



Turf Type Tall Fescue

- ♦ ***Top rated in turf quality NTEP***
- ♦ ***Excellent color and vigor***
- ♦ ***Highly rated drought tolerance***
- ♦ ***Improved brown patch resistance***
- ♦ ***Sun or shade lawns***

TURBO tall fescue is a top performing tall fescue in many localities and nationwide in NTEP trials. Originally developed by Rutgers University, Turbo was selected for its outstanding performance and brown patch disease resistance in a wide variety of conditions. Turbo is an excellent variety. It has beautiful color. Turbo maintains high turf quality through the late fall, when other varieties can look dormant from late season frosts.

Turbo is vigorous and performs well when mowed short or maintained taller. Using higher fertility, Turbo was screened for the newest improvements in brown patch disease tolerance. Under low fertility and tall mowing, Turbo maintains a high turf quality. Turbo has very good disease resistance versus pythium and typhula blight. Turbo is endophyte enhanced for added stress tolerance.

Turbo is a top rated variety and is widely adapted. It works well in sports turf use due to its improved traffic tolerance. Any sod grower, golf superintendent, sports and facility manager or homeowner would be proud to have Turbo turf type tall fescue as a base for their turf operation. Try some today!



Turbo tall fescue can be used alone or in high quality turf blends and mixes like here at Emory University in Atlanta, Georgia



Arizona Seed Technology, Inc.

"Technology for a Greener Tomorrow"

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Turf Type Tall Fescue

Variety	AR1 Fayetteville	CA3 Riverside	CA6 Sunnyvale	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	7.3 21	7.0 99	6.8 28	6.5 32	6.9 70	6.9 4	7.0 31	5.9 21	7.0 49	6.8 12	6.1 25	6.8 41	6.3 104
TQ High	7.7	8.3	7.5	7.1	7.7	7.0	7.5	6.7	7.9	7.0	7.1	7.2	6.8
TQ Low	5.8	6.0	3.5	4.8	5.1	2.5	3.3	3.0	4.0	2.8	1.0	4.0	4.8
LSD	0.6	0.5	0.6	0.6	0.7	0.8	0.6	1.0	0.9	0.6	0.8	1.0	0.2

Out of 113 varieties in the new NTEP trial on Tall Fescue

Variety Ranked #1

Turf Quality Within 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	WI1 Madison
Turbo	7.1 17	4.7 43	6.3 7	6.7 6	7.5 10	6.7 2	7.6 38	6.0 41	4.9 62	5.3 100	3.6 57	5.9 110
TQ High	7.8	6.2	7.0	7.1	8.1	6.7	7.9	6.5	5.8	6.0	4.7	8.3
TQ Low	3.2	3.7	1.0	4.6	2.7	2.5	5.8	4.1	3.3	4.7	2.9	2.6
LSD	1.3	4.9	0.6	1.7	0.6	0.7	0.5	0.9	0.7	0.5	0.6	1.5

2006 National Tall Fescue Test

2008 Data

Progress Report NTEP No. 09-9

Variety	Turbo	High	Low	LSD
Turf Quality Schedule A	6.4	6.7	3.7	0.2
2-3 INCH MOWING HEIGHT 0.25-0.5 lbs. N/1000 IRRIGATION				
Turf Quality Schedule B	6.5	6.5	4.0	0.3
2.5-3.5 INCH MOWING HEIGHT 0.5-1.0 lbs. N/1000 NO IRRIGATION				
Turf Quality under Traffic Stress (NJ)	8.0	8.4	1.1	1.1
Turf Quality Northeast Region	6.8	7.0	2.1	0.4
Turf Quality Transition Region	6.7	7.0	4.2	0.3
Turf Quality Southeast Region	6.3	6.5	5.1	0.3
Turf Quality North Central Region	6.3	6.9	3.3	0.5
Turf Quality Logan, UT	4.9	5.8	3.3	0.6
Turf Quality Southwest Region	6.9	7.2	5.2	0.6
Turf Quality Pacific Region	5.2	5.9	3.4	0.4
Grown Under Shade (IL)	6.5	7.8	4.8	1.4
Grown Under Drought Stress (SD)	5.2	6.2	3.7	0.7
Genetic Color	6.8	7.5	4.3	0.2
Winter Color	6.1	6.6	4.3	0.8
Fall Color (Sept.)	5.3	7.0	4.7	0.8
Fall Color (Oct.)	6.0	7.3	4.3	1.0
Fall Color (Nov.)	5.8	6.4	3.9	0.5
Fall Color (Dec.)	7.0	7.8	5.8	0.7
Red Thread	6.8	8.5	5.7	1.2
Leaf Texture 1=coarse	6.8	7.2	3.2	0.3
Spring Density	6.1	7.3	5.6	0.9
Summer Density	6.9	8.0	4.6	1.0
Fall Density	6.4	7.1	5.1	0.8
Spring Greenup	5.7	6.0	4.6	0.4
% Living Ground Cover Spring	87.3	91.1	80.4	3.4
% Living Ground Cover Summer	92.3	93.4	76.9	11.0
% Living Ground Cover Fall	92.0	97.3	78.5	6.5
Drought Tolerance - Wilting (CA/TX)	5.7	7.7	3.7	2.7
Brown Patch (Warm Temperature)	6.9	7.6	5.2	1.0

Turf Quality Within LSD

Top Rated Variety

Seeding Rates:

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

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

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 to Excellent

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 roughs