

# SEED RESEARCH OF OREGON

*The germination of ideas*

## FEATURES

- Exceptional sod strength
- High seedling salt tolerance
- Very dark green genetic color
- High wear and traffic tolerance across a wide range of climates
- Extremely dense growth habit, even in Summer
- Excellent disease resistance and shade tolerance
- Uses: Ideal for golf course tees & fairways, sports fields, parks, and high end landscapes

## BENEFITS

- Reduced weed invasion problems
- Excellent resistance to Summer Patch, Stem Rust, Dollar Spot, Melting Out, and Crown Rust
- Good resistance to Leaf Spot and Chinch Bug
- Earlier Spring green-up than other Midnight types
- Tolerant of extremely close mowing heights as low as 1/2 inch
- Superior turf quality under different management practices

## SEEDING RATES

- Seeds/lb: 1,200,000
- New Turf  
2 - 3 lbs/1,000 ft<sup>2</sup>  
90 - 125 lbs/acre

## ESTABLISHMENT

- Germination: 14 - 21 days under ideal conditions
- First limited use: 4 - 6 weeks depending on condition

## ARCADIA

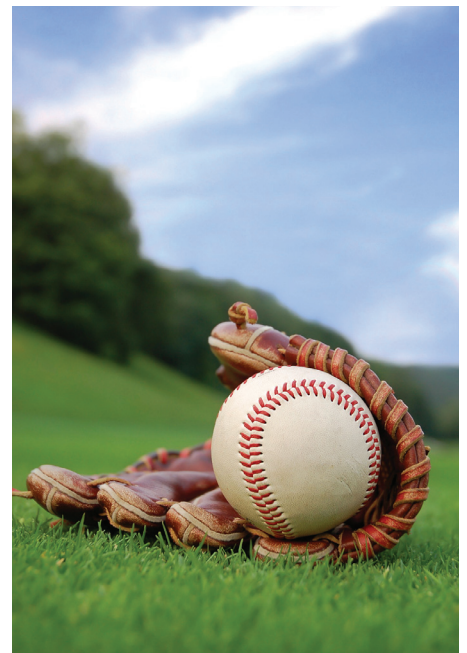
### KENTUCKY BLUEGRASS

**Arcadia Kentucky Bluegrass** was developed from a unique cross of Midnight and Limousine Kentucky bluegrasses, and is classified as a Compact Midnight type with an aggressive growth habit. Selected by Seed Research of Oregon agronomists for its superior performance in many areas, Arcadia is a dark green, fine textured Kentucky bluegrass with excellent disease resistance. This variety is a high demand, very popular bluegrass among sod farms and other elite project managers.

Getting turf to look good is the easy part. Getting that same turf to stand up to constant traffic, high levels of use and abuse is something else. Arcadia Kentucky Bluegrass is a perfect fit for everything from sports fields to golf course fairways and tees, as well as sod production, and landscaped lawns. With color ratings equal or better than Midnight, and distinctive performance characteristics all its own, Arcadia gives you beautiful turf that's built for top-notch performance today, tomorrow, and beyond. Top ranked in two NTEP trials across the USA, Arcadia exhibits superior turf quality under mowing heights ranging from 1/2 inch golf fairways to 3 inch home lawns. It has exceptional sod strength and high traffic wear tolerance. And, Arcadia is superior longer, greening up earlier with year round high density and low weed invasion. With its high disease, drought, and heat tolerance, Arcadia is built to take the summer sun when other bluegrasses are stressed and brown.

### Adaptation and Use

Arcadia is perfectly adapted for golf course fairways and tees down to 1/2 inch, as well as in manicured roughs, parks, and sports fields mowed at heights over 2 inches. With its dense, dark green growth combined with superior sod strength and excellent performance in the transition zone, Arcadia is an excellent choice for both high traffic areas and shaded situations. From city parks and ball fields to professional stadiums, backyard lawns to commercial landscapes, on golf course tees and fairways, Arcadia alone or blended, is the perfect solution to your grassing strategies.





**2000 Kentucky Bluegrass NTEP – Genetic Color Ratings of Kentucky Bluegrass Cultivars (2003 Data)**

Genetic Color Ratings: 1 – 9; 9 = Dark Green

Variety	Mean	Variety	Mean	Variety	Mean	Variety	Mean
Chicago II	7.6	Midnight	7.2	Liberator	6.8		
<b>Quantum Leap</b>	<b>7.3</b>	Award	7.1	Langara	6.4		
<b>Arcadia</b>	<b>7.2</b>	<b>Kingfisher</b>	<b>7.0</b>	Unique	6.1		
Total Eclipse	7.2	NuGlade	6.9	Brilliant	5.9	LSD Value	0.2

**2000 Kentucky Bluegrass NTEP – Spring Green Up Mean of 7 Locations (2003 Data)**

Spring Green Up Ratings: 1 – 9; 9 = Completely Green

Variety	Mean	Variety	Mean	Variety	Mean	Variety	Mean
Kenblue	6.7	<b>Arcadia</b>	<b>5.0</b>	Total Eclipse	4.7		
<b>SR 2284</b>	<b>6.0</b>	Midnight II	4.9	North Star	4.5		
<b>Kingfisher</b>	<b>6.0</b>	NuGlade	4.9	Excursion (J-1648)	4.5	LSD Value	0.5
Midnight	5.3	Tsunami	4.8	<b>Quantum Leap</b>	<b>4.4</b>	C.V.	19.9

**2000 Kentucky Bluegrass NTEP – Low Mowing Heights, High Maintenance Mean of 5 Locations (2003 Data)**

Turfgrass Quality Rating: 1 – 9; 9 = Ideal Turf

Variety	Mean	Variety	Mean	Variety	Mean	Variety	Mean
Nu Destiny	6.3	Total Eclipse	6.1	<b>Quantum Leap</b>	<b>5.8</b>		
Midnight II	6.2	Freedom II	5.9	Langara	5.7		
Midnight	6.2	<b>Kingfisher</b>	<b>5.8</b>	Unique	5.6		
<b>Arcadia</b>	<b>6.1</b>	Liberator	5.8	Brilliant	5.6	LSD Value	0.4

**2000 Kentucky Bluegrass NTEP – Sod Stretching Measurements of Kentucky Bluegrass Cultivars – NE (2003 Data)**

Sod Stretching Measurements in Pounds

Variety	Mean	Variety	Mean	Variety	Mean	Variety	Mean
Liberator	233.0	Limousine	123.5	<b>Quantum Leap</b>	<b>16.0</b>		
Midnight	197.7	Total Eclipse	45.0	Chicago II	13.0		
<b>Arcadia</b>	<b>142.3</b>	Langara	43.0	Midnight II	10.0		
NuGlade	130.7	Nu Destiny	16.3			LSD Value	41.0

*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.*