

## 2003 National Bentgrass Fairway/Tee Test (2004-2006 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 2005**

Entry#	Name	Species	Sponsor	2004	2005			2006				2005-2006	
				*% Estab- lishment	** % Living Cover	*** Genetic Color	**** Quality	***** Spring Greenup	***** Genetic Color	***** Summer Density	***** Quality	Quality	Genetic Color
7	X T-1	creeping	Simplot/Jacklin Seed	70.0	100.0	7.7	6.6	7.0	9.0	8.0	7.5	7.1	8.3
15	9200	creeping	ProSeeds Marketing	60.0	100.0	7.0	6.2	6.0	8.0	8.0	6.9	6.5	7.5
13	235050	creeping	LESCO, Inc.	60.0	100.0	7.0	6.3	5.0	7.3	8.0	6.8	6.5	7.2
6	X Alpha	creeping	Simplot/Jacklin Seed	66.7	100.0	7.3	6.0	6.0	8.0	8.0	6.8	6.4	7.7
18	23R	creeping	Mountain View Seeds, Ltd.	70.0	100.0	6.7	6.2	5.3	7.3	8.0	6.7	6.4	7.0
10	X Declaration	creeping	Lebanon Turf Products	73.3	100.0	7.0	6.1	5.3	8.0	8.0	6.7	6.4	7.5
25	PST-OEB	creeping	Pure-Seed Testing, Inc.	70.0	100.0	7.0	6.0	6.7	7.7	7.7	6.6	6.3	7.3
14	X Bengal	creeping	Barenbrug USA	66.7	100.0	7.0	6.1	5.7	7.0	8.0	6.4	6.3	7.0
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	6.2	7.3
17	IS-AP 14	creeping	DLF International	66.7	100.0	6.7	5.8	6.3	7.0	8.0	6.6	6.2	6.8
11	X Independence	creeping	Lebanon Turf Products	70.0	100.0	6.7	5.9	6.0	7.3	8.0	6.5	6.2	7.0
9	13-M	creeping	Pennington Seed	70.0	100.0	7.0	5.8	5.3	7.0	8.0	6.5	6.2	7.0
1	X LS-44	creeping	Links Seed, LLC	56.7	100.0	7.0	5.8	5.7	7.7	7.7	6.5	6.2	7.3
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	6.2	7.3
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	6.1	7.3
22	SRX 1PDH	creeping	Seed Research of Oregon	60.0	100.0	5.7	5.6	6.7	6.0	7.7	6.3	6.0	5.8
20	SRX 1GPD	creeping	Seed Research of Oregon	66.7	99.0	6.7	5.6	6.7	6.7	8.0	6.3	5.9	6.7
2	L-93	creeping	Standard Entry	70.0	100.0	6.7	5.3	5.3	7.7	7.7	6.1	5.7	7.2
12	Tiger II	colonial	Standard Entry	66.7	100.0	8.0	5.3	6.7	6.3	7.0	5.6	5.5	7.2
4	X Penncross	creeping	Standard Entry	66.7	100.0	7.0	5.4	5.7	7.0	6.3	5.2	5.3	7.0
26	PST-9NBC	colonial	Pure-Seed Testing, Inc.	70.0	100.0	8.3	5.3	6.7	6.7	7.0	5.2	5.2	7.5
8	X Princeville	creeping	LESCO, Inc.	63.3	100.0	6.3	4.9	5.7	6.3	7.3	5.4	5.2	6.3
5	EWTR	colonial	Landmark Seed Co.	70.0	99.3	8.0	4.8	6.7	6.3	7.0	5.4	5.2	7.2
3	X Bardot	colonial	Standard Entry	53.3	100.0	8.0	4.8	6.7	6.7	7.0	5.2	5.0	7.3
19	SR 7150	colonial	Seed Research of Oregon	60.0	99.7	8.3	5.0	7.0	7.0	7.0	5.0	5.0	7.7
16	IS-AT 7	colonial	DLF International	70.0	96.0	8.0	4.8	7.7	7.0	7.3	5.2	5.0	7.5
27	PST-9VN	colonial	Pure-Seed Testing, Inc.	70.0	94.3	8.0	4.1	6.3	6.7	7.0	4.9	4.5	7.3
28	X Seaside	creeping	Standard Entry	70.0	100.0	5.3	3.5	5.3	6.3	4.0	2.9	3.2	5.8

\*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.