

# TURBO RZ

**RHIZOMATOUS TALL FESCUE**

*Rhizomatous or spreading type tall fescue*  
*Darker green color*  
*Improved turf quality and brown patch resistance*  
*Persistent with high endophyte content*  
*Excellent summer density and drought tolerance*

2007 Data Progress Report NTEP No. 08-1 Rankings by State

Variety	AR1 Fayetteville	CA3 Riverside	GA1 Griffin	IA1 Ames	IL1 Urbana	IN1 W Lafayette	KS2 Wichita	KY1 Lexington	MD1 College Park	MN1 St. Paul	MO1 Columbia	MS1 Miss. St.
Turbo RZ			6.6	5.8		6.1	5.3			5.4	6.0	6.4
			36	66		52	28			61	49	63
TQ High	7.9	6.9	7.1	6.7	6.8	6.7	5.7	7.9	6.2	6.3	6.5	6.5
TQ Low	4.9	4.5	5.1	4.5	3.7	3.4	3.0	4.1	3.5	1.0	3.4	5.1
LSD	0.3	0.4	0.9	0.8	1.3	0.7	0.5	0.7	1.2	0.7	0.7	0.6

Out of 113 varieties in the new NTEP trial on Tall Fescue  
 If Listed, Turf Quality score = less than 80.  
 green highlight = ranks within top LSD  
 yellow highlight = ranks 1 to 60 individually

Variety	NC1 Raleigh	NE1 Mead	NJ2 Adelphia	NM1 Las Cruces	PA1 Univ. Park	RI1 Kingston	TN1 Knoxville	TX1 Dallas	UT1 Logan	VA1 Blacksburg	WA3 Puyallup	WI3 Madison
Turbo RZ	6.7	7.4		5.2	6.7	5.8	7.3			4.3	4.8	
	76	3		68	66	71	73			77	22	
TQ High	8.3	7.4	6.7	6.1	7.8	6.5	7.9	6.7	6.3	5.7	5.4	7.9
TQ Low	4.5	5.5	1.2	2.7	3.4	2.8	6.0	4.8	3.7	3.5	3.4	2.8
LSD	1.2	1.3	0.8	1.5	0.6	0.6	0.5	0.6	0.7	1.0	0.6	1.3

**Seeding Rates:**

*New Lawns: 8# per 1000 square feet  
 340# per Acre*

*Overseed: 4# per 1000 square feet  
 170# per Acre*



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 Seeds**



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*Quality Seed Since 1911*


# TURBO<sup>RZ</sup>

RHIZOMATOUS

TALL FESCUE

Variety	Least Significant Difference			
	Turbo RZ	High	Low	LSD
Turf Quality Summary	5.9	6.5	3.9	0.5
Turf Quality Schedule A	5.9	6.6	3.9	0.2
2-3 INCH MOWING HEIGHT 0.25-0.5 lbs. N/1000 IRRIGATION				
Turf Quality Schedule B	5.9	6.5	3.8	0.3
2.5-3.5 INCH MOWING HEIGHT 0-0.25 lbs. N/1000 NO IRRIGATION				
Turf Quality under Traffic Stress (2 loc)	5.3	7.9	1.1	0.9
Turf Quality Northeast Region	5.7	6.8	2.5	0.4
Turf Quality Transition Region	6.0	6.7	4.3	0.3
Turf Quality Southeast Region	6.1	6.7	5.0	0.4
Turf Quality North Central Region	5.9	6.7	3.6	0.4
Turf Quality Logan, UT	5.5	6.3	3.7	0.7
Turf Quality Southwest Region	5.9	6.6	3.6	0.8
Turf Quality Pacific Region	4.8	5.4	3.4	0.6
Grown Under Shade (IL)	5.3	6.7	4.2	0.8
Genetic Color	6.9	7.8	3.9	0.3
Winter Color	6.1	6.5	4.6	0.5
Fall Color (Sept.)	7.2	8.2	5.5	0.7
Fall Color (Oct.)	7.6	8.1	5.0	0.6
Fall Color (Nov.)	6.0	7.4	4.7	0.7
Fall Color (Dec.)	5.7	6.3	5.3	0.6
Seedling Vigor	5.0	7.0	3.6	0.7
Leaf Texture 1=coarse	5.6	6.8	3.4	0.3
Spring Density	7.0	8.2	6.2	1.1
Summer Density	7.8	8.3	6.9	0.9
Fall Density	7.8	8.6	6.5	0.6
Winter Density (WA)	7.3	8.3	6.0	1.1
Spring Greenup	5.8	6.7	5.3	0.7
% Living Ground Cover Spring	84.3	88.8	81.4	3.0
% Living Ground Cover Summer	87.7	90.4	78.2	5.4
% Living Ground Cover Fall	80.5	86.1	76.6	4.6
Drought Tolerance - Wilting (CA/TX)	6.0	7.0	4.7	1.1
Stem Rust	5.3	8.3	4.0	1.4
Brown Patch (Warm Temperature)	6.7	7.2	4.9	0.9
% Brown Patch Ratings TN	16.4	23.6	11.1	13.0
% Establishment Ratings	70.7	77.2	62.5	4.7
Establishment Ratings	4.3	5.8	3.5	0.9

Least Significant Difference

 Top Ranked Group  
no difference

**2006 National Tall Fescue Test**  
**2007 Data**  
**Progress Report NTEP No. 08-1**

## Turf Features

**Germination Time** - Medium Fast  
 7 to 17 days is normal in spring and fall with irrigation

**Growth habit** - bunch grass

**Drought Tolerance** - Very Good

**Mowing Height** - from 1.5 inch to 3-4 inches weekly

**Disease Resistance**  
 Very good resistance to Brown patch when avoiding late spring and summer fertility

**Traffic tolerance** - Very Good

**pH Tolerance**  
 Ranges from 5.5 to 8.5, Ideally at 6.0 to 6.5

**Texture**  
 Medium leaf texture and semi dwarf vertical growth habit

**Compatibility** - with 5 to 10 % Kentucky bluegrass or up to 20% fine fescue or perennial ryegrass

**Color** - Medium dark

**Shade tolerance** - Good to very good

**Salt tolerance** - Good

**Endophyte enhanced** - Yes - helps insect and stress tolerance

**Preferred use** - Home and commercial lawns, sports fields, golf courses