30.0	13.3	20.0	43.3	50.0	26.7	80.0
8. Eagleton*	10.0	6.7	0.0	1.7	10.0	13.3	1.7	28.3
9. HV 140	30.0	13.3	1.7	23.3	23.3	33.3	6.7	43.3
10. Cheetah*	16.7	16.7	5.0	16.7	26.7	40.0	21.7	46.7
11. Pp H 6366	10.0	6.7	5.0	5.0	13.3	16.7	5.0	33.3
12. Pp H 7929	26.7	40.0	13.3	20.0	40.0	50.0	15.0	70.0
13. Pp H 7832	16.7	20.0	5.0	13.3	33.3	43.3	18.3	55.0
14. Pp H 7907	40.0	21.7	5.0	13.3	23.3	33.3	10.0	36.7
15. Monte Carlo*	20.0	21.7	6.7	21.7	40.0	40.0	15.0	53.3
16. Royale*	30.0	23.3	10.0	15.0	46.7	43.3	20.0	53.3
17. Shamrock*	26.7	20.0	11.7	16.7	46.7	46.7	20.0	60.0
18. Wellington*	33.3	30.0	8.3	16.7	43.3	43.3	15.0	50.0
19. Wildwood*	16.7	18.3	5.0	21.7	20.0	33.3	13.3	43.3
20. Hallmark*	10.0	18.3	3.3	16.7	16.7	23.3	6.7	31.7
21. Lakeshore*	23.3	26.7	3.3	5.0	26.7	40.0	15.0	36.7
22. Glenmont*	20.0	36.7	6.7	6.7	13.3	43.3	11.7	23.3
23. Coventry*	20.0	20.0	3.3	11.7	26.7	36.7	18.3	56.7
24. Avalanche*	10.0	13.3	3.3	23.3	10.0	10.0	5.0	48.3
25. PST-B5-125	16.7	23.3	6.7	16.7	20.0	33.3	15.0	43.3
26. PST-604	36.7	13.3	6.7	13.3	46.7	40.0	26.7	56.7
27. PST-108-79	20.0	26.7	5.0	8.3	26.7	40.0	30.0	53.3
28. Voyager II*	6.7	16.7	5.0	16.7	20.0	33.3	8.3	36.7
29. PST-161	26.7	11.7	11.7	10.0	16.7	30.0	5.0	30.0
30. Bluemax*	30.0	33.3	8.3	23.3	43.3	43.3	23.3	43.3
31. Brilliant*	13.3	15.0	8.3	10.0	16.7	30.0	15.0	26.7
32. PST-222	23.3	30.0	10.0	20.0	40.0	43.3	23.3	50.0
33. Midnight II*	6.7	10.0	5.0	10.0	10.0	21.7	5.0	28.3
34. PST York Harbor	33.3	30.0	20.0	30.0	40.0	46.7	10.0	76.7
35. Blacksburg II*	23.3	23.3	8.3	6.7	56.7	46.7	18.3	36.7
36. Mallard*	13.3	8.3	10.0	16.7	13.3	26.7	16.7	33.3
37. Blue Ridge*	13.3	23.3	11.7	26.7	56.7	46.7	20.0	56.7
38. Apollo*	3.3	6.7	0.0	3.3	13.3	15.0	5.0	30.0
39. A97-1432	26.7	20.0	5.0	21.7	30.0	40.0	20.0	30.0
40. HV 238	6.7	11.7	3.3	10.0	20.0	20.0	3.3	38.3
41. Mercury*	26.7	21.7	10.0	11.7	43.3	46.7	18.3	66.7
42. Arrow*	20.0	18.3	10.0	20.0	26.7	26.7	11.7	30.0
43. Moonshine*	10.0	16.7	3.3	10.0	26.7	30.0	3.3	40.0
44. Dynamo*	20.0	23.3	8.3	13.3	40.0	40.0	26.7	50.0

Table 4. 2000 NTEP Kentucky Bluegrass Trial: Yearly Percent Poa.

Entry Number Name‡	1.25 inch HOC				0.5 inch HOC			
	2007	2008	2009	2010	2007	2008	2009	2010
45. B5-43	30.0	20.0	23.3	10.0	46.7	46.7	13.3	46.7
46. B5-45	16.7	16.7	3.3	5.0	33.3	50.0	10.0	40.0
47. Blue-tastic*	6.7	6.7	3.3	5.0	26.7	33.3	11.7	26.7
48. H92-203	16.7	23.3	6.7	16.7	36.7	36.7	10.0	50.0
49. Casablanca*	20.0	23.3	1.7	10.0	33.3	40.0	10.0	63.3
50. B5-144	26.7	23.3	5.0	13.3	36.7	30.0	10.0	21.7
51. PST-B4-246	23.3	33.3	8.3	33.3	23.3	40.0	21.7	60.0
52. PST-H6-150	10.0	18.3	3.3	5.0	30.0	30.0	11.7	50.0
53. Alpine*	3.3	18.3	3.3	3.3	16.7	23.3	13.3	15.0
54. Pich 453	16.7	21.7	1.7	8.3	16.7	20.0	6.7	35.0
55. Rampart*	20.0	23.3	15.0	11.7	36.7	40.0	26.7	60.0
56. Limousine*	3.3	3.3	0.0	0.0	6.7	6.7	5.0	13.3
57. Quantum leap*	13.3	13.3	0.0	10.0	16.7	30.0	16.7	36.7
58. Envicta*	13.3	8.3	1.7	16.7	23.3	20.0	6.7	31.7
59. Goldrush*	16.7	20.0	3.3	30.0	30.0	46.7	13.3	53.3
60. Misty*	23.3	18.3	13.3	11.7	36.7	43.3	16.7	60.0
61. Ascot*	33.3	36.7	8.3	33.3	53.3	60.0	21.7	70.0
62. BH-00-6002	30.0	26.7	13.3	21.7	40.0	46.7	23.3	46.7
63. Fairfax*	16.7	13.3	0.0	8.3	30.0	30.0	1.7	16.7
64. Abbey*	23.3	16.7	1.7	20.0	36.7	46.7	18.3	53.3
65. BH-00-6003	16.7	15.0	6.7	16.7	40.0	43.3	6.7	38.3
66. Baronette*	30.0	26.7	3.3	11.7	43.3	50.0	15.0	53.3
67. Raven*	20.0	16.7	1.7	16.7	46.7	43.3	13.3	63.3
68. Ba-83-113	13.3	15.0	3.3	3.3	26.7	30.0	8.3	36.7
69. Marquis*	30.0	15.0	8.3	18.3	36.7	43.3	25.0	43.3
70. Ba-84-140	16.7	21.7	1.7	16.7	30.0	36.7	10.0	36.7
71. Ba-82-288	20.0	13.3	6.7	10.0	23.3	33.3	13.3	30.0
72. Chateau*	20.0	13.3	3.3	16.7	50.0	40.0	8.3	33.3
73. Ba-00-6001	20.0	23.3	6.7	18.3	36.7	36.7	8.3	53.3
74. CVB-20631	13.3	10.0	1.7	5.0	13.3	33.3	13.3	50.0
75. Chelsea*	20.0	20.0	8.3	16.7	33.3	33.3	25.0	66.7
76. A97-1409	23.3	23.3	3.3	10.0	30.0	36.7	16.7	30.0
77. A96-451	26.7	21.7	8.3	11.7	33.3	43.3	20.0	46.7
78. Julius*	6.7	3.3	1.7	1.7	6.7	10.0	1.7	10.0
79. Allure*	23.3	15.0	6.7	3.3	33.3	30.0	21.7	60.0
80. A97-1330	30.0	30.0	18.3	30.0	23.3	40.0	8.3	30.0
81. H92-558	6.7	16.7	1.7	1.7	23.3	28.3	20.0	40.0
82. Julia*	6.7	20.0	5.0	18.3	16.7	26.7	5.0	56.7
83. Brooklawn*	23.3	18.3	5.0	13.3	23.3	30.0	5.0	20.0
84. Boutique*	20.0	21.7	8.3	15.0	23.3	30.0	20.0	46.7
85. Blue Sapphire*	30.0	25.0	1.7	6.7	23.3	40.0	16.7	53.3
86. NA-K992	20.0	21.7	5.0	10.0	26.7	40.0	8.3	50.0
87. Showcase*	6.7	11.7	3.3	5.0	10.0	18.3	11.7	21.7
88. Arcadia*	13.3	11.7	3.3	15.0	23.3	33.3	23.3	33.3
89. Kingfisher*	13.3	20.0	8.3	26.7	30.0	36.7	20.0	50.0

Table 4. 2000 NTEP Kentucky Bluegrass Trial: Yearly Percent Poa.

Entry Number Name‡	1.25 inch HOC				0.5 inch HOC			
	2007	2008	2009	2010	2007	2008	2009	2010
90. SRX-26351	33.3	36.7	8.3	30.0	46.7	50.0	11.7	50.0
91. SRX-27921	36.7	20.0	3.3	15.0	30.0	36.7	23.3	40.0
92. Sonoma*	33.3	30.0	3.3	6.7	46.7	50.0	23.3	60.0
93. Bordeaux*	16.7	18.3	3.3	18.3	30.0	40.0	13.3	40.0
94. Cabernet*	36.7	33.3	5.0	16.7	50.0	43.3	5.0	70.0
95. Champagne*	13.3	20.0	1.7	6.7	26.7	36.7	6.7	63.3
96. Durham*	30.0	13.3	1.7	3.3	40.0	40.0	10.0	46.7
97. Skye*	13.3	16.7	6.7	10.0	23.3	33.3	10.0	56.7
98. Jewel*	13.3	20.0	0.0	1.7	30.0	40.0	5.0	30.0
99. Unknown	16.7	20.0	5.0	20.0	16.7	23.3	13.3	30.0
100. Blue Knight*	6.7	5.0	1.7	13.3	13.3	23.3	6.7	36.7
101. DLF-76-9032	20.0	30.0	8.3	23.3	40.0	36.7	18.3	66.7
102. DLF-76-9034	6.7	13.3	0.0	13.3	46.7	30.0	10.0	50.0
103. DLF-96-9036	23.3	26.7	3.3	33.3	40.0	46.7	20.0	70.0
104. DLF-96-9037	26.7	20.0	5.0	16.7	46.7	35.0	18.3	43.3
105. SI-A96-386	30.0	28.3	20.0	30.0	40.0	40.0	16.7	36.7
106. SRX-2114	23.3	31.7	13.3	20.0	30.0	40.0	10.0	46.7
107. SR-2284*	6.7	20.0	3.3	8.3	30.0	36.7	11.7	36.7
108. Diva*	13.3	20.0	5.0	15.0	26.7	36.7	10.0	33.3
109. SRX-QG245	23.3	23.3	3.3	18.3	36.7	36.7	21.7	66.7
110. 99AN-53	16.7	13.3	1.7	8.3	36.7	40.0	8.3	40.0
111. Mongoose*	20.0	26.7	3.3	13.3	60.0	56.7	25.0	33.3
112. Jefferson*	13.3	15.0	3.3	8.3	16.7	16.7	6.7	50.0
113. A98-407	26.7	21.7	5.0	13.3	33.3	43.3	21.7	40.0
114. A98-1028	30.0	23.3	10.0	16.7	40.0	46.7	31.7	40.0
115. A98-183	33.3	23.3	3.3	5.0	40.0	40.0	8.3	26.7
116. Champlain*	0.0	6.7	3.3	15.0	20.0	23.3	5.0	28.3
117. Goldstar*	26.7	30.0	5.0	26.7	36.7	36.7	18.3	43.3
118. Royce*	16.7	26.7	6.7	16.7	30.0	40.0	8.3	63.3
119. A98-139	36.7	16.7	3.3	5.0	50.0	46.7	46.7	43.3
120. A98-365	23.3	33.3	6.7	20.0	43.3	53.3	13.3	33.3
121. Kenblue*	43.3	23.3	5.0	11.7	46.7	36.7	21.7	56.7
122. Princeton 105*	3.3	1.7	0.0	3.3	3.3	13.3	3.3	18.3
123. Impact*	10.0	10.0	1.7	8.3	10.0	13.3	8.3	20.0
124. Total Eclipse*	13.3	11.7	1.7	13.3	6.7	26.7	11.7	30.0
125. Odyssey*	13.3	26.7	8.3	20.0	16.7	23.3	10.0	25.0
126. Chicago II*	13.3	10.0	3.3	13.3	26.7	30.0	11.7	43.3
127. NuGlade*	6.7	5.0	1.7	10.0	3.3	15.0	5.0	25.0
128. Perfection*	10.0	23.3	5.0	15.0	20.0	33.3	21.7	35.0
129. Tsunami*	10.0	10.0	8.3	18.3	16.7	20.0	11.7	40.0
130. Ginney*	10.0	15.0	1.7	13.3	20.0	33.3	11.7	33.3
131. Courtyard*	10.0	6.7	3.3	13.3	10.0	20.0	6.7	21.7
132. Alexa*	16.7	20.0	5.0	11.7	13.3	23.3	6.7	36.7
133. J-2885	16.7	15.0	1.7	8.3	13.3	30.0	8.3	35.0
134. Blue Velvet*	6.7	11.7	5.0	20.0	16.7	30.0	15.0	40.0

Table 4. 2000 NTEP Kentucky Bluegrass Trial: Yearly Percent Poa.

Entry Number Name‡	1.25 inch HOC				0.5 inch HOC			
	2007	2008	2009	2010	2007	2008	2009	2010
135. Everest*	20.0	33.3	6.7	30.0	16.7	36.7	11.7	46.7
136. Awesome*	10.0	23.3	6.7	23.3	6.7	26.7	8.3	43.3
137. Excursion*	10.0	20.0	3.3	11.7	23.3	33.3	15.0	36.7
138. Freedom III*	10.0	20.0	1.7	10.0	13.3	33.3	6.7	40.0
139. EverGlade*	10.0	13.3	1.7	6.7	26.7	36.7	11.7	33.3
140. Nu Destiny*	3.3	18.3	1.7	6.7	6.7	16.7	5.0	23.3
141. Barrister*	20.0	21.7	8.3	28.3	16.7	26.7	11.7	46.7
142. Beyond*	16.7	30.0	3.3	23.3	16.7	33.3	15.0	36.7
143. Rugby II*	13.3	15.0	5.0	10.0	6.7	23.3	10.0	28.3
144. Award*	20.0	15.0	8.3	10.0	16.7	20.0	8.3	23.3
145. Rambo*	3.3	5.0	1.7	3.3	10.0	13.3	8.3	23.3
146. Freedom II*	13.3	15.0	3.3	13.3	23.3	40.0	6.7	46.7
147. Liberator*	16.7	16.7	1.7	18.3	23.3	26.7	15.0	50.0
148. G0-9LM9	33.3	26.7	3.3	30.0	53.3	56.7	23.3	53.3
149. Moon Shadow*	20.0	20.0	3.3	11.7	33.3	43.3	15.0	26.7
150. Langara*	3.3	5.0	1.7	6.7	13.3	26.7	13.3	33.3
151. A96-739	16.7	26.7	3.3	13.3	33.3	36.7	8.3	40.0
152. PST-H5-35	26.7	18.3	3.3	18.3	40.0	43.3	15.0	31.7
153. PST-B3-170	16.7	26.7	5.0	21.7	26.7	36.7	11.7	36.7
154. B4-128A	0.0	1.7	1.7	0.0	10.0	13.3	5.0	11.7
155. Bluestone*	10.0	18.3	3.3	16.7	16.7	30.0	10.0	41.7
156. Washington*	6.7	13.3	5.0	23.3	16.7	21.7	5.0	53.3
157. A96-742	6.7	20.0	1.7	13.3	36.7	46.7	5.0	36.7
158. A97-857	23.3	21.7	5.0	6.7	23.3	30.0	10.0	33.3
159. BAR-Pp-0468	10.0	8.3	1.7	8.3	13.3	23.3	6.7	15.0
160. BAR-Pp-0471	13.3	21.7	8.3	13.3	30.0	40.0	11.7	46.7
161. BAR-Pp-0568	23.3	30.0	5.0	16.7	33.3	40.0	6.7	53.3
162. BAR-Pp-0573	6.7	16.7	1.7	15.0	20.0	33.3	15.0	40.0
163. Bartitia*	23.3	26.7	6.7	20.0	43.3	53.3	20.0	83.3
164. Baritone*	20.0	21.7	3.3	20.0	13.3	26.7	10.0	36.7
165. Bariris*	20.0	23.3	11.7	20.0	23.3	30.0	10.0	63.3
166. Barzan*	16.7	16.7	3.3	8.3	23.3	36.7	6.7	46.7
167. Baronie*	20.0	23.3	10.0	10.0	40.0	46.7	6.7	50.0
168. Unique*	13.3	20.0	3.3	6.7	30.0	36.7	5.0	36.7
169. Serene*	0.0	5.0	3.3	5.0	13.3	15.0	3.3	16.7
170. Moonlight*	23.3	16.7	1.7	10.0	33.3	43.3	6.7	43.3
171. Blackstone*	10.0	6.7	3.3	3.3	10.0	18.3	3.3	16.7
172. Rita*	26.7	30.0	3.3	11.7	26.7	46.7	6.7	43.3
173. North Star*	6.7	18.3	10.0	11.7	20.0	36.7	8.3	63.3
LSD (0.05)§	20.0	16.6	8.3	19.3	23.0	18.3	14.9	28.3
Range	0.0 to 43.3	1.7 to 40.0	0.0 to 23.3	0.0 to 33.3	3.3 to 60.0	6.7 to 60.0	1.7 to 46.7	10 to 83.3

‡See entry listing and plot plan for field trial location of corresponding entry.

§Any two cultivars that differ in value exceeding LSD are statistically significant.

*Commercially available.

Table 5. 2000 NTEP Kentucky Bluegrass Trial: Average Percent Poa .

Entry Number Name‡	1.25 inch HOC 2007 to 2010 ave.	0.5 inch HOC 2007 to 2010 ave.	Average 2007 to 2010 ave.
56. Limousine*	1.7	7.9	4.8
78. Julius*	3.3	7.1	5.2
154. B4-128A	0.8	10.0	5.4
122. Princeton 105*	2.1	9.6	5.8
169. Serene*	3.3	12.1	7.7
145. Rambo*	3.3	13.8	8.5
8. Eagleton*	4.6	13.3	9.0
127. NuGlade*	5.8	12.1	9.0
171. Blackstone*	5.8	12.1	9.0
38. Apollo*	3.3	15.8	9.6
123. Impact*	7.5	12.9	10.2
140. Nu Destiny*	7.5	12.9	10.2
159. BAR-Pp-0468	7.1	14.6	10.8
87. Showcase*	6.7	15.4	11.0
131. Courtyard*	8.3	14.6	11.5
11. Pp H 6366	6.7	17.1	11.9
33. Midnight II*	7.9	16.3	12.1
53. Alpine*	7.1	17.1	12.1
116. Champlain*	6.3	19.2	12.7
150. Langara*	4.2	21.7	12.9
100. Blue Knight*	6.7	20.0	13.3
143. Rugby II*	10.8	17.1	14.0
40. HV 238	7.9	20.4	14.2
124. Total Eclipse*	10.0	18.8	14.4
63. Fairfax*	9.6	19.6	14.6
47. Blue-tastic*	5.4	24.6	15.0
58. Envicta*	10.0	20.4	15.2
144. Award*	13.3	17.1	15.2
1. Midnight*	12.1	18.8	15.4
24. Avalanche*	12.5	18.3	15.4
20. Hallmark*	12.1	19.6	15.8
54. Pich 453	12.1	19.6	15.8
133. J-2885	10.4	21.7	16.0
112. Jefferson*	10.0	22.5	16.3
132. Alexa*	13.3	20.0	16.7
31. Brilliant*	11.7	22.1	16.9
129. Tsunami*	11.7	22.1	16.9
138. Freedom III*	10.4	23.3	16.9
6. Bedazzled*	5.4	28.8	17.1
57. Quantum leap*	9.2	25.0	17.1
68. Ba-83-113	8.8	25.4	17.1
36. Mallard*	12.1	22.5	17.3
81. H92-558	6.7	27.9	17.3
83. Brooklawn*	15.0	19.6	17.3

Table 5. 2000 NTEP Kentucky Bluegrass Trial: Average Percent Poa .

Entry Number Name‡	1.25 inch HOC 2007 to 2010 ave.	0.5 inch HOC 2007 to 2010 ave.	Average 2007 to 2010 ave.
130. Ginney*	10.0	24.6	17.3
43. Moonshine*	10.0	25.0	17.5
74. CVB-20631	7.5	27.5	17.5
98. Jewel*	8.8	26.3	17.5
139. EverGlade*	7.9	27.1	17.5
29. PST-161	15.0	20.4	17.7
28. Voyager II*	11.3	24.6	17.9
125. Odyssey*	17.1	18.8	17.9
99. Unknown	15.4	20.8	18.1
134. Blue Velvet*	10.8	25.4	18.1
156. Washington*	12.1	24.2	18.1
155. Bluestone*	12.1	24.6	18.3
136. Awesome*	15.8	21.3	18.5
162. BAR-Pp-0573	10.0	27.1	18.5
71. Ba-82-288	12.5	25.0	18.8
126. Chicago II*	10.0	27.9	19.0
164. Baritone*	16.3	21.7	19.0
168. Unique*	10.8	27.1	19.0
107. SR-2284*	9.6	28.8	19.2
137. Excursion*	11.3	27.1	19.2
158. A97-857	14.2	24.2	19.2
82. Julia*	12.5	26.3	19.4
88. Arcadia*	10.8	28.3	19.6
52. PST-H6-150	9.2	30.4	19.8
166. Barzan*	11.3	28.3	19.8
108. Diva*	13.3	26.7	20.0
22. Glenmont*	17.5	22.9	20.2
146. Freedom II*	11.3	29.2	20.2
42. Arrow*	17.1	23.8	20.4
128. Perfection*	13.3	27.5	20.4
110. 99AN-53	10.0	31.3	20.6
50. B5-144	17.1	24.6	20.8
157. A96-742	10.4	31.3	20.8
147. Liberator*	13.3	28.8	21.0
70. Ba-84-140	14.2	28.3	21.3
97. Skye*	11.7	30.8	21.3
102. DLF-76-9034	8.3	34.2	21.3
19. Wildwood*	15.4	27.5	21.5
76. A97-1409	15.0	28.3	21.7
149. Moon Shadow*	13.8	29.6	21.7
9. HV 140	17.1	26.7	21.9
25. PST-B5-125	15.8	27.9	21.9
46. B5-45	10.4	33.3	21.9
95. Champagne*	10.4	33.3	21.9
142. Beyond*	18.3	25.4	21.9

Table 5. 2000 NTEP Kentucky Bluegrass Trial: Average Percent Poa .

Entry Number Name‡	1.25 inch HOC 2007 to 2010 ave.	0.5 inch HOC 2007 to 2010 ave.	Average 2007 to 2010 ave.
173. North Star*	11.7	32.1	21.9
21. Lakeshore*	14.6	29.6	22.1
151. A96-739	15.0	29.6	22.3
170. Moonlight*	12.9	31.7	22.3
93. Bordeaux*	14.2	30.8	22.5
115. A98-183	16.3	28.8	22.5
141. Barrister*	19.6	25.4	22.5
4. Limerick	17.9	27.5	22.7
86. NA-K992	14.2	31.3	22.7
153. PST-B3-170	17.5	27.9	22.7
2. Baron*	15.4	30.4	22.9
14. Pp H 7907	20.0	25.8	22.9
65. BH-00-6003	13.8	32.1	22.9
72. Chateau*	13.3	32.9	23.1
84. Boutique*	16.3	30.0	23.1
96. Durham*	12.1	34.2	23.1
160. BAR-Pp-0471	14.2	32.1	23.1
5. Bodacious*	17.9	28.8	23.3
10. Cheetah*	13.8	33.8	23.8
23. Coventry*	13.8	34.6	24.2
39. A97-1432	18.3	30.0	24.2
79. Allure*	12.1	36.3	24.2
172. Rita*	17.9	30.8	24.4
48. H92-203	15.8	33.3	24.6
85. Blue Sapphire*	15.8	33.3	24.6
152. PST-H5-35	16.7	32.5	24.6
49. Casablanca*	13.8	36.7	25.2
135. Everest*	22.5	27.9	25.2
165. Bariris*	18.8	31.7	25.2
73. Ba-00-6001	17.1	33.8	25.4
13. Pp H 7832	13.8	37.5	25.6
89. Kingfisher*	17.1	34.2	25.6
91. SRX-27921	18.8	32.5	25.6
113. A98-407	16.7	34.6	25.6
167. Baronie*	15.8	35.8	25.8
118. Royce*	16.7	35.4	26.0
161. BAR-Pp-0568	18.8	33.3	26.0
27. PST-108-79	15.0	37.5	26.3
80. A97-1330	27.1	25.4	26.3
77. A96-451	17.1	35.8	26.5
104. DLF-96-9037	17.1	35.8	26.5
59. Goldrush*	17.5	35.8	26.7
106. SRX-2114	22.1	31.7	26.9
3. Lily	14.6	39.6	27.1
64. Abbey*	15.4	38.8	27.1

Table 5. 2000 NTEP Kentucky Bluegrass Trial: Average Percent Poa .

Entry Number Name‡	1.25 inch HOC 2007 to 2010 ave.	0.5 inch HOC 2007 to 2010 ave.	Average 2007 to 2010 ave.
15. Monte Carlo*	17.5	37.1	27.3
35. Blacksburg II*	15.4	39.6	27.5
69. Marquis*	17.9	37.1	27.5
44. Dynamo*	16.3	39.2	27.7
67. Raven*	13.8	41.7	27.7
60. Misty*	16.7	39.2	27.9
75. Chelsea*	16.3	39.6	27.9
117. Goldstar*	22.1	33.8	27.9
120. A98-365	20.8	35.8	28.3
109. SRX-QG245	17.1	40.4	28.8
55. Rampart*	17.5	40.8	29.2
66. Baronette*	17.9	40.4	29.2
45. B5-43	20.8	38.3	29.6
111. Mongoose*	15.8	43.8	29.8
114. A98-1028	20.0	39.6	29.8
18. Wellington*	22.1	37.9	30.0
26. PST-604	17.5	42.5	30.0
32. PST-222	20.8	39.2	30.0
16. Royale*	19.6	40.8	30.2
105. SI-A96-386	27.1	33.3	30.2
51. PST-B4-246	24.6	36.3	30.4
101. DLF-76-9032	20.4	40.4	30.4
41. Mercury*	17.5	43.8	30.6
121. Kenblue*	20.8	40.4	30.6
17. Shamrock*	18.8	43.3	31.0
30. Bluemax*	23.8	38.3	31.0
62. BH-00-6002	22.9	39.2	31.0
119. A98-139	15.4	46.7	31.0
92. Sonoma*	18.3	45.0	31.7
37. Blue Ridge*	18.8	45.0	31.9
94. Cabernet*	22.9	42.1	32.5
103. DLF-96-9036	21.7	44.2	32.9
90. SRX-26351	27.1	39.6	33.3
12. Pp H 7929	25.0	43.8	34.4
163. Bartitia*	19.2	50.0	34.6
148. G0-9LM9	23.3	46.7	35.0
34. PST York Harbor	28.3	43.3	35.8
7. Boomerang*	25.0	50.0	37.5
61. Ascot*	27.9	51.3	39.6
LSD (0.05)§	8.4	11.1	7.1
Range	0.8 to 28.3	7.1 to 51.3	4.8 to 39.6

‡See entry listing and plot plan for field trial location of corresponding entry.

§Any two cultivars that differ in value exceeding LSD are statistically significant.

*Commercially available.