

**2003 National Bentgrass Fairway/Tee Test (2004-2007 Summary)**

Location: Pullman, WA. WSU Turfgrass and Agronomy Research Center (TARC)

Date planted: 9/21/04

Seeding rate: 1.1 lbs/1000 ft<sup>2</sup>

**Turf Maintenance:** Mowing height: 0.375"

Mowing Frequency: 2-3 times/week

N Fertility Level: 0.375 lbs N/1000 ft<sup>2</sup>/growing month = 3 lbs N/1000 ft<sup>2</sup>/Year

Irrigation: to prevent stress

Disease Control: allow disease but curative to prevent significant stand loss, recommend root pythium trt on velvets at estab.

Weed and Insect control: to prevent damage

Core Cultivation: solid tines- researcher's discretion

Vertical Mowing: to control thatch- researcher's discretion

**X = Commercially available in 2007**

Entry#	Name	Species	Sponsor	2004 *% Estab- lishment	2005			2006				2007				2004 - 2007					
					% Living Ground Cover	*** Genetic Color	**** Quality 2005	***** Spring Greenup	Genetic Color	***** Summer Density	Quality 2006	***** Snow mold	Genetic Color	Summer Density	Quality 2007	% Estab- lishment	Snow mold	Spring Greenup	Summer Density	Genetic Color	Quality
7	X T-1	creeping	Simplot/Jacklin Seed	70.0	100.0	7.7	6.6	7.0	9.0	8.0	7.5	4.0	8.0	8.0	7.1	70.0	4.0	7.0	8.0	8.2	7.1
10	X Declaration	creeping	Lebanon Turf Products	73.3	100.0	7.0	6.1	5.3	8.0	8.0	6.7	6.7	7.0	8.3	6.5	73.3	6.7	5.3	8.2	7.3	6.4
6	X Alpha	creeping	Simplot/Jacklin Seed	66.7	100.0	7.3	6.0	6.0	8.0	8.0	6.8	5.7	6.7	8.0	6.3	66.7	5.7	6.0	8.0	7.3	6.4
15	X Kingpin	creeping	ProSeeds Marketing	60.0	100.0	7.0	6.2	6.0	8.0	8.0	6.9	3.7	7.3	7.3	6.0	60.0	3.7	6.0	7.7	7.4	6.4
25	X Crystal BlueLinks	creeping	Pure-Seed Testing, Inc.	70.0	100.0	7.0	6.0	6.7	7.7	7.7	6.6	5.0	7.0	7.7	6.5	70.0	5.0	6.7	7.7	7.2	6.3
13	X Authority	creeping	LESCO, Inc.	60.0	100.0	7.0	6.3	5.0	7.3	8.0	6.8	4.0	7.3	8.0	6.0	60.0	4.0	5.0	8.0	7.2	6.3
21	X SR 1119	creeping	Seed Research of Oregon	53.3	100.0	6.7	6.1	6.0	8.0	8.0	6.3	4.0	7.3	7.3	6.3	53.3	4.0	6.0	7.7	7.3	6.3
18	X Shark	creeping	Mountain View Seeds, Ltd.	70.0	100.0	6.7	6.2	5.3	7.3	8.0	6.7	4.7	7.0	8.0	5.9	70.0	4.7	5.3	8.0	7.0	6.2
24	X Penneagle II	creeping	Tee-2-Green Corp.	70.0	100.0	7.0	5.7	6.3	7.7	8.0	6.5	4.3	7.0	7.3	6.4	70.0	4.3	6.3	7.7	7.2	6.2
14	X Bengal	creeping	Barenbrug USA	66.7	100.0	7.0	6.1	5.7	7.0	8.0	6.4	3.3	7.0	7.0	6.1	66.7	3.3	5.7	7.5	7.0	6.2
11	X Independence	creeping	Lebanon Turf Products	70.0	100.0	6.7	5.9	6.0	7.3	8.0	6.5	3.7	6.7	7.7	6.2	70.0	3.7	6.0	7.8	6.9	6.2
1	X LS-44	creeping	Links Seed, LLC	56.7	100.0	7.0	5.8	5.7	7.7	7.7	6.5	4.7	6.3	7.3	6.1	56.7	4.7	5.7	7.5	7.0	6.2
23	X Pennlinks II	creeping	Tee-2-Green Corp.	70.0	100.0	7.0	5.9	6.0	7.7	8.0	6.2	4.3	7.0	6.3	6.2	70.0	4.3	6.0	7.2	7.2	6.1
17	IS-AP 14	creeping	DLF International	66.7	100.0	6.7	5.8	6.3	7.0	8.0	6.6	4.7	6.7	7.7	5.9	66.7	4.7	6.3	7.8	6.8	6.1
9	13-M	creeping	Pennington Seed	70.0	100.0	7.0	5.8	5.3	7.0	8.0	6.5	6.0	6.7	7.0	5.8	70.0	6.0	5.3	7.5	6.9	6.0
2	X L-93	creeping	Standard Entry	70.0	100.0	6.7	5.3	5.3	7.7	7.7	6.1	5.0	6.0	7.0	6.1	70.0	5.0	5.3	7.3	6.8	5.9
22	X SR 1150	creeping	Seed Research of Oregon	60.0	100.0	5.7	5.6	6.7	6.0	7.7	6.3	3.3	6.0	7.7	5.7	60.0	3.3	6.7	7.7	5.9	5.9
20	X MacKenzie	creeping	Seed Research of Oregon	66.7	99.0	6.7	5.6	6.7	6.7	8.0	6.3	3.0	7.3	7.7	5.7	66.7	3.0	6.7	7.8	6.9	5.9
4	X Penncross	creeping	Standard Entry	66.7	100.0	7.0	5.4	5.7	7.0	6.3	5.2	4.7	7.0	6.3	5.5	66.7	4.7	5.7	6.3	7.0	5.4
12	X Tiger II	colonial	Standard Entry	66.7	100.0	8.0	5.3	6.7	6.3	7.0	5.6	7.0	9.0	6.0	5.2	66.7	7.0	6.7	6.5	7.8	5.4
5	EWTR	colonial	Landmark Seed Co.	70.0	99.3	8.0	4.8	6.7	6.3	7.0	5.4	5.0	9.0	6.0	5.2	70.0	5.0	6.7	6.5	7.8	5.2
16	IS-AT 7	colonial	DLF International	70.0	96.0	8.0	4.8	7.7	7.0	7.3	5.2	3.7	9.0	6.0	5.5	70.0	3.7	7.7	6.7	8.0	5.1
26	PST-9NBC	colonial	Pure-Seed Testing, Inc.	70.0	100.0	8.3	5.3	6.7	6.7	7.0	5.2	5.7	9.0	6.0	4.9	70.0	5.7	6.7	6.5	8.0	5.1
8	X Princeville	creeping	LESCO, Inc.	63.3	100.0	6.3	4.9	5.7	6.3	7.3	5.4	3.3	5.7	5.7	4.9	63.3	3.3	5.7	6.5	6.1	5.1
19	X SR 7150	colonial	Seed Research of Oregon	60.0	99.7	8.3	5.0	7.0	7.0	7.0	5.0	3.7	9.0	5.7	5.0	60.0	3.7	7.0	6.3	8.1	5.0
3	X Bardot	colonial	Standard Entry	53.3	100.0	8.0	4.8	6.7	6.7	7.0	5.2	6.0	8.3	6.0	5.0	53.3	6.0	6.7	6.5	7.7	5.0
27	PST-9VN	colonial	Pure-Seed Testing, Inc.	70.0	94.3	8.0	4.1	6.3	6.7	7.0	4.9	3.3	9.0	6.3	4.2	70.0	3.3	6.3	6.7	7.9	4.4
28	X Seaside	creeping	Standard Entry	70.0	100.0	5.3	3.5	5.3	6.3	4.0	2.9	3.7	6.0	3.0	2.7	70.0	3.7	5.3	3.5	5.9	3.0

\*Percent establishment is a visual estimate, taken 6 weeks after planting, of percent ground cover, plant height, etc. that reflects the relative speed entry develops mature sod. Rated 0-100: 100 = complete ground cover.

\*\*Percent living ground cover is used to express massive localized damage caused by disease, insects, weeds, drought, poor establishment, etc. Rated 0-100: 100 = complete ground cover of the originally planted species.

\*\*\*Genetic color reflects the inherent color of the genotype, not chlorosis or browning caused by mower damage, disease, etc. Taken when grass is not under stress. Rated 1-9: 9 = dark green.

\*\*\*\*Quality is a visual estimate integrating all factors of turfgrass quality (color, density, leaf texture, disease resistance, etc.). Rated 1-9: 9 = excellent.

\*\*\*\*\*Spring greenup is the relative rate of breaking winter dormancy. Rated 1-9: 1 = dormant.

\*\*\*\*\*Summer density is a visual estimate of the number of leaf blades per unit area (excluded damaged areas). Rated 1-9: 1 = bare ground and 9 = maximum.

\*\*\*\*\*Snow mold rated 1-9: 9 = no disease.