



Quantum Leap is an extremely versatile bluegrass variety that produces a premium turf quality in the Transition, Cool-Humid and Cool-Arid turf zones. 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.

QuantumLeap 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)

Seeding Rate

New Lawn: 2-4 lbs. per 1,000 sq. feet
 Established Lawn: 1-3 lbs. per 1,000 sq. feet

Turf Performance – NTEP 2000 Scores

COLOR	Rating*
Genetic Color	Fair
Fall Color (Sept-Oct)	Excellent
Winter Color	Good
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*

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. AMPAC Seed DOES NOT GUARANTEE growing success. Any technical advice by AMPAC Seed concerning the use of its seeds is given without charge. Therefore, AMPAC Seed disclaims any warranty and disclaims all liability for such advice.

TECH SHEET