

SEED RESEARCH OF OREGON

The germination of ideas

FEATURES

- Fast germination, strong seedling vigor and rapid establishment
- Superior turf quality
- Excellent Dollar Spot and Brown Patch resistance
- Improved heat tolerance and excellent winter performance
- Uniform dark green color
- Vigorous, uniform, moderately dense growth
- Uses: Ideal for use on golf course greens, tees and fairways

BENEFITS

- Reduced fungicide use
- Competitive against *Poa annua*
- Year-round quality and performance
- Excellent results at a variety of mowing heights

SEEDING RATES

- Seeds/lb: 6,000,000
- Seeds/kg: 13,200,000
- New Turf:
 - 1–1.5 lbs/1,000 sq ft
 - 5–7.5 gr/m²
 - 45–65 lbs/acre
 - 50–75 kgs/hectare
- Overseeding/Interseeding:
 - 2–3 lbs/1,000 sq ft
 - 10–15 gr/m²
 - 90–135 lbs/acre
 - 100–150 kgs/hectare

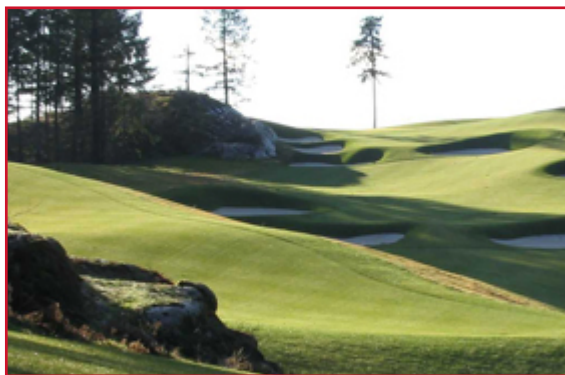
ESTABLISHMENT

- Germination: 3–5 days (6–10 days in cooler weather)
- First mowing: approximately 21 days depending on usage
- First limited use: approximately 6–8 weeks depending on conditions

DOMINANT X-TREME 7

CREEPING BENTGRASS BLEND

Dominant X-treme 7 Creeping Bentgrass blend is a welcome enhancement to Seed Research of Oregon's stable of blends. This blend of two superior cultivars, SR 1119 and 007, was designed for superior performance in all areas where creeping bentgrass can be used for greens or fairways. Dominant X-treme 7 takes improvements to the next level, providing a denser, even faster establishing, more Dollar Spot resistant turf, with advanced cold weather performance and winter color.



Breeding

Dominant X-treme 7 comprises a broad genetic base, carefully matched, resulting in excellent resistance to Dollar Spot, Brown Patch, and Pythium. It combines the superior attributes of two separate breeding programs with similar aims but unique gene pools. SR 1119 was developed from the original Providence germplasm

collection that was started at URI in the 1960s. Plants were selected for color, texture and seed yield, and evaluated in experimental greens. The five clones selected from the green, as the parent material for SR 1119, showed exceptional Dollar Spot resistance, uniform color and texture, and were of excellent turf quality. 007 Creeping Bentgrass has a broad genetic base developed using twenty four parent plants, including plants identified from the varieties L-93 and Southshore. Additional clones were collected from older greens on high stress golf courses in the northeast section of the United States. All individual parental clones of creeping bentgrass used in the development of 007 were selected for improved Dollar Spot resistance, bright dark green leaf color, excellent winter color with no purpling and a vigorous, uniform, moderately dense growth habit.

Uses

Recommended uses for Dominant X-treme 7 include seeding or sodding golf course putting greens, tees, and fairways, either new or renovated, as well as overseeding conversions on greens planted to older, poorer performing varieties that need to be updated. This new creeping bentgrass blend adapts well for low mowing on greens, as well as for reduced fungicide management on fairways and tees.

Maintenance

Basic maintenance requirements include frequent light top-dressing, reduced nitrogen fertility, and occasional grooming. Due to Dominant X-treme 7's lower fertility requirements and excellent disease resistance, maintenance inputs are greatly lowered. Dominant X-treme 7 also has reduced thatch production, thus reducing Bentgrass Bloat (summer scalp) for easier maintenance. Dominant X-treme 7 will maintain fast putting speeds at variable greens heights.

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CREEPING BENTGRASS BLEND

2003 NTEP — Putting Green Data Percent Dollar Spot Ratings of Creeping Bentgrass Cultivars on a Green at Lexington, KY 2004 Data

Cultivar	% Dollar Spot	Turfgrass Quality Ratings 1-9; 9=Ideal Turf					
007	8.7	Tyee	12.3	T-1	16.0	Independence	21.9
Memorial	7.2	Penn A-1	13.6	Penncross	16.9	LSD@5%	6.5
Declaration	7.3	Authority	14.5	Shark	18.5		
		LS-44	15.9	Alpha	21.6		

Performance of Creeping Bentgrass Cultivars on a Putting Green Seeded in Sept 2002 at North Brunswick, NJ 2003-05 Average

Cultivar	Average	Performance Ratings 1-9; 9=Ideal Turf					
007	6.6	Tyee	6.1	Penn A-1	5.1	Seaside II	4.3
Authority	6.4	MacKenzie	5.9	Penn A-4	4.8	LSD @ 5%	0.5
Declaration	6.2	Kingpin	5.2	Independence	4.8		
		Penn G-1	5.2	Southshore	4.4		

2003 National Bentgrass (Putting Green) Test Percent Establishment Ratings of Bentgrass Cultivars Grown on a Green in Raleigh, NC 2004 Data

Cultivar	Mean	Percent Establishment Ratings					
007	96.0	T-1	90.3	Benchmark DSR	87.2	Declaration	80.6
Memorial	94.2	Bengal	91.1	Penncross	85.9	LSD @ 5%	14.7
Tyee	93.2	Pennlinks II	90.9	Kingpin	85.6		
		Shark	90.3	Independence	83.6		

2003 NTEP – Fairways/Tees Quality Ratings of Creeping Bentgrass Cultivars Grown on a Fairway at 5 Location in the Transition Zone 2005 Data

Cultivar	Quality	Quality Ratings					
L-93	6.6	SR 1119	6.5	Princeville	6.2	Pencross	6.1
Alpha	6.6	T-1	6.5	Kingpin	6.2	Declaration	5.8
LS-44	6.6	Pennlinks II	6.5	SR 1150	6.1	Seaside	4.9
		Bengal	6.3	Shark	6.1	LSD @ 5%	0.4

To determine whether a cultivar's performance is different from another, subtract one entry's mean from another entry's mean. If this value is larger than the LSD value, the observed difference in cultivar performance is significant and did not happen by chance. Complete tables are available upon request.