

The Ultimate Putting Surface!



Legendary Velvet Bentgrass is a new

introduction in 2005 from Lebanon Turf, and will set the new standard for golf course greens. It is the first of an all-new generation of velvet bentgrasses that may change the way Golf Course Architects and Superintendents design and manage golf course greens in the future. Legendary features a vibrant medium-green color, dense growth habit, and a very smooth consistent putting surface.

It also exhibits improved shade and drought tolerance and has a reduced requirement for water, fertilizer, and fungicide inputs as compared to traditional creeping bentgrass varieties. Velvet bentgrass is generally more dollar spot resistant than creeping bentgrass and more brown patch resistant than colonial bentgrass. Legendary was selected for improved resistance to dollar spot, copper spot and brown patch, as well as overall turf quality.

In the 2003 NTEP Greens Height trials, Legendary tied for # 1 for overall turf quality of velvet bentgrass varieties. It also ranked #3 overall for turfgrass quality under low maintenance, #1 overall for seedling vigor, tied for #2 overall for summer density, and tied for #1 overall for Brown Patch ratings.

Legendary is adapted well from the upper transition zone to cool season zones in the Northern tier states, Canada, and Europe. Velvet bentgrass has been used for decades in the New England States and in Europe. Many golfers are actually willing to pay a premium to play on these courses with Velvet bentgrass greens.

Velvet bentgrass performs best in slightly acidic soils. Acidifying fertilizers containing ammonium sulfate like Country Club 16-4-8 will help improve velvet bentgrass performance in higher pH soils. The high density of velvet bentgrasses requires frequent light topdressing and vertical mowing to help limit excessive thatch production.

Treatment with a Pythium fungicide will help prevent damping off during the seedling establishment stage and enhance stand establishment, once established they are quite resistant to Pythium. The benefits of using velvet bentgrass include reduced nitrogen, water, and fungicide inputs making it an excellent choice for new or renovated golf course greens.



Legendary Velvet Bentgrass

- *Top ranked for turf quality*
- *Top ranked for dollar spot resistance*
- *Vibrant, medium green color*
- *Shade and drought tolerant*
- *Top ranked under low maintenance*
- *Top ranked for winter color*
- *Very smooth putting surface*

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2003 NTEP Greens Height Trial 23 locations

- Tied for # 1 for Velvet bentgrass varieties
- Ranked #3 overall for turfgrass quality under low maintenance
- Tied for #5 overall at 1/8 in. or lower mowing height
- Tied for #1 overall for fine leaf texture
- Tied for #1 overall for seedling vigor
- Tied for #2 overall for summer density ratings
- Tied for #1 overall for winter color
- Ranked #4 overall for dollar spot ratings
- Tied for #1 for Brown Patch ratings
- Tied for #1 Velvet for Copper spot resistance
- Tied for #2 for fall color at Mass. site

NTEP Greens Trial

Mean Turfgrass Quality Ratings Of Bentgrass Cultivars Grown On A Green At 12 Locations Using A 1/8 in. Or Lower Mowing Height

2004 NTEP data - Table 3

Turfgrass quality ratings 1-9
9 = ideal turf

2305050	6.3
SRX 1GD	6.2
Declaration	6.2
Penn A-1	6.1
Shark	6.1
CY-2	6.0
007 (DSB)	6.0
Legendary (velvet)	5.9
SRX 1 GPD	5.9
Villa (velvet)	5.9
T-1	5.9
Independence	5.9
Memorial	5.9
Greenwich (velvet)	5.8
EFD (velvet)	5.8
IS-AP 9	5.8
Bengal	5.8
LS-44	5.8
13-M	5.7
Alpha	5.7
Kingpin	5.7
Benchmark DSR	5.6
Vesper (velvet)	5.5
Pennlinks II	5.5
SR 7200 (velvet)	5.5
Penncross	5.1
LSD Value	0.3

Brown Patch ratings of bentgrass cultivars grown on a green

2004 NTEP data – Table 21

Brown Patch ratings 1-9
9 = no disease

EFD (velvet)	8.2
Legendary (velvet)	8.2
Villa (velvet)	8.0
235050	7.8
SRX 1GD	7.8
Greenwich (velvet)	7.7
IS-AP 9	7.7
SR 7200 (velvet)	7.7
Shark	7.6
Vesper (velvet)	7.6
007 (DSB)	7.5
13-M	7.3
Declaration	7.3
Independence	7.3
CY-2	7.2
Penn A-1	7.1
Kingpin	7.0
SRX 1 GPD	7.0
T-1	6.9
Alpha	6.8
LS-44	6.8
Benchmark DSR	6.8
Pennlinks II	6.8
Memorial	6.6
Bengal	6.1
Penncross	5.4
LSD Value	0.9

Summary of Turfgrass Quality Ratings for Bentgrass cultivars in the 2003 National bentgrass (putting green) test

2004 NTEP data - Appendix table

Turfgrass quality ratings 1-9
9 = ideal turf

Declaration	6.3
007 (DSB)	6.3
235050	6.3
Shark	6.2
SRX 1GD	6.2
T-1	6.2
Penn A-1	6.2
CY-2	6.2
IS-AP 9	6.1
Memorial	6.1
Independence	6.1
LS-44	6.0
SRX 1GPD	6.0
Alpha	5.9
13-M	5.9
Bengal	5.9
Benchmark DSR	5.8
Kingpin	5.8
Pennlinks II	5.7
Legendary (velvet)	5.5
Greenwich (velvet)	5.5
Villa (velvet)	5.5
EFD (velvet)	5.4
Vesper (velvet)	5.3
Penncross	5.2
SR 7200 (velvet)	5.1
LSD Value	0.2