



SHENANDOAH

SPORT

TURF-TYPE TALL FESCUE

BREEDER

NJAES/Rutgers University

DESCRIPTION

Shenandoah Sport is a new addition to the family of improved turf type tall fescues. Following in the footsteps of Shenandoah, this new generation of turf type tall fescue has deep dark green color, a dense uniform sword, and drought tolerant turf along with the industries first ever multiple strain resistance to brown patch incited by *Rhizoctonia solani*. Multiple resistance to brown patch has been confirmed in CTBT (Commercial Turfgrass Breeders Test) trials conducted in Arkansas, New Jersey, North Carolina and Kentucky. Shenandoah Sport also exhibits exceptional turf quality, tremendous wear tolerance and is resistant to other diseases including leaf spot, winter brown blight and pythium blight. Shenandoah Sport is an eco-friendly variety that requires less cultural and management input which results in a reduced "carbon footprint". Less water, less mowing, less fertilizer and is self repairing due to the presence of advantageous roots and pseudo-rhizomes. In addition, Shenandoah Sport is also endophyte enhanced with >95% *Neotyphodium coenophialum* endophyte which provides natural resistance to a number of leaf and crown feeding insects and nematodes. The presence of endophyte also contributes to improved biotic and abiotic stress tolerance, faster seedling establishment, enhanced fall recovery and reduced summer weed invasion.

APPLICATION

Shenandoah Sport is recommended for permanent turf in full sun or partial shade, on home lawns, commercial sites, parks and golf course roughs. It was developed for the discriminating superintendent, landscaper and top grounds maintenance professionals in a range of environments. Shenandoah Sport is best utilized in grass seed mixtures maintained at a high height of cut with Kentucky bluegrass, perennial ryegrass, hard fescue, sheep fescue or strong creeping red fescue.

PERFORMANCE

Shenandoah Sport exhibits exceptional turf quality across multiple locations and conditions. In CTBT trials at Arkansas, California, Illinois, Kentucky, New Jersey, North Carolina, Oregon, Tennessee and Wisconsin, Shenandoah Sport ranked exceptionally high for turf quality. In 2007 CTBT data Shenandoah Sport ranked #1 In Brown Patch resistance. (see data chart)

2007 CTBT Data Tall Fescue Turf Trial Location: Adelphia, New Jersey Cooperator: Dr. William Meyer		
variety		brown patch resistance
Shenandoah Sport (ATF 1224)	#1	6.33
3rd Millenium		5.33
ATF 1040		5.33
Rebel Exeda		5.00
Skyline		4.33
Tar Heel II		4.33

LSD=1.05 1-9; 9=resistant

CHARACTERISTICS

Growth Habit	Bunch
Estab. Rate days	Med 14-21
LHC Tol. 1/2"	Poor
Mowing Freq.	2x week
Traffic Tolerance	Very Good
Thatch Prod.	Low-Med
Comp. Mix	Fair-Good
Nitrogen Req.	Med 6 lbs*
Shade Tol.	Very Good
Cold Tol.	Very Good
Drought Tol.	Excellent
Et. rate mm/day	Very High >10%
Endophyte	Yes >93%
Salinity Tol. mmhos	11 good

LHC=low height of cut; ET=evapotranspiration, N=Nitrogen, *per 1000 sq. ft.; rates may increase or decrease based on location, soil type, irrigation practices, desired turf quality, humidity and other abiotic and biotic factors.

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