

**OBSERVATIONS OF THE BENTGRASS  
TEST PLOTS AT THE HONORS COURSE**

**David Stone  
The Honors Course  
Ooltewah, Tennessee**

In the fall of 1991 4 reps of 27 bengrass cultivars were established in a partial shade-poor air movement location at the Honors Course in Chattanooga, Tennessee. In the spring of 1992 the test was also established in a full sun location.

The primary objective was to evaluate the cultivars during the summer months. Since that is when the stress occurs in the south, I felt I did not want to have the data diluted by the other months when no stress occurs.

The plots were mowed at the same frequency and the same height of cut as the greens on the golf course. Diseases were allowed to get quite bad before fungicides were applied to see how resistant the different cultivars were.

In the fall of 1993 some of the worst performing cultivars (other than Penncross) were removed and replaced with the new cultivars PSU-A-1, PSU-G-2, Providence II and others.

The data for these is mostly from the summer of 1995. The results can be found in the following pages.

## Dollarspot Ranking - May 27, 1994 - Sunny Plots

### The Honors Course - Chattanooga, Tenn.

	Variety	Rep 1	Rep 2	Rep 3	Rep 4	Variety Average
						9 = No Dollarspot
1	PSU-G2 *	8	9	9	9	8.75
2	Penncross (seeded)	9	7	9	8	8.25
3	PENNLINKS	8	6.75	7.5	9	7.81
4	89-140	9	4.5	9	8	7.63
5	Lopez	6.5	8	7	9	7.63
6	Regent	9	7	6.5	8	7.63
7	PSU-A1 *	9	8	7.5	5.75	7.56
8	88.CBE	8	8	7	7	7.50
9	Southshore	9	9	5	7	7.50
10	MSCB-E92 *	7	6.75	7	9	7.44
11	Providence	7.5	8	7	7	7.38
12	Cato	6.5	9	5.5	8	7.25
13	Cobra	8	5.5	7.5	8	7.25
14	Penneagle	8	6	8	7	7.25
15	Pro Cup	8	9	6	6	7.25
16	Putter	7	8	6.5	6	6.88
17	88.CBL	9	7	5.75	5.25	6.75
18	SR 1020	5.5	7	5.5	6	6.00
19	18th Green	8	3	4.5	2.5	4.50
20	Crenshaw	4	3	5	3.5	3.88
21	Penncross (Sod)	4.5	1	2	1.75	2.31
	Average	7.55	6.69	6.56	6.70	6.88

\* = had extra fertilizer to grow in plots - seeded in fall of 1993

Ranking done by David Stone

Improv\Plots\Sunny\DOL-M-94

## Brown Patch Ranking - July 5, 1995

### The Honors Course - Chattanooga, Tenn.

### Shady Plots

	Variety	Rep 1	Rep 2	Rep 3	Rep 4	Average
1-T	Penncross Sod	9	9	9	9	9.00
1T	Cobra	9	9	9	9	9.00
1-TTT	Providence II	9	9	9	9	9.00
4	MSCB E-91	8.75	9	9	8.92	8.92
5-T	Pro Cup	8.75	9	9	8.75	8.88
5T	Regent	8.75	9	8.75	9	8.88
7	Cato	9	8.83	9	8.5	8.83
8-T	Lopez	9	8.25	9	9	8.81
8T	MSCB 73-2-90	8.75	8.5	9	9	8.81
10	Atlanta	8.5	9	9	8.5	8.75
11	PENNCROSS Seed	8.75	9	9	8	8.69
12	88.CBE	9	8.5	8	9	8.63
13	89-140	9	8.75	7.5	9	8.56
14-T	PROVIDENCE	7	9	8.75	8.75	8.38
14T	PUTTER	6.5	9	9	9	8.38
16	Dinelli	7	9	9	8.33	8.33
17T	88.CBL	8.75	8.75	6.5	9	8.25
17-T	PENNLINKS	9	9	8.75	6.25	8.25
19	SOUTHSHORE	9	8	6	9	8.00
20	MSCB-E-92	4	9	9	9	7.75
21	Penneagle	5	9	7.25	9	7.56
22	Crenshaw	7.25	7.75	8	6.5	7.38
23	18 th Green	6.5	8.75	5.5	8.5	7.31
24	SR1020	5.5	7	9	5.75	6.81
25	L-93	2	6.5	9	6	5.88
26	PSU-G2	5.25	5	7	5.75	5.75
27	PSU-A1	4	4.5	5	7	5.13
-	<b>AVERAGE:</b>	7.48	8.34	8.22	8.24	8.07

## Simulated Ball Mark Recovery - 1995

### The Honors Course - Chattanooga, Tenn.

	Variety	Aug. 1, 1995	Made Aug. 2 - Rated Sept. 5,	Oct. 12, 1995	Average
1	<b>PROVIDENCE</b> ( not ranked Sept. 5)	6	7.38	8.75	7.38
2	<b>Crenshaw</b>	7	5	8.25	6.75
3-T	<b>Atlanta</b>	6	6	7.5	6.50
3T	<b>SOUTHSHORE</b>	5	8	6.5	6.50
5	<b>PSU-A1</b>	5	4.5	8.5	6.00
6	<b>Dinelli (only ranked Sept. 5)</b>	5.5	5.5	5.5	5.50
7	<b>SR1020</b>	5	3.5	7.5	5.33
8	<b>PENNCROSS Seed</b>	3	3	8.25	4.75
9	<b>PSU-G2</b>	4	4	6	4.67
10	<b>PENNLINKS</b>	4	3	6.25	4.42
11	<b>Cato</b>	4	2	6.75	4.25
12	<b>Penncross Sod</b> (only ranked Sept. 5)	3	3	3	3.00
13	<b>L-93 (only ranked Sept. 5)</b>	1	1	1	1.00
..	<b>Rep Average</b>	4.50	4.30	6.44	5.08

\* = rating not made - number assigned based on average of the rep or reps that were rated

9 = totally healed

## Proneness To Spike Marks

9 = Fewest Spike Marks

	Variety	Rep 1	Rep 2	Rep 3	Rep 4	Average
...	<b>Shady Plots</b>					
1T	<b>Atlanta</b>	9	7	7	8	<b>7.75</b>
1-T	<b>PSU-A1</b>	9	7	7	8	<b>7.75</b>
3-T	<b>Crenshaw</b>	7	9	7	7	<b>7.50</b>
3T	<b>PSU-G2</b>	7	9	5	9	<b>7.50</b>
5T	<b>SOUTHSHORE</b>	5	8	7	8	<b>7.00</b>
5-T	<b>SR1020</b>	7	7	7	7	<b>7.00</b>
7	<b>Cato</b>	7	7	4	9	<b>6.75</b>
8	<b>PROVIDENCE</b>	5	7	4	8	<b>6.00</b>
9	<b>18 th Green</b>	5	4	7	7	<b>5.75</b>
10-T	<b>Penncross Sod</b>	4	5	3	7	<b>4.75</b>
10T	<b>PENNLINKS</b>	7	4	4	4	<b>4.75</b>
12	<b>PENNCROSS Seed</b>	5	2	7	2	<b>4.00</b>
..	<b>Rep Average</b>	7.00	7.00	5.50	8.00	<b>6.88</b>

**Overall Quality - David Stone - August 21, 1995**  
**Shady Plots**  
 The Honors Course - Chattanooga, Tenn.

	Variety	Rep 1	Rep 2	Rep 3	Rep 4	Average
1	Crenshaw	9	8.5	8.5	0	8.67
2	PSU-G2	8.5	7.5	8	0	8.00
3	SR1020	7.5	8	7	0	7.50
4	18 th Green	7	7.5	7.5	0	7.33
5	SOUTHSHORE	7.5	8	6	0	7.17
6-T	89-140	7	7	7	0	7.00
6-TT	PSU-A1	8	7.5	5.5	0	7.00
8-T	Lopez	6.5	6.5	7	0	6.67
8-TT	PUTTER	6.5	7	0	6.5	6.67
10-T	Atlanta	7	8	4.5	0	6.50
10-TT	MSCB 73-2-90	6.5	7	6	0	6.50
12	88.CBE	6	7	6	0	6.33
13	88.CBL	6.5	7	5.5	0	6.33
14	Cato	7.5	0	5.5	6	6.33
15	MSCB E-91	6.5	6.5	6	0	6.33
16	Regent	6.5	6.5	6	0	6.33
17	Pro Cup	7	6	5.5	0	6.17
18	COBRA	6.5	6.5	0	5	6.00
19	Penneagle	6	6.5	0	5.5	6.00
20	PENNLINKS	7	6.5	4.5	0	6.00
21	Providence II	5.5	6.5	5.5	0	5.83
22	PROVIDENCE	5.5	7	4.5	0	5.67
23	L-93	6.5	0	5	4	5.17
24	MSCB-E92	5.5	6	4	0	5.17
25	PENNCROSS Seed	5.5	5	4.5	0	5.00
26	Dinelli	5.5	5.5	3	0	4.67
27	Penncross Sod	4.5	5	4.5	0	4.67
..	Rep Average					0.00

**Overall Quality - David Stone - August 22, 1995**  
**Sunny Plots**  
 The Honors Course - Chattanooga, Tenn.

	Variety	Rep 1	Rep 2	Rep 3	Rep 4	Average
1	Crenshaw	8	8.5	7	7.5	7.75
2	PSU-A1	7.5	7	7.5	8	7.50
3	Atlanta	6.5	7	7	7	6.88
4	PSU-G2	7	6	6.5	7.5	6.75
5-T	SOUTHSHORE	6	6	7.5	7	6.63
5T	SR1020	7	6	6.5	7	6.63
7	PROVIDENCE	7	6.5	5.5	6.5	6.38
8	Cato	7	6.5	5.5	5.5	6.13
9-T	18th Green	6.5	5	6	6	5.88
9T	L-93	5	5.5	6.5	6.5	5.88
17-T	PENNLINKS	6.5	3	4.5	6	5.00
25	Penncross Sod	3.5	3.5	5	4	4.00
27	PENNCROSS Seed	5	3.5	2	2	3.13
..	<b>AVERAGE:</b>	5.59	5.30	5.24	5.74	5.47