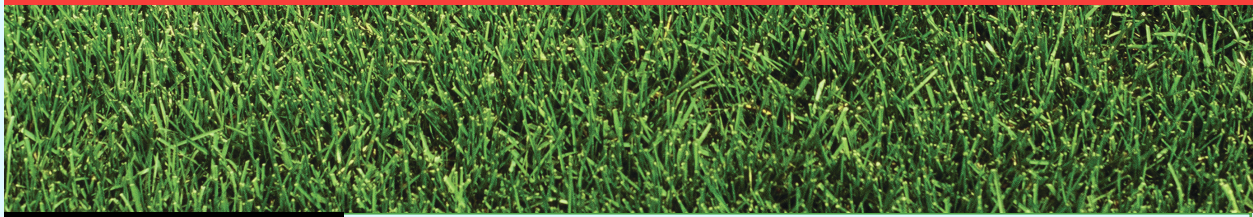




# CARDINAL

**CREeping RED FESCUE**



**CARDINAL**  
CREeping RED FESCUE

**AGGRESSIVE-PERSISTENT-VERSATILE**

- EXCELLENT TURF QUALITY
- BROAD DISEASE RESISTANCE
- SUMMER STRESS TOLERANT
- AGGRESSIVE AND COMPETITIVE
- SHADE TOLERANT

Cardinal is a broadly adapted fine fescue that is well suited to poor drier soils and reduced fertility under both sun and shaded environments.

Cardinal is aggressive and competitive, quickly establishing a dense turf with excellent insect and disease resistance. After several years of NTEP testing, Cardinal recorded the most complete summer stand coverage and density of any fescue.

Cardinal's color and leaf texture is more compatible with bluegrass and ryegrass, as well as other fine fescue species, in mixtures to improve shade tolerance and low fertility density.

Cardinal is quick to establish, a plus for slopes and drainage areas threatened by erosion. Under a management of only seasonal mowings, Cardinal provides pleasing visual looks and protective ground cover for open areas, hillsides, and golf course roughs.

**SUMMER PERFORMANCE CHAMPION**

	% COVER	DENSITY	COLOR
HIGH	96.0	6.6	6.0
<b>Cardinal</b>	<b>96.0</b>	<b>6.5</b>	<b>5.7</b>
LOW	74.0	4.4	4.3
LSD	12.0	0.9	1.2

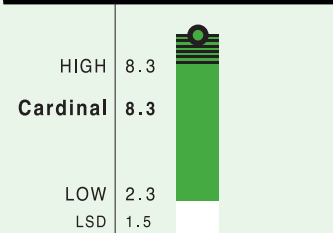
0-100%, 100 = complete coverage. 1.9: 9 = most dense, darkest color 2003 NTEP 2006 data 07-5

**Cardinal** is the leader when it comes to summer performance. Its color, density, and complete stand coverage is unsurpassed.

● Denotes MVS Variety Ranking    ■ Denotes Top LSD Group  
 ■ Denotes Range of Values Measured

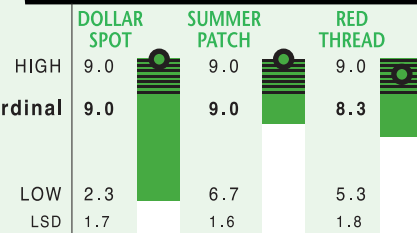
**AREAS OF USE**

- ENVIRONMENTALLY SENSITIVE AREAS
- DRY, SHADED AREAS
- BLUEGRASS/RYEGRASS MIXTURES
- SLOPES, PARKS, RECLAMATION
- RESIDENTIAL TURF

**TRAFFIC TOUGHNESS**


**Cardinal** is rugged and durable - an often needed characteristic in low fertility and shaded areas.

1-9, 9 = least injury. 2003 NTEP 2006 data 07-5

**DISEASE RESISTANCE**


**Cardinal** is broadly resistant to a number of popular turf diseases. This results in better density retention under conditions of stress.

1-9, 9 = no disease. 2003 NTEP 2006 data 07-5

**SEEDING AND OVERSEEDING** For typical situations seed Cardinal at the rate of 4-5 lbs per 1000 sq. ft. Ski slopes, reclamation, and open turf areas should be seeded at the rate of 150-200 lbs per acre depending on the stand density desired. In mixtures with other cool season species, up to 1/3 Cardinal may be employed to improve shade tolerance or low fertility performance.

**MAINTENANCE** Cardinal germinates after the first week and vigorously establishes. It can generally be cut by the third week and maintained at a height of 1" to 3". On slopes and inaccessible areas further maintenance is generally not necessary and mowings can be reduced to one or two per growing season. A starter type fertilizer, used at time of seeding and worked into the seed bed, will hasten and improve establishment and fill in.

AUTHORIZED DEALER



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