

SEED RESEARCH OF OREGON

The germination of ideas

FEATURES

- Excellent Winter hardiness
- High seedling vigor, rapid germination and establishment.
- Excellent Brown Patch resistance
- High density with fine leaf texture
- High turf performance under reduced maintenance and inputs
- Use for low maintenance fairways or lawns in Pacific Northwest and North of Transition zone

BENEFITS

- Cool weather active growth, for later season Fall growth and earlier Spring green-up
- Bright dark green color mixes well with Fine Fescues for low maintenance turf
- Reduced inputs
- Superior wear tolerance
- Does not thatch up when used on fairways
- Incredible heat and drought tolerance

SEEDING RATES

- Seeds/lb: 5,000,000
Seeds/kg: 11,000,000
- New turf:
1.5–2 lbs/1,000 sq ft
7.5 to 10 g./sq. m
65–90 lbs/acre
75–100 kg/ha
- Overseeding/Interseeding:
2–4 lbs/1000 sq. ft.
10–20 g/sq. m
90–180 lbs/acre
100–200 kg/ha

ESTABLISHMENT

- Germination: 7–10 days (under good conditions)
- First mowing: 3 weeks after seeding
- Playable in 4–6 weeks



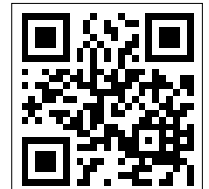
Puritan (Exp. PSG-NBC or PSG 7NBC) Colonial bentgrass (*Agrostis capillaris*) demonstrates excellent performance under reduced fertility and can be used for low maintenance lawns and golf courses. Puritan Colonial bentgrass shows superior Brown Patch resistance, stress tolerance and high density. The wear tolerance of Puritan at fairway height of cut is superior to most creeping bentgrasses. It stays green longer in the fall than creeping bentgrass and greens up earlier in the spring. The bright green color blends well with fine fescues for low maintenance turf on golf course tees and fairways, home lawns and parks.



Puritan traces back primarily to clones selected from old stressed turf sites in the Northeast and Northwest United States, both at golf courses and low maintenance turf sites. These clones went through multiple cycles of screening and selection for improved Brown Patch resistance and high turf quality, particularly under reduced inputs.

Uses

Low maintenance and reduced input fairways, especially when combined with improved fine fescues. Use for reduced maintenance lawns with less mowing, fertilizer and herbicides throughout the northern United States and Canada and similar climates around the globe. Colonial bentgrasses are found in sites with no irrigation, fertilization or maintenance. It can also be used as part of winter overseeding blends in warm climate zones, especially on ultradwarf bermudagrass greens. Puritan can be mown from ½ inch to unmown meadow look for permanent turf, or at putting greens height for overseeded greens.



PURITAN
COLONIAL BENTGRASS

**Fairway Trial Rutgers University seeded Sept, 2012
2013 Data**

Rating: 1-9; 9=Best

<i>Cultivar</i>	<i>Species</i>	<i>Quality</i>	<i>Brown Patch</i>	<i>Cultivar</i>	<i>Species</i>	<i>Quality</i>	<i>Brown Patch</i>
Puritan	Colonial	6.9	6.2	L-93	Creeping	4.3	5.5
Capri	Colonial	5.9	5.0	SR 7150	Colonial	3.7	3.8
Tiger II	Colonial	4.8	3.5	Penncross	Creeping	3.2	4.3
Glory	Colonial	4.6	4.2	<i>LSD@5%</i>		<i>1.0</i>	<i>1.9</i>

**Fairway Trial Rutgers University seeded Sept, 2010
2011 Data**

Rating: 1-9; 9=Best

<i>Cultivar</i>	<i>Species</i>	<i>Quality</i>	<i>Brown Patch</i>	<i>Cultivar</i>	<i>Species</i>	<i>Quality</i>	<i>Brown Patch</i>
Puritan	Colonial	6.3	5.8	Glory	Colonial	4.6	4.3
Capri	Colonial	6.3	5.0	L-93	Creeping	4.1	5.2
Greentime	Colonial	5.0	4.5	SR 7150	Colonial	4.0	3.5
Alister	Colonial	4.9	4.7	Penncross	Creeping	3.3	3.8
Tiger II	Colonial	4.6	5.0	<i>LSD@5%</i>		<i>.08</i>	<i>1.5</i>

**Colonial Bentgrass Greens Trial Northern Scandinavia
STERF Data**

<i>Cultivar</i>	<i>Quality</i>	<i>Color</i>	<i>Winter Hardiness</i>	<i>Cultivar</i>	<i>Species</i>	<i>Quality</i>	<i>Brown Patch</i>
Puritan	6.4	5.9	6.1	Barking	5.1	5.2	5.4
Jorvick	5.5	5.6	5.8	Denso	5.1	5.6	5.1
Bardot	5.2	5.5	5.3	Aberroyal	4.9	5.5	5.0
Leirin	5.2	5.4	6.5	Greenspeed	4.7	5.3	4.3
Nor	5.2	5.9	6.7				

**Low maintenance lawn trial Rutgers University seeded August, 2008
2009 Data**

Rating: 1-9; 9=Best

<i>Cultivar</i>	<i>Species</i>	<i>Quality</i>	<i>Cultivar</i>	<i>Species</i>	<i>Quality</i>
Rosecity	Strong Creeping Red	6.7	Spartan II	Hard Fescue	6.2
Ruddy	Strong Creeping Red	6.5	Cascade	Chewings Fescue	5.2
Puritan	Colonial Bentgrass	6.4	Tiger II	Colonial Bentgrass	5.0
Guardian 41	Tall Fescue	6.3	SR 7100	Colonial Bentgrass	4.6
Mustang 4	Tall Fescue	6.3	Jaguar 3	Tall Fescue	4.1
SR 8650	Tall Fescue	6.3	Boreal	Strong Creeping Red	3.5
SR 5130	Chewings Fescue	6.3	<i>LSD@5%</i>		<i>1.0</i>

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.