



High NTEP Performer Quality - NEW
Very fine leaf texture- High endophyte
Improved pest resistance
Improved traffic tolerance for sports turf

2008 Data Progress Report NTEP No. 09-9 Rankings by State

Variety	AR1 Fayetteville	CA3 Riverside	CA6 Sunnyvale	GA1 Griffin	IA1 Ames	IL1 Urbana	IN1 W Lafayette	KS2 Witchita	KY1 Lexington	MD1 College Park	MN1 St. Paul	MO1 Columbia	MS1 Miss. St
Hemi	6.8	7.7	6.6	6.3	7.3	6.7	7.0	5.2	7.0	6.8	6.2	7.1	6.3
	93	26	49	47	20	10	25	90	44	8	16	6	84
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
Hemi	6.7	5.3	6.1	6.5	7.0	6.0	7.1	5.4	4.7	5.2	4.2	7.1
	40	27	12	16	25	32	112	97	84	102	13	51
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

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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Variety	Hemi	High	Low	LSD
Turf Quality Schedule A	6.3	6.7	3.7	0.2
2-3 INCH MOWING HEIGHT 0.25-0.5 lbs. N/1000 IRRIGATION				
Turf Quality Schedule B	6.2	6.5	4.0	0.3
2.5- 3.5 INCH MOWING HEIGHT 0 - 0.25 lbs. N/1000 NO IRRIGATION				
Turf Quality under Traffic Stress (NJ)	7.4	8.4	1.1	1.1
Turf Quality Northeast Region	6.4	7.0	2.1	0.4
Turf Quality Transition Region	6.5	7.0	4.2	0.3
Turf Quality Southeast Region	6.0	6.5	5.1	0.3
Turf Quality North Central Region	6.6	6.9	3.3	0.5
Turf Quality Logan, UT	4.7	5.8	3.3	0.6
Turf Quality Southwest Region	6.8	7.2	5.2	0.6
Turf Quality Pacific Region	5.4	5.9	3.4	0.4
Grown Under Shade (IL)	6.8	7.8	4.8	1.4
Grown Under Drought Stress (SD)	5.2	6.2	3.7	0.7
Genetic Color	6.7	7.5	4.3	0.2
Winter Color	5.4	6.6	4.3	0.8
Fall Color (Sept.)	5.7	7.0	4.7	0.8
Fall Color (Oct.)	5.7	7.3	4.3	1.0
Fall Color (Nov.)	5.7	6.4	3.9	0.5
Fall Color (Dec.)	6.5	7.8	5.8	0.7
Red Thread	7.3	8.5	5.7	1.2
Leaf Texture 1=coarse	6.5	7.2	3.2	0.3
Spring Density	5.9	7.3	5.6	0.9
Summer Density	6.8	8.0	4.6	1.0
Fall Density	6.3	7.1	5.1	0.8
Spring Greenup	5.4	6.0	4.6	0.4
% Living Ground Cover Spring	83.1	91.1	80.4	3.4
% Living Ground Cover Summer	89.8	93.4	76.9	11.0
% Living Ground Cover Fall	92.1	97.3	78.5	6.5
Drought Tolerance - Wilting (CA/TX)	6.0	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

2006 National Tall Fescue Test
2008 Data
Progress Report NTEP No. 09-9

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