

1980 turfgrass availability and performance data

GOLF BUSINESS presents these charts as a basis for comparison of turfgrass varieties and species across the country. They are not, however, the final word on performance. We strongly urge that you consult before buying in quantity as results may vary within only a few miles of the test sites due to soil types, etc. Many varieties of turfgrass will vary in performance from year to year due to weather conditions. A wet rainy year can make a variety perform well that may not do so well in a hot, dry year. The information here should help you make preliminary decisions and allow you to be specific when talking to extension agents or university researchers about performance.

Fine fescue turf evaluations near Hubbard, Oregon Maintained at moderate fertility and mowed 1 1/4 inches. Turf Quality Ratings 9-1 (9=best)				Performance of Kentucky Bluegrass cultivars and selections seeded in a test near Camarillo, CA. September, 1977. Test mowed at 1 1/2" and maintained at moderate-high fertility.		
	Ave.	% Leaf	Red	Cultivars or Selections	Avg. 11/3/78	% Fusarium Blight
		Spot 12/79	Thread 1/80			Avg. 11/3/78
Entry				CHB-11-A	8.3	1.7
Syn AHF Hard	6.9	9.3	9.0	Columbia	8.0	1.0
Silvana Hard	6.8	6.7	9.0	Sydsport	7.7	2.7
Syn CHE Hard	6.7	10.0	9.0	Adelphi	7.3	2.7
FL1 Hard	6.7	8.7	9.0	Parade	7.0	5.0
Syn W Chewings	6.6	9.3	6.3	1528T	7.0	3.0
Halifax Chewings	6.6	7.0	5.0	HIB-1	7.0	1.3
Waldina Hard	6.6	9.3	9.0	Majestic	6.5	10.7
ST Hard	6.6	7.7	9.0	Bonnieblue	6.5	15.0
Ilona Chewings	6.5	8.0	7.7	BFB-35	6.3	12.3
Scaldis Hard	6.4	10.7	9.0	Glade	6.0	9.0
Banner Chewings	6.3	13.3	5.0	HT-1A	5.7	3.3
Longfellow Chewings	6.2	15.0	4.0	Birka	5.0	13.3
Syn FC Chewings	6.1	10.7	5.3	BFB-25	5.0	19.3
Dawson Sl. Creeping	5.8	18.3	6.7	Baron	5.0	21.7
Atlanta Chewings	5.7	13.3	6.3	Touchdown	5.0	14.3
NB-H4-50 Creeping	5.7	13.3	4.0	BFC 45	4.7	25.0
Checkers Chewings	5.6	14.0	6.0	BFB-31A	4.3	16.7
Barfalla Chewings	5.6	13.3	5.0	316	4.0	30.0
HF-28 Chewings	5.4	16.0	5.3	P-143	3.7	36.0
HF-27 Chewings	5.4	16.0	5.7	BFB-31	3.7	27.7
HDU-76 Hard	5.3	16.7	9.0	Park	3.7	41.7
Fortress Creeping	4.7	20.0	5.3	LSD at 5%	1.3	12¢

1980 SEED AVAILABILITY FOR THE MAJOR TURFGRASS SPECIES*		
SPECIES	AVAILABILITY	PRICE
KENTUCKY BLUEGRASS		
Improved Varieties	Extremely short	Much higher
	Many varieties sold out.	
Common	Short	Higher
PERENNIAL RYEGRASS		
Fine-leaf turf types	Adequate	Stable
Common	Short	Higher
FINE LEAF FESCUES		
Improved varieties and Pennlawn	Adequate	Higher
Creeping red fescues and Chewings	Short	Higher
TALL FESCUES	Adequate	Recent sharp increases should level off.
BENTGRASS	Limited	Variable depending on variety

1980 AVAILABILITY OF THE IMPROVED KENTUCKY BLUEGRASS VARIETIES*		
GOOD SUPPLY	EXTREMELY LIMITED SUPPLY	NOT AVAILABLE
BARON	MAJESTIC	BRUNSWICK
	CHERI	PENNSTAR
FAIR SUPPLY	COLUMBIA	SODCO
VICTA	SHASTA	GEORGETOWN
LIMITED SUPPLY	EMMUNDI	
PARADE	BIRKA	
RAMI	SYDSPORT	
GLADE	MERIT	
FYLKING	VANTAGE	
	NUGGET	
	TOUCHDOWN	
	ADELPHI	
	BONNIEBLUE	

*Forecasts made by Richard Hurley, Research Director, Lofts Pedigreed Seed, Inc., Bound Brook, NJ.

Spindletop Research Farm, Lexington, Ky.

Kentucky bluegrass Quality		Tall fescue Quality		
Variety	Avg.	Variety	Avg.	Brown Patch 13 July
Adelphi	7.5	Kenhy	6.7	1.0
Merion	6.8	K5-27	6.6	2.7
Majestic	6.8	G1-301	6.3	2.0
Bonnieblue	6.8		6.2	2.0
Rugby	6.8	Kenwell	6.1	2.3
Enoble	6.7	G1-307	6.1	1.0
A-34	6.6	G1-323	5.9	2.7
Enmundi	6.5	Ky 31	5.8	2.0
Glade	6.5	K5-30	5.4	1.0
Ram I	6.4	Momm Fa-8	4.2	7.3
Bristol	6.4			
Victa	6.4			
Fylking	6.1			
Pennstar	6.1			
Baron	6.1			
Vantage	6.0			
Adelphi-Ken.	6.0			
Birka	5.9			
Arista	5.9			
Windsor	5.8			
G-22-992	5.4			
Sydsport	5.2			
Parade	5.1			
Aquilla	4.9			
Nugget	4.7			
Kenblue	4.6			
Piedmont	4.6			
A-20	4.5			
Enprima	4.3			
G-22-982	3.5			

Perennial ryegrass Quality		
Variety	Avg.	Brown Patch 13 July
Derby	7.1	1.3
Yorktown II	5.3	2.8
Regal	—	—
Citation	5.4	2.3
Diplomat	5.4	3.2
Pennfine	5.3	2.6
Yorktown	5.9	2.0
Loretta	4.5	5.6
Manhattan	5.3	4.6
Common	4.1	5.6
NK-100	4.0	4.6
Eton	3.9	6.3
NK-200	3.6	6.4
Game	—	—
Ensporta	3.2	5.4

* Visual Ratings from 1-9, 9 = best quality. 9 = most Brown Patch (Rhizoctonia solani)

Kentucky bluegrass established 1975, U. of California South Coast Field Station (cool, Oct-April; warm, May-Sept.).

Variety	Cool (Rank)	Variety	Warm (Rank)
IS 28	8.0 (1)	IS 28	7.5 (1)
Parade	8.0 (1)	Majestic	7.1 (2)
Rugby	7.9 (2)	Rugby	7.1 (2)
Adelphi	7.7 (3)	Pacific	6.9 (3)
Majestic	7.4 (4)	Enmundi	6.8 (4)
Bonnieblue	7.2 (5)	Parade	6.8 (4)
Senic	7.2 (5)	Senic	6.8 (4)
Enmundi	7.1 (6)	Adelphi	6.7 (5)
A34	6.9 (7)	Vantage	6.7 (5)
Enoble	6.9 (7)	A34	6.5 (6)
Pacific	6.8 (8)	Enoble	6.5 (6)
Vantage	6.7 (9)	Merion	6.5 (6)
Baron	6.5 (10)	BM 15	6.4 (7)
Victa	6.5 (10)	Bonnieblue	6.4 (7)
Windsor	6.4 (11)	Windsor	6.4 (7)
Aquilla	6.3 (12)	Sydsport	6.3 (8)
BM 15	6.3 (12)	Common	6.0 (9)
Geronimo	6.3 (12)	CT 14374	5.8 (10)
Touchdown	6.3 (12)	Newport	5.8 (10)
Glade	6.2 (13)	Baron	5.7 (11)
Newport	6.2 (13)	Victa	5.7 (11)
Sydsport	6.1 (14)	Aquilla	5.5 (12)
Common	6.0 (15)	Geronimo	5.5 (12)
Merion	6.0 (15)	Ram I	5.5 (12)
Pennstar	5.8 (16)	Pennstar	5.3 (13)
Ram I	5.8 (16)	Touchdown	5.2 (14)
CT 14374	5.6 (17)	Fylking	5.1 (15)
Fylking	5.4 (18)	Glade	5.1 (15)
Nugget	5.0 (19)	Park	5.0 (16)
Arista	4.8 (20)	Nugget	4.8 (17)
Park	4.8 (20)	Enprima	4.6 (18)
CA 24	4.0 (21)	Arista	4.4 (19)
Enprima	4.0 (21)	CA 24	3.8 (20)

Perennial Ryegrass Variety Performance 1976-78, by Turf Scores (0-10; 10 best).

Derby	7.9 (1)	Derby	5.9 (1)
Pennfine	7.7 (2)	Pennfine	5.8 (2)
Manhattan	7.4 (3)	Manhattan	5.6 (3)
Diplomat	7.3 (4)	Diplomat	5.5 (4)
Clipper	7.2 (5)	Clipper	5.4 (5)
Yorktown	6.9 (6)	S-321	5.2 (6)
Citation	6.7 (7)	Citation	5.0 (7)
Common	6.6 (8)	Common	5.0 (7)
Wendy	6.6 (8)	Ensporta	4.9 (8)
S-321	6.5 (9)	Yorktown	4.9 (8)
Ensporta	6.1 (10)	Wendy	4.8 (9)
Lamora	6.0 (11)	Lamora	4.5 (10)

Winter performance of fifteen non-ryegrass cultivars overseeded on dormant bermudagrass. 1977-78, College Station, Texas.

Cultivar and Species	Seeding Rate (lb./1000 ft. ²)	Winter Performance Ratings ¹				Average for Winter (11 ratings)
		Dec.	Jan.	Feb.	Mar.	
Sabre rb	12	6.7	6.1	6.3	6.7	6.4 ²
Jamestown cf	30	6.2	4.9	5.2	5.0	5.4
Kensington cf	30	6.1	4.9	5.3	5.2	5.4
Penncross cb	3	5.3	5.4	5.7	5.3	5.4
Dawson rf	30	5.7	5.2	5.8	4.7	5.3
Emerald cb	3	5.5	5.0	5.2	5.2	5.2
Seaside cb	3	5.1	4.9	4.8	5.3	5.0
Pennlawn rf	30	5.8	4.0	4.2	4.2	4.7
Syn W cf	30	5.4	4.0	4.0	4.0	4.5
Ensylvia rf	30	5.0	3.8	3.5	4.7	4.2
Atlanta cf	30	5.0	3.7	3.3	4.2	4.1
Wintergreen cf	30	4.9	3.6	3.5	3.2	4.0
Highlight cf	30	4.8	3.0	2.8	3.2	3.6
Denmark (common) rb	12	2.2	2.5	2.3	2.2	2.3
Centurian hard fescue	30	2.5	0.8	0.8	1.7	1.5

LEGEND: cb creeping bentgrass
cf chewings fescue
rb rough bluegrass
rf red fescue

¹Visual rating of 9-best and 0-poorest; December 1, 1977 to March 31, 1978.

²Values joined by the same line are not significantly different at the 5% level for Duncan's Multiple Range Test.

Fineleaf fescues seeded in Fall, 1977, Beltsville, MD.

Entry	% ground cover		% greenup Leaf spot	
	Nov 77	April 78	April 78	July 78
Jade	80	95	92	4.7
Mom 12	87	99	83	5.0
Ilona	83	98	83	5.7
Waldorf	83	100	88	5.7
Famosa	78	96	85	5.3
Syn W	83	99	87	5.7
Koret	82	100	83	4.7
ERG 35	80	99	93	5.3
ERF 283	83	97	85	6.7
Highlight	85	100	83	5.7
Agram	78	97	77	6.0
Grel	77	98	52	7.0
Mennuet	32	40	75	6.0
Barfalla	82	96	75	4.3
Encota	85	100	72	4.0
Jamestown	78	99	70	4.3
Polar	87	100	50	5.0
Sonnet	87	100	47	4.0
Frt 3	82	98	48	5.0
Kensington	87	100	45	5.7
Biljart	83	100	55	7.0
Scaldis	83	96	82	5.7
Silvana	85	99	60	7.0
Waldina	82	100	57	6.3
Tournament	80	99	55	5.7
FL-1	87	100	50	7.0
Engina	72	77	57	2.3
Enzet	82	97	50	2.7
Gracia	83	99	53	3.0
Renova	90	100	48	5.7
Reptan	83	99	53	3.3
Creeping red	87	99	53	2.3
Ensylvia	82	100	67	5.7
H4-50	80	99	72	4.7
ISI H.E. 50	87	100	63	4.7
ISI-722 chewings	72	94	82	5.7
ISI-721 chewings	72	91	90	6.0
76G1-322 (F. ovina)	38	43	55	7.0
Fortress (spreading)	83	96	50	3.3
Mom 25	82	97	68	3.3
Mom 33	85	99	57	3.7
K4-21	82	98	58	4.7
K5-29	83	99	67	3.7
Banner (chewings)	77	98	65	4.7
Pennlawn	88	100	58	4.3

Winter performance of sixteen perennial ryegrass cultivars overseeded¹ on dormant bermudagrass. 1977-78, College Station, Texas.

Perennial Ryegrass Cultivar	Winter Performance Ratings ²				Average for Winter (11 ratings)
	Dec.	Jan.	Feb.	Mar.	
Loretta	7.2	6.8	7.3	7.0	7.1 ³
Caravelle	6.7	6.2	6.7	6.4	6.5
Regal	6.6	6.0	6.6	6.6	6.4
Pennfine	6.5	6.1	6.5	6.6	6.4
Diplomat	6.4	6.0	6.5	7.0	6.3
Derby	6.4	6.1	6.5	6.3	6.3
Manhattan	6.6	5.8	6.3	6.8	6.3
Pelo	6.6	5.8	6.2	6.7	6.3
NK-200	6.8	6.0	5.8	6.0	6.2
Omega	6.4	5.8	6.2	6.5	6.1
Eton	6.1	6.1	6.1	6.1	6.1
Citation	6.4	5.8	6.0	5.8	6.1
Yorktown II	6.2	5.8	6.3	6.5	6.0
Birdie	6.1	5.7	5.9	6.8	5.9
NK-100	5.5	4.6	5.2	5.8	5.2
Linn	5.4	3.5	4.8	5.8	5.0

¹All perennial ryegrass cultivars were seeded at 40 lb./1000 sq. ft.

²Visual rating of 9-best and 0-poorest; December 1, 1977 to March 31, 1977.

³Values joined by the same line are not significantly different at the 5% level for Duncan's Multiple Range Test.