



BENTGRASS DATA SHEET

BREEDER

NJAES/Rutgers University/Seed Network

DESCRIPTION

PinUp is the newest, improved, high shoot density creeping bentgrass developed by turf scientists at Rutgers University. PinUp produces an erect, non-grainy, uniform, very dark green, low height of cut (LHC) putting surface. PinUp is the ideal variety with high density and putting green speed. The canopy of PinUp is dense, but not so dense that mechanical penetration of the turf must be performed to allow topdressing to be worked into the canopy. If you are looking for increased creeping bentgrass performance, choose PinUp for your fairway or greens.

APPLICATION

Developed exclusively for LHC lawn surfaces, golf course greens, tees and fairways; croquet and tennis courts; and bowling tops. PinUp is also used as a component in winter overseeding blends and mixtures containing improved Poa trivialis, red top, velvet and colonial bentgrass.

PERFORMANCE

PinUp exhibits extreme tolerance to dollar spot and brown patch. Results from Rutgers University indicate that PinUp provides enhanced turf characteristics such as deep green turf color, high shoot density, wide area of adaptation, early spring green-up and tolerance to heavy traffic. PinUp was entered into the most recent Bentgrass Green/Fairway trial and current data reveals PinUp statistically ranked #1 in trials for Turf Quality across multiple locations.

DENSITY

PinUp was developed in cooperation with turf scientists at Rutgers University for improved turf quality, high shoot density and improved disease resistance. PinUp also has improved heat and desiccation tolerance.

PinUp was selected to provide the ideal density. Many people have selected grasses purely on the highest shoot density count with no regard for putting green speed. While density is a strong factor in the selection process, we should be very careful that in the selection process we consider other factors. Those other factors include highest putting green speeds at the highest cutting heights, ability to accept topdressing sands, minimal thatch/mat accumulation, and reasonable ball mark healing. PinUp will allow the Superintendent to maintain very fast speeds at higher heights of cut than any of the ultra dense types, while maintaining the truest of rolls.

PinUp can also be topdressed without requiring aeration, spiking, verticutting, or any other mechanical process. Simply topdress and drag mat or brush to the topdressing. The ability of PinUp to uniformly accept topdressing into the turf canopy affords the turf manager the ability to effectively control thatch/mat buildup, which is a plague to the ultra-dense types. Ball mark repair and even plugging has become a maintenance nightmare with ultra-dense bentgrasses. PinUp, while being very upright in nature, has improved ball mark healing qualities when compared to ultra-dense types.

Fairway / tee trial seeded in September 2007, tested in 2008 North Brunswick, NJ

Variety	turf quality <small>9=ideal quality</small>	dollar spot <small>9=no disease</small>	brown patch <small>9=no disease</small>
007	6.4	6.3	7.6
 PINUP	6.2	6.7	7.6
Declaration	6.0	7.3	6.5
Benchmark DSR	5.6	7.3	5.4
CY-2	5.6	6.7	5.2
Southshore	4.2	4.7	4.9
Alpha	4.0	4.7	4.8
Brighton	3.7	6.3	3.3
Providence	3.6	7.3	3.4
Penncross	3.6	6.7	4.5
LSD @ 5%	= .08	1.5	1.3

CHARACTERISTICS

Growth Habit	Stolon
Estab. Rate days	Medium 14-21
LHC Tol. 1/2"	Excellent
Mowing Freq.	Daily
Traffic Tolerance	Excellent
Thatch Prod.	Medium
Comp. Mix	N/A
Nitrogen Req.	Low-Med. 2-4 lbs*
Shade Tol.	Good
Cold Tol.	Good
Drought Tol.	Good
Et. rate mm/day	High >10%
Endophyte	None
Salinity Tol. mmhos	15 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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