



Top Rated

- + TOP NTEP Performer in Turf Quality
- + Fine leaf texture and deep green color
- + Great performance & endophyte enhanced
- + Improved pest & brown patch tolerance
- + Top NTEP traffic tolerance for sports turf
- + Rhizomatous activity

2012 National Tall Fescue Test 2014 Data Progress Report NTEP No. 15-4 Rankings by State

Variety	AR1 Fayetteville	CA1 Riverside	CT1 Storrs	GA1 Griffin	IA1 Ames	IL1 Urbana	IL2 Carbandale	IN1 W Lafayette	KS1 Wichita	KY1 Lexington	MD1 College Park	MO1 Columbia
Hemi	7.3	6.4	6.7	5.4	6.8	6.0	6.0	6.5	5.1	6.8	6.2	5.8
	40	7	17	18	68	18	51	22	75	6	23	23
TQ High	8.0	6.9	7.6	5.9	7.8	6.5	7.7	6.9	5.9	6.9	7.1	6.7
TQ Low	5.2	4.3	2.9	3.5	4.0	3.2	3.2	4.0	3.5	3.8	3.1	3.4
LSD	1.0	1.3	1.0	1.5	0.6	0.7	1.8	0.5	0.6	0.2	0.6	1.1
Out of 116 varieties in the new NTEP trial on Tall Fescue												
Variety Ranked #1												
Turf Quality Within LSD												
yellow highlight = ranks 1 to 60 individually												
Variety	MS1 Miss. St.	NC1 Raleigh	NE1 Mead	NJ1 N. Brunswick	NJ2 Adelphia	OK1 Stillwater	PA1 Univ. Park	TN1 Knoxville	UT1 Logan	VA1 Blacksburg		
Hemi	5.8	6.2	5.5	7.8	5.8	4.6	8.3	7.3	6.6	6.7		
	79	48	59	9	17	91	1	66	71	39		
TQ High	6.3	7.1	5.9	8.3	6.5	5.6	8.3	7.9	7.3	7.7		
TQ Low	4.3	3.1	4.0	1.4	1.3	2.7	1.3	5.8	3.5	4.8		
LSD	0.3	0.9	0.6	0.9	0.7	0.6	0.9	0.5	0.5	0.9		

Brown Patch Resistant

Traffic Tolerant

Seeding Rates:

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

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



Burlingham Seeds



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Quality Seed Since 1911

Turf Type Tall Fescues

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Variety	Hemi	High	Low	LSD
Turf Quality Schedule A*	6.4	6.6	3.6	0.2
	13			
*2 - 3 INCH MOWING HEIGHT 0.25 - 0.5 lbs. N/1000 IRRIGATION: 80 - 95% POTENTIAL ET				
Turf Quality Schedule B*	6.4	6.6	3.8	0.3
	17			
*2.5 - 3.5 INCH MOWING HEIGHT 0 - 0.25 lbs. N/1000 IRRIGATION: 50 - 65% POTENTIAL ET				
Turf Quality LPI Group 1	7.9	8.2	1.3	0.8
	8			
Turf Quality LPI Group 2	6.4	6.6	3.7	0.8
	18			
Turf Quality LPI Group 3	6.1	6.9	4.4	0.8
	74			
Turf Quality LPI Group 4	5.0	5.6	4.1	0.8
	100			
Turf Quality Under Traffic Stress (NJ1)	56.7	61.7	20.0	19.2
	8			
Turf Quality Under Traffic Stress (PA1)	91.3	93.0	60.0	19.5
	9			
Turf Quality Under Traffic Stress (TN1)	7.0	7.0	5.0	3.3
	3			
Turf Quality Under Traffic Stress (VA1)	6.3	7.1	4.8	0.9
	38			
Turf Quality Northeast Region	7.1	7.3	1.7	0.5
	3			
Turf Quality Transition Region	6.6	7.0	4.2	0.3
	31			
Turf Quality Southeast Region	5.6	5.9	4.2	0.6
	27			
Turf Quality North Central Region	6.2	6.5	3.8	0.3
	39			
Turf Quality Southwest Region	6.4	6.9	4.3	0.8
	6			
Turf Quality Under Shade (IL1)	6.0	7.7	3.2	1.8
	51			
Turf Quality for Brown Patch (KS1)	5.1	5.9	3.5	0.6
	75			
Turf Quality Under Drought Stress (UT1)	6.6	7.3	3.5	0.5
	71			
Genetic Color	6.9	7.7	3.6	0.3
	53			
Winter Color	4.6	5.3	4.2	0.4
	92			
Fall Color (Nov.)	6.0	6.7	4.0	0.7
	48			
Leaf Texture (1 = Coarse)	6.3	6.6	3.6	0.3
	15			
Spring Density	6.7	7.7	5.0	0.8
	52			
Summer Density	7.3	7.4	4.4	0.5
	5			
Fall Density	6.9	7.0	4.2	0.7
	7			
Spring Greenup	4.8	5.7	3.6	0.4
	62			
% Living Ground Cover Spring	85.4	90.3	64.8	5.3
	50			
% Living Ground Cover Summer	85.8	88.1	72.0	5.7
	11			
% Living Ground Cover Fall	94.0	97.0	79.7	5.3
	32			
Brown Patch (Warm Temp.)	6.0	6.9	4.4	0.8
	59			
Brown Patch (Warm Temp.) (NC1)	8.4	8.7	4.0	1.5
	6			
Brown Patch (Warm Temp.) (OK1)	5.6	6.7	3.9	0.8
	77			
Rhizome Count and Spread Study (UT1)	16.0	16.0	12.3	5.8
	3			
Out of 116 varieties in the new NTEP trial on Tall Fescue				
Variety Ranked #1				
Turf Quality Within LSD				
Ranks 1 to 60 individually				

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