

Fineleaf fescue test results

Following is the latest annual progress report on the National Fineleaf Fescue Test conducted by the U.S. Department of Agriculture's National Turfgrass Evaluation Program (NTEP). The test was begun in 1989 and will be completed this year. The tests are done at sites across North America and the cultivars are judged by

scientists at those sites.

Complete copies of the report, including data on other aspects of the test — such as resistance to specific diseases — are available from the NTEP, Beltsville Agricultural Research Center-West, Building 001, Room 333, Beltsville, Md. 20705.

Chewings fescues

Name	AL1	IA1	ID2	IN1	KY1	MD1	MI1	NJ1	NJ2	NJ3	OH2	OR2	OR9	PA1	PA2	RI1	UB1	WA1	Mean	(1991 Mean)
*Southport	6.5	6.7	5.7	5.3	7.5	4.6	6.6	5.5	5.2	5.8	6.3	6.3	6.4	5.3	4.6	6.2	5.6	6.4	5.9	(5.4)
*Bridgeport (N-105)	6.6	7.2	6.0	4.8	7.5	4.9	6.1	5.8	5.2	5.6	5.7	5.9	6.0	5.7	4.9	6.2	5.8	6.3	5.9	(5.5)
*Tiffany (PST-4CD)	6.4	6.9	5.7	5.2	7.9	4.9	6.0	5.7	4.9	5.7	5.7	5.4	6.1	5.5	4.9	6.5	4.9	6.1	5.8	(5.5)
*SR 5000	6.7	6.9	6.9	5.3	7.0	5.1	6.0	5.5	5.2	5.6	5.3	5.0	5.9	5.4	4.7	6.3	5.8	5.8	5.8	(5.3)
*Longfellow	6.4	6.7	6.7	5.1	5.7	5.4	6.0	5.7	4.6	5.6	5.3	5.0	6.1	5.5	4.9	6.3	5.7	6.5	5.7	(5.5)
*Jamestown II	6.6	6.8	6.5	4.9	7.0	5.3	6.3	5.4	5.1	5.1	5.3	5.1	5.8	5.5	4.7	5.8	5.5	6.3	5.7	(5.4)
*Proformer (JMB-89)	6.8	6.4	5.6	5.4	7.3	5.2	6.0	5.7	4.5	5.3	5.0	5.6	5.9	5.3	4.8	6.0	5.4	5.9	5.7	(5.3)
*Shadow w/Endo.	6.4	6.9	6.1	4.8	7.5	4.1	5.9	5.4	5.0	5.7	4.7	6.0	6.0	5.1	4.8	6.2	5.3	6.2	5.7	(5.2)
*89.LKR	N/A	7.2	N/A	5.7	6.5	5.4	N/A	5.5	5.0	5.0	N/A	6.1	6.3	5.7	4.7	5.7	4.1	6.4	5.7	(5.4)
*Dignity (OFI 89-200)	6.4	6.7	6.7	4.9	5.8	4.3	6.0	6.1	4.6	5.1	4.7	4.6	6.0	5.3	4.7	6.2	4.6	6.3	5.5	(5.1)
*PST-4FE	6.7	6.7	6.3	5.3	7.0	4.7	5.9	5.0	4.4	4.9	4.7	4.9	6.4	5.6	4.6	6.4	3.4	6.2	5.5	(5.1)
• LSD Value	1.0	0.6	2.3	1.4	1.8	1.1	0.6	1.2	1.3	0.7	1.0	1.3	0.5	0.7	0.6	0.7	1.4	0.5	0.3	(0.2)

Creeping red fescues

Name	AL1	IA1	ID2	IN1	KY1	MD1	MI1	NJ1	NJ2	NJ3	OH2	OR2	OR9	PA1	PA2	RI1	UB1	WA1	Mean	(1991 Mean)
PST-4R3	4.7	7.1	4.2	4.8	7.3	4.4	5.6	5.2	4.5	5.4	5.0	5.2	6.2	5.1	4.0	5.6	4.2	6.0	5.2	(4.8)
*Salem	4.4	6.7	5.0	4.4	7.4	5.2	6.1	4.7	3.5	3.1	4.0	6.3	6.0	4.8	4.1	5.5	3.7	6.0	5.1	(4.6)
PST-43F	4.3	7.3	3.2	4.8	6.2	5.3	5.7	5.3	3.2	3.1	4.3	6.2	6.4	5.1	4.1	5.9	3.6	5.9	5.0	(4.8)
*Jasper	4.1	7.1	5.5	3.6	4.6	4.7	5.8	5.0	3.0	3.4	4.3	6.3	6.1	5.2	4.3	6.0	3.7	6.3	4.9	(4.7)
PST-4NI	4.2	6.9	3.4	4.3	6.7	4.7	6.1	4.8	3.5	3.0	4.7	5.6	5.9	5.2	4.1	6.0	3.8	6.0	4.9	(4.5)
*Herald	4.0	6.8	5.9	4.1	4.3	4.9	5.8	4.5	3.7	4.0	3.3	6.7	5.6	5.5	4.3	5.8	3.2	5.9	4.9	(4.6)
PST-4C8	4.2	7.1	5.0	4.3	5.2	5.1	6.1	4.6	3.4	3.6	3.3	5.8	6.4	5.1	4.2	5.6	3.3	5.9	4.9	(4.7)
*Vista	4.4	6.9	2.7	4.9	6.7	4.7	5.7	4.6	3.3	3.2	4.7	6.2	5.8	4.9	3.9	5.1	3.8	5.9	4.8	(4.6)
*Flyer	4.0	6.7	3.8	4.8	5.8	5.1	6.0	4.3	2.8	3.3	4.3	5.7	5.7	4.7	4.4	5.4	3.6	5.7	4.8	(4.6)
*Shademaster	3.5	6.8	4.4	4.7	5.5	5.2	5.1	4.5	3.2	3.6	4.3	5.8	5.7	4.9	3.9	5.0	4.1	5.6	4.8	(4.4)
Belvedere	4.1	6.5	3.5	4.9	4.8	5.4	5.2	4.4	4.3	4.0	3.7	4.7	5.4	5.6	4.1	5.1	4.1	5.1	4.7	(4.1)
*Cindy	4.0	7.2	3.2	3.9	3.6	4.7	6.2	4.2	3.4	3.7	3.0	6.8	6.3	4.6	4.6	5.8	2.6	6.4	4.7	(4.7)
• LSD Value	1.0	0.7	3.1	1.0	2.0	1.0	0.6	0.9	0.7	0.6	0.9	1.1	0.5	0.8	0.6	1.0	0.7	0.5	0.3	(0.2)

Hard fescues

Name	AL1	IA1	ID2	IN1	KY1	MD1	MI1	NJ1	NJ2	NJ3	OH2	OR2	OR9	PA1	PA2	RI1	UB1	WA1	Mean	(1991 Mean)
*Warwick	N/A	7.2	N/A	N/A	6.8	5.6	N/A	6.7	7.0	6.9	N/A	N/A	N/A	N/A	N/A	4.3	6.2	6.3	6.3	(5.7)
*Discovery (PST-4HD)	5.6	7.3	5.9	6.0	7.3	5.4	5.4	7.2	6.9	7.1	6.0	6.9	5.9	6.2	6.1	5.4	6.4	6.2	6.3	(5.6)
*SR 3100 (SRX 89-31)	6.2	7.7	5.5	5.4	5.5	5.9	5.1	7.1	6.5	7.9	6.3	4.7	5.0	5.7	6.2	5.8	6.9	6.9	6.1	(5.6)
*Aurora w/Endo. (PST-AUE)	5.5	7.2	6.3	5.3	6.9	5.5	5.9	6.3	7.1	5.2	6.7	6.1	5.5	5.9	5.4	4.9	5.3	6.0	5.9	(5.3)
*Reliant w/Endo.	5.6	7.2	6.0	5.8	6.5	5.2	5.6	6.4	7.1	6.9	5.3	5.9	5.3	6.3	5.6	4.3	5.4	6.3	5.9	(5.2)
*Brigade (Melody)	5.5	7.2	5.4	5.9	6.3	5.3	5.1	6.6	6.7	5.1	6.3	5.8	4.5	6.4	5.6	5.5	6.4	6.1	5.9	N/A
*SR 3000	5.5	7.1	6.7	5.5	6.0	5.5	5.2	6.1	6.7	4.7	6.3	4.4	5.7	6.3	5.6	5.1	6.7	6.3	5.9	(5.3)
PST-4AG	5.3	7.1	6.2	5.7	7.0	5.1	5.2	5.8	7.4	4.6	6.0	5.3	5.5	6.5	5.7	4.9	6.1	6.0	5.9	(5.2)
*Aurora	5.9	6.8	6.2	4.8	7.4	5.2	5.2	5.4	6.7	5.4	6.7	5.7	5.6	6.1	5.6	4.6	5.7	6.2	5.8	(5.3)
• LSD Value	0.9	0.8	1.6	0.9	1.6	0.8	0.9	1.1	0.9	0.8	1.9	1.8	0.8	0.7	0.5	0.9	1.3	0.5	0.3	(0.2)

Slender creeping fescues

Name	AL1	IA1	ID2	IN1	KY1	MD1	MI1	NJ1	NJ2	NJ3	OH2	OR2	OR9	PA1	PA2	RI1	UB1	WA1	Mean	(1991 Mean)
*Seabreeze (FRT-30149)	4.2	7.3	7.3	3.1	2.7	5.0	5.4	4.9	3.9	3.1	3.7	6.1	6.6	6.6	4.9	6.2	3.2	6.3	5.0	(4.8)
HF 138	4.1	6.9	4.9	3.3	5.1	5.2	6.1	4.6	3.3	3.2	3.0	6.0	6.3	5.0	4.6	5.8	2.7	5.8	4.8	(4.6)
Napoli (LD 3488)	2.9	7.5	4.1	3.1	3.5	5.1	6.0	4.6	4.2	3.1	3.0	6.9	6.1	5.9	4.8	5.8	2.3	6.6	4.7	(4.6)
*Smirna (ZW 42-160)	3.3	7.3	6.0	3.3	1.5	5.7	5.7	4.4	2.8	1.7	4.3	6.4	6.7	6.4	N/A	5.3	3.2	6.0	4.7	(4.6)
*Barcrown	3.3	7.7	4.4	2.3	2.5	4.6	5.4	5.7	3.1	2.9	2.0	7.0	6.8	6.0	5.7	5.5	2.6	6.1	4.6	(4.8)
*Dawson	3.8	6.9	5.3	3.8	2.8	4.7	5.8	4.1	3.0	2.4	3.7	6.3	6.3	5.8	4.0	5.0	3.4	5.9	4.6	(4.5)
*Marker	3.5	6.8	3.3	3.2	1.9	4.7	5.6	4.4	2.9	2.6	2.7	6.6	6.9	6.1	5.0	4.9	2.9	6.4	4.5	(4.7)
*Barskol (BAR FR 9P)	2.9	7.3	4.3	3.7	2.7	4.6	5.7	4.4	3.9	2.9	2.0	5.2	6.8	5.8	4.9	5.2	2.0	5.7	4.4	(4.6)
LSD Value	0.9	0.7	3.5	0.7	1.4	1.2	0.8	1.2	0.8	0.7	1.1	1.2	0.5	0.8	0.6	0.9	1.3	0.7	0.3	(0.2)

Sheep fescues

Name	AL1	IA1	ID2	IN1	KY1	MD1	MI1	NJ1	NJ2	NJ3	OH2	OR2	OR9	PA1	PA2	RI1	UB1	WA1	Mean	(1991 Mean)
*Bighorn	5.7	6.3	5.7	5.9	6.4	5.4	5.4	6.0	5.9	4.3	6.7	5.9	4.6	5.7	5.8	3.9	5.2	4.8	5.5	(5.3)
*MX 86	5.2	5.8	4.8	5.5	5.8	5.6	5.1	4.8	6.1	3.6	6.7	5.0	3.8	5.7	5.0	3.9	5.2	4.5	5.1	(3.5)
• LSD Value	0.6	0.4	1.9	0.2	2.6	0.7	1.1	0.8	0.6	0.8	0.9	1.0	0.5	0.8	0.4	0.2	0.8	1.1	0.2	(0.8)

* — Available in the marketplace.

• — To determine statistical differences among entries, subtract one entry's mean from an other entry's mean. Statistical differences occur when this value is larger than the corresponding LSD Value.

Turf care guidelines at test sites

Here are the locations of the field tests, followed by soil texture, soil pH, pounds of nitrogen applied per 1,000 square feet, mowing height in inches and irrigation practiced.

AL1: Auburn University, sandy loam, 4.6-5.5, 2.1-3.0, N/A, N/A.

IA1: Ames, Iowa, sandy clay loam, 7.1-7.5, 2.1-3.0, 2.1-2.5, to prevent stress.

ID2: Post Falls, Idaho, silt loam and silt, 4.6-5.5, 2.1-3.0, 1.1-1.5, to prevent stress.

IL1: Carbondale, Ill. (low mowing), silty clay and clay, 6.1-6.5, 3.1-4.0, 1.1-1.5, to prevent dormancy.

IL2: Carbondale, Ill. (high mowing), silty clay and clay, 6.1-6.5, 3.1-4.0, 2.1-2.5, to prevent dormancy.

IN1: West Lafayette, Ind., silt loam and silt, 6.6-7.0, 0.0-1.0, 3.6-4.0, no irrigation.

KY1: Lexington, Ky., silt loam and silt, 6.1-6.5, 2.1-3.0, 1.6-2.0, no irrigation.

MD1: Silver Spring, Md., silt loam and silt, 6.6-7.0, 0.0-1.0, 2.6-3.0, only during severe stress.

MI1: East Lansing, Mich., sandy loam, 7.6-8.5, 1.1-2.0, 1.6-2.0, to prevent stress.

NJ1: North Brunswick, N.J., loam, 5.6-6.0, 1.1-2.0, 1.1-1.5, to prevent stress.

NJ2: North Brunswick, N.J. (low maintenance), loam, 5.6-6.0, 0.0-1.0, 1.6-2.0, no irrigation.

NJ3: Adelphia, N.J., loam, 4.6-5.5, 3.1-4.0, 1.1-1.5, to prevent stress.

OR2: Hubbard, Ore. (uniform shade), silt loam and silt, 5.6-6.0, 4.1-5.0, 2.1-2.5, to prevent dormancy.

OR9: Halsey and Hubbard combined, N/A.

PA1: University Park, Pa., silt loam and silt, 6.6-7.0,