



FIREBIRD

TURF TYPE TALL FESCUE

- + **One of the darkest green fescues**
- + **Lower growing/less mowing**
- + **Improved resistance to brown patch**
- + **Drought tolerant**
- + **Fast germinating**
- + **Full sun or shady lawns**

FIREBIRD is an all around excellent turf performer. It was rated in the top ten in dark green genetic color in the most current testing versus all other tall fescue varieties. It is a top performer in shorter mowed high maintenance turf. Under taller mowing conditions with less fertility and irrigation, FIREBIRD ranks in the top group in low maintenance turf.

The variety has a dark green genetic color that can be a centerpiece of a elite blend with many of the newest tall fescues, perennial ryegrass or Kentucky bluegrasses in turf mixes. It has an open foliar canopy to resist fungal attacks from brown patch disease.

FIREBIRD tall fescue is early to green up in the springtime. It provides a dense turf carpet in the summer and through the fall growing season. This variety is a successful performer in the traditional tall fescue use areas of the United States. FIREBIRD turf type tall fescue will work well for your golf roughs, commercial turf or home lawn care needs.



Firebird tall fescue plot showing its dark and dense growth habit at Rutgers University in early August, 2005.



**Burlingham
Seeds**



Burlingham Seeds LLC
PO Box 46 Rickreall, Oregon USA 97371
Toll Free 800-221-7333
Phone 503-623-2306
Fax 503-623-2477
info@burlinghamseeds.com

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Variety	AL2 Crossville	AR1 Fayetteville	CA3 Riverside	GA1 Griffin	IA1 Ames	IL1 Urbana	IL2 Carbondale	IN1 W.Lafayette	KS2 Wichita	KY1 Lexington	MA1 Amherst	MD1 College Park	MI1 E.Lansing	MO1 Columbia	NC1 Raleigh
Firebird	5.4	5.9	6.6	6.3	7.0	5.8	7.0	6.4	4.8	6.8	5.0	5.9	6.2	5.1	5.9
TQ High	5.9	6.3	6.8	6.6	7.3	6.3	7.5	6.8	5.4	7.5	5.5	6.6	6.4	5.7	6.1
TQ Low	4.3	3.0	4.8	5.2	4.9	4.0	5.0	3.9	3.5	3.9	3.8	3.1	4.2	3.5	4.6
LSD	0.6	1.0	0.5	0.7	0.8	1.1	1.1	0.6	0.8	0.8	0.6	0.8	0.6	0.7	0.8

Out of 160 varieties in the new NTEP trial on Tall Fescue

= top rated within LSD value

= top rated

Variety	NE1 Mead	NJ1 N. Rowan	NJ2 Adelphia	NM1 Las Cruces	NY1 Ithaca	OK1 Stillwater	PA1 Univ. Park	SD1 Brookings	TX1 Dallas	TX3 Lubbock	UT1 Logan	VA1 Blacksburg	WA1 Pullman	WA3 Puyallup	WI1 Madison
Firebird	6.9	5.1	5.3	6.7	6.4	6.8	6.2	6.4	5.2	5.2	5.2	6.5	7.1	4.2	4.8
TQ High	7.6	6.6	6.6	7.0	6.7	7.0	7.4	7.7	6.4	5.7	6.0	7.1	7.2	5.4	5.3
TQ Low	4.2	1.2	1.1	5.1	5.6	5.8	3.5	3.3	4.3	4.6	3.0	4.0	3.4	3.7	3.4
LSD	0.7	0.9	0.7	0.7	0.1	0.5	0.8	0.5	1.2	0.6	0.8	1.2	0.6	0.5	0.9

2001 National Tall Fescue Test 2002-05 Data Final Report NTEP No. 06-12

Variety	Firebird	High	Low	LSD
Turf Quality Summary	5.9	6.2	5.1	0.2
Turf Quality Schedule A	6.0	6.3	3.6	0.2
1.5-2 INCH MOWING HEIGHT 3 - 5 lbs. N/1000 FT ² /YEAR IRRIGATION				
Turf Quality Schedule B	5.8	6.1	4.3	0.3
2.5 - 3.5 INCH MOWING HEIGHT 0 - 2 lbs. N/1000 FT ² /YEAR NO IRRIGATION				
Turf Quality under Traffic Stress (MI)	5.6	6.0	4.9	0.6
Turf Quality under Traffic Stress (NE)	6.0	6.6	3.6	1.5
Turf Quality under Traffic Stress (NJ)	3.6	6.1	3.0	1.0
Turf Quality Northeast Region	5.6	6.4	3.0	0.3
Turf Quality Transition Region	6.0	6.3	3.9	0.3
Turf Quality Southeast Region	5.6	6.1	4.7	0.5
Turf Quality North Central Region	6.2	6.4	4.0	0.3
Turf Quality Upper West/Mtn Region	6.0	6.5	3.2	0.6
Turf Quality Southwest Region	6.5	6.6	5.0	0.4
Turf Quality Pacific Region	4.2	5.4	3.7	0.5
Genetic Color	7.2	7.4	3.9	0.2
Winter Color	5.6	6.0	4.8	0.7
Fall Color (Sept.)	7.3	7.6	6.1	0.8
Fall Color (Nov.)	7.7	8.0	6.3	0.9
Fall Color (Dec.)	7.2	7.5	6.5	0.8
Leaf Texture 1=coarse	5.9	6.6	3.5	0.3
Spring Density	6.9	7.3	5.8	0.7
Summer Density	7.0	7.3	5.6	0.6
Fall Density	6.4	7.3	3.8	0.6
Spring Greenup	5.6	5.8	4.9	0.4
% Living Ground Cover Spring	83.4	91.0	72.4	10.9
% Living Ground Cover Summer	93.0	95.8	79.2	7.6
% Living Ground Cover Fall	82.7	86.3	73.1	5.9
Brown Patch (Warm Temperature)	5.7	6.8	4.7	0.8
% Brown Patch Ratings AR	30.4	47.8	12.7	11.4
Brown Patch Ratings NC 9 = no disease	7.8	8.0	7.0	1.3
Typhula Blight Ratings	5.8	7.5	4.2	1.8
Pythium Blight Ratings	8.4	8.9	6.6	1.9
Seeding Vigor	4.8	6.8	4.1	0.5
% Establishment Rating	63.5	77.1	62.9	5.6

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 - Really 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