

Table 1. Quality ratings of bentgrass cultivars and selections for 1994 - 97. This trial was established in September, 1993 at the Joseph Valentine Research Center, University Park, PA.

| Entry ² | Species ³ | Turfgrass Quality Ratings ¹ | | | | |
|------------------------------|----------------------|--|----------------|----------------|----------------|----------------------|
| | | Season Average | Season Average | Season Average | Season Average | Combined Season Ave. |
| | | 1994 | 1995 | 1996 | 1997 | 1994-97 |
| Loft's L-93 | CRB | 7.4 | 7.8 | 8.4 | 7.4 | 7.8 |
| Penn A-1 | CRB | 7.3 | 7.6 | 8.4 | 6.6 | 7.5 |
| Penn G-2 | CRB | 6.7 | 7.3 | 8.1 | 7.3 | 7.4 |
| Penn A-4 | CRB | 6.6 | 7.1 | 7.9 | 7.4 | 7.3 |
| Penn G-6 | CRB | 6.5 | 7.1 | 7.8 | 7.2 | 7.2 |
| Southshore | CRB | 6.7 | 6.8 | 8.0 | 7.3 | 7.2 |
| Cato | CRB | 6.8 | 7.2 | 7.5 | 7.0 | 7.1 |
| Providence | CRB | 6.8 | 7.1 | 7.6 | 6.3 | 7.0 |
| Imperial | CRB | 6.3 | 5.8 | 8.1 | 7.3 | 6.9 |
| Century | CRB | 6.1 | 5.8 | 7.7 | 7.5 | 6.8 |
| BAR Ws 42102 | CRB | 6.8 | 6.6 | 7.1 | 6.4 | 6.7 |
| ISI-Ap 89150 | CRB | 6.3 | 6.2 | 6.8 | 6.3 | 6.4 |
| Pennlinks | CRB | 6.2 | 6.4 | 6.7 | 6.3 | 6.4 |
| DG-P | CRB | 6.2 | 6.2 | 6.7 | 6.1 | 6.3 |
| Crenshaw | CRB | 6.1 | 5.1 | 7.3 | 6.7 | 6.3 |
| Backspin | CRB | 5.7 | 5.8 | 6.9 | 6.7 | 6.3 |
| MSUEB | CRB | 6.3 | 5.9 | 6.4 | 5.5 | 6.0 |
| SR 1020 | CRB | 5.8 | 5.8 | 6.2 | 6.3 | 6.0 |
| Regent | CRB | 5.6 | 5.7 | 6.3 | 5.4 | 5.8 |
| Lopez | CRB | 5.6 | 5.4 | 6.1 | 5.3 | 5.6 |
| Procup | CRB | 5.5 | 5.3 | 5.9 | 5.2 | 5.5 |
| Trueline | CRB | 5.4 | 5.4 | 6.0 | 4.9 | 5.4 |
| Mariner | CRB | 4.5 | 4.8 | 6.2 | 5.7 | 5.3 |
| Penncross | CRB | 5.3 | 5.1 | 5.5 | 4.7 | 5.2 |
| 18th Green | CRB | 5.9 | 4.8 | 5.3 | 4.3 | 5.1 |
| Tendez | COB | 5.1 | 4.0 | 1.1 | 1.0 | 2.8 |
| Seaside | CRB | 3.3 | 3.5 | 2.8 | 1.6 | 2.8 |
| BAR As 493 | COB | 4.5 | 3.1 | 1.0 | 1.0 | 2.4 |
| LSD at 5% level ⁴ | | 0.6 | 0.5 | 0.6 | 1.0 | -- |

¹ Refer to 'Assessments of Turfgrass Performance' for an explanation of performance criteria ratings.

² Names that are in bold type are commercially-available cultivars, those that are in plain type are experimental selections (not available to the general public).

³ Bentgrass species designated by the following letters: CRB = creeping bentgrass, COB = colonial bentgrass.

⁴ LSD = least significant difference. The LSD values at the bottom of each column represent the minimum difference between any two entries necessary to be 95% confident that the difference is not attributable to chance.

Table 2. Ratings of bentgrass cultivars and selections for 1993 - 97. This trial was established in September, 1993 at the Joseph Valentine Research Center, University Park, PA.

| Entry ² | Species ³ | Turfgrass Ratings | | | | |
|------------------------------|----------------------|-------------------------------------|--|--|--|--|
| | | Seedling Vigor ¹ 9/93 | Spring Green-up ¹ Combined Season Ave. (1995-97) | Color ¹ Combined Season Ave. (1994-96) | Texture ¹ Combined Season Ave. (1994-96) | Density ¹ Combined Season Ave. (1994-96) |
| Loft's L-93 | CRB | 4.3 | 5.9 | 6.6 | 7.5 | 7.6 |
| Penn A-1 | CRB | 4.2 | 3.9 | 6.4 | 8.3 | 8.4 |
| Penn G-2 | CRB | 2.8 | 4.7 | 5.1 | 7.3 | 8.1 |
| Penn A-4 | CRB | 6.5 | 4.0 | 6.4 | 8.3 | 8.0 |
| Penn G-6 | CRB | 3.5 | 4.6 | 5.3 | 7.8 | 7.8 |
| Southshore | CRB | 5.8 | 5.7 | 6.0 | 7.2 | 6.9 |
| Cato | CRB | 4.8 | 5.6 | 6.7 | 7.2 | 6.9 |
| Providence | CRB | 6.8 | 5.3 | 6.3 | 7.3 | 7.4 |
| Imperial | CRB | 5.8 | 5.1 | 5.7 | 7.2 | 7.0 |
| Century | CRB | 4.5 | 5.1 | 5.2 | 7.7 | 7.2 |
| BAR Ws 42102 | CRB | 4.5 | 3.8 | 5.4 | 7.2 | 7.1 |
| ISI-Ap 89150 | CRB | 6.8 | 5.1 | 6.9 | 6.8 | 6.6 |
| Pennlinks | CRB | 7.3 | 4.7 | 4.9 | 5.5 | 6.1 |
| DG-P | CRB | 3.3 | 6.0 | 6.8 | 6.0 | 6.0 |
| Crenshaw | CRB | 6.3 | 4.0 | 6.8 | 7.0 | 6.2 |
| Backspin | CRB | 4.7 | 5.2 | 4.7 | 7.2 | 6.7 |
| MSUEB | CRB | 6.2 | 4.8 | 5.3 | 6.0 | 6.0 |
| SR 1020 | CRB | 5.7 | 4.2 | 6.0 | 6.5 | 6.3 |
| Regent | CRB | 7.0 | 5.0 | 6.3 | 4.7 | 5.5 |
| Lopez | CRB | 4.3 | 5.3 | 5.6 | 4.2 | 5.3 |
| Procup | CRB | 5.8 | 4.4 | 5.6 | 4.5 | 5.2 |
| Trueline | CRB | 4.5 | 5.0 | 5.7 | 4.2 | 5.4 |
| Mariner | CRB | 6.8 | 4.6 | 4.6 | 5.2 | 5.3 |
| Penncross | CRB | 7.5 | 5.1 | 5.6 | 3.8 | 5.1 |
| 18th Green | CRB | 3.5 | 1.9 | 8.9 | 6.3 | 6.1 |
| Tendez | COB | 6.3 | 5.9 | 6.3 | 4.7 | 4.1 |
| Seaside | CRB | 7.8 | 3.3 | 2.7 | 1.5 | 2.7 |
| BAR As 493 | COB | 1.7 | 4.6 | 5.8 | 2.8 | 3.2 |
| LSD at 5% level ⁴ | | 1.1 | 1.0 | 0.6 | 0.8 | 0.5 |

¹ Refer to 'Assessments of Turfgrass Performance' for an explanation of performance criteria ratings.

² Names that are in bold type are commercially-available cultivars, those that are in plain type are experimental selections (not available to the general public).

³ Bentgrass species designated by the following letters: CRB = creeping bentgrass, COB = colonial bentgrass.

⁴ LSD = least significant difference. The LSD values at the bottom of each column represent the minimum difference between any two entries necessary to be 95% confident that the difference is not attributable to chance.

Table 3. Ratings of bentgrass cultivars and selections for 1994 - 98. This trial was established in September, 1993 at the Joseph Valentine Research Center, University Park, PA.

| Entry ² | Species ³ | Turfgrass Ratings | | | | | |
|------------------------------|----------------------|--------------------------|--------------------------|--------------------------|------------------------|--------------------|---------------------------|
| | | Dollar Spot ¹ | Dollar Spot ¹ | Cool Temp. | Red | Brown | <i>Poa</i> |
| | | Season Ave. | Season Ave. | Brown Patch ¹ | Leaf Spot ¹ | Patch ¹ | <i>annua</i> ¹ |
| | | 1994 | 1995 | 4/4/96 | 8/7/95 | 7/21/95 | 5/5/98 |
| Loft's L-93 | CRB | 8.1 | 8.0 | 3.7 | 8.3 | 0.3 | 3.8 |
| Penn A-1 | CRB | 7.5 | 8.1 | 12.7 | 4.3 | 4.3 | 0.8 |
| Penn G-2 | CRB | 7.1 | 8.0 | 11.7 | 6.3 | 26.7 | 3.2 |
| Penn A-4 | CRB | 6.5 | 7.0 | 8.7 | 7.7 | 11.0 | 2.3 |
| Penn G-6 | CRB | 6.4 | 7.3 | 0.3 | 6.7 | 11.0 | 3.7 |
| Southshore | CRB | 6.8 | 7.2 | 11.0 | 6.7 | 3.7 | 1.8 |
| Cato | CRB | 6.4 | 8.0 | 2.7 | 7.3 | 4.0 | 5.5 |
| Providence | CRB | 7.1 | 7.2 | 1.3 | 7.3 | 3.7 | 3.7 |
| Imperial | CRB | 5.9 | 6.8 | 8.3 | 6.0 | 4.7 | 1.8 |
| Century | CRB | 5.3 | 5.1 | 4.0 | 6.7 | 5.7 | 1.2 |
| BAR Ws 42102 | CRB | 7.3 | 8.1 | 6.0 | 6.3 | 10.0 | 7.2 |
| ISI-Ap 89150 | CRB | 6.7 | 7.6 | 16.7 | 4.7 | 11.0 | 8.0 |
| Pennlinks | CRB | 6.9 | 7.3 | 10.0 | 7.0 | 15.7 | 2.0 |
| DG-P | CRB | 7.0 | 7.2 | 9.3 | 8.0 | 5.0 | 3.2 |
| Crenshaw | CRB | 5.0 | 5.3 | 6.7 | 5.3 | 15.7 | 1.8 |
| Backspin | CRB | 5.5 | 6.6 | 9.7 | 5.3 | 1.3 | 4.8 |
| MSUEB | CRB | 7.1 | 7.8 | 7.3 | 7.3 | 9.3 | 7.0 |
| SR 1020 | CRB | 5.7 | 6.6 | 10.3 | 6.0 | 22.7 | 2.0 |
| Regent | CRB | 6.5 | 7.8 | 7.3 | 7.7 | 7.0 | 4.2 |
| Lopez | CRB | 6.8 | 7.3 | 4.3 | 9.0 | 9.3 | 11.0 |
| Procup | CRB | 6.5 | 7.0 | 2.3 | 8.7 | 8.3 | 10.0 |
| Trueline | CRB | 6.8 | 7.3 | 5.3 | 8.3 | 3.7 | 11.0 |
| Mariner | CRB | 4.8 | 6.8 | 24.0 | 8.0 | 26.0 | 6.7 |
| Penncross | CRB | 6.4 | 7.9 | 2.7 | 8.3 | 10.0 | 4.2 |
| 18th Green | CRB | 4.8 | 4.4 | 0.6 | 9.0 | 10.3 | 17.7 |
| Tendez | COB | 7.9 | 8.9 | 7.7 | 9.0 | 5.3 | 36.7 |
| Seaside | CRB | 6.6 | 8.2 | 12.3 | 9.0 | 35.0 | 28.3 |
| BAR As 493 | CRB | 9.0 | 8.6 | 3.7 | 9.0 | 1.7 | 35.0 |
| LSD at 5% level ⁴ | | 1.1 | 0.7 | 10.0 | 2.0 | 9.4 | 7.3 |

¹ Refer to 'Assessments of Turfgrass Performance' for an explanation of performance criteria ratings.

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³ Bentgrass species designated by the following letters: CRB = creeping bentgrass, COB = colonial bentgrass.

⁴ LSD = least significant difference. The LSD values at the bottom of each column represent the minimum difference between any two entries necessary to be 95% confident that the difference is not attributable to chance.