

QUANTUM LEAP BLUEGRASS



Northstar Seed Ltd

"Come grow with us"

Northstar Seed Ltd.

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Quantum Leap is an extremely versatile bluegrass variety that produces a premium turf quality. With a dark genetic color equivalent to some of the darkest varieties available, **Quantum Leap provides** a deep, rich green color even under reduced nitrogen fertilizer rates. In fact, according to the 1996 Medium/High Input NTEP test, **Quantum Leap's** Mean Turfgrass Quality was equal to Midnight at 2.1-3.0 lbs of Nitrogen / 1,000 sq ft/yr.

Quantum Leap is an excellent variety to blend with other bluegrasses, perennial ryegrass, fine fescues and tall fescue.

Agronomic Characteristics

- High temperature tolerance
- Close mowing capability (able to withstand 1/2" cuttings)
- Disease resistance (#1 in Melting Out, 9 out of 9 for crown rust)
- Dark color (see chart)
- Shade tolerance (see chart)

Technical data herein is solely a compilation of observations from various geographical areas, conditions, and laboratory tests. Growing results, including varietal characteristics and performance, vary depending on region, climate, soil, seed enhancements, environmental conditions, local management practices and other factors. Northstar Seed DOES NOT GUARANTEE growing success. Any technical advice by Northstar Seed concerning the use of its seeds is given without charge. Therefore, Northstar Seed disclaims any warranty and disclaims all liability for such advice.

Turf Performance – NTEP 2000 Scores

| COLOR | Rating* |
|-----------------------------------|---------------|
| Genetic Color | Fair |
| Fall Color (Sept-Oct) | Excellent |
| QUALITY | |
| Full Sun | Good |
| Dense Shade | Excellent |
| Mowed at 0.5-1.0 inches | Good |
| Mowed at 1.1-1.5 inches | Good |
| Mowed at 1.6-2.0 inches | Very Good |
| Mowed at 2.1+ inches | Excellent |
| Using 2.1-3.0 lbs/N/1000sq ft | Good |
| Using 3.1-4.0 lbs/N/1000sq ft | Very Good |
| Using 4.1+ lbs/N/1000sq ft | Very Good |
| All Climate Zones | VG-Excellent. |
| Tolerance | |
| Drought Tolerance (wilt. & dorm.) | Very Good |
| Frost Tolerance | Excellent |
| Wear Tolerance | Very Good |
| TEXTURE/DENSITY | |
| Leaf Texture | Good |
| Spring, Summer, & Fall Density | Very Good |
| Stemminess | Excellent |
| Sod Strength | Excellent |
| Thatch Measurements | Excellent |
| DISEASE RESISTANCE | |
| Brown Patch | Excellent |
| Leaf Spot | Excellent |
| Damping Off | Very Good |
| Grey Snow Mold | Excellent |
| Leaf -, Stem-, & Crown Rust | Excellent |
| Fungal Disease | Excellent |
| Dollar Spot | Very Good |
| Stripe Smut | Excellent |
| Melting-Out | Excellent |
| Pink Snow Mold | Very Good |
| Necrotic Ring | Very Good |
| Microdochium Patch | Good |
| Summer Patch | Very Good |
| Poa Annua | Good |
| Billbug & Chinch Bug | Excellent |

*The NTEP uses a rating system and statistical analysis to score grasses. For ease of use we have categorized this data into Excellent, Very Good, Good, and Fair ratings. For complete details visit www.ntep.org



www.northstarseed.com