

SECTION 2

The information on the following pages comes from results obtained by the National Turfgrass Evaluation Program (NTEP).

The NTEP is a self-supporting, non-profit program sponsored by the Beltsville Agricultural Research Center of the United States Department of Agriculture (USDA) and the Maryland Turfgrass Council.

The program will not make variety recommendations. However, the data from tests can be used by extension agents and others in the turf industry for making recommendations.

Data is broken down by mean score and test location. Quality ratings range from 1 to 9 with 9 being a perfect turf.

To use the charts, first choose the test site closest to where you are planning to plant grass. Compare the scores of the various varieties and select the one best suited to your area. Remember that no statistical difference is evident between scores with less than the LSD value's difference. In other words, if one variety scores 6.5 for your area and another scores 6.9 and the LSD value is 0.5, there is no significant difference between the varieties; both would be suited to your area.

All data on the following pages is 1990, taken from 1989 test readings, unless otherwise noted.

National director of the NTEP is Kevin Morris, without whose cooperation this section would not have been possible. For further information, write him at Agricultural Research Center West, Bldg. 001, Room 333, Beltsville, MD 20705.

MEAN TURFGRASS RATINGS OF
COMMERCIALY AVAILABLE

KENTUCKY BLUEGRASS

National Averages LSD = 0.2

6.5	Blacksburg		
6.4	Princeton 104		
6.3	Midnight	Eclipse	
6.2	America	Asset Aspen	
6.1	Lofts 1757 A-34	Able I Freedom I Glade	
6.0	Somerset Bristol	Chateau Mystic	
5.9	Trenton Wabash Challenger	Monopoly Rugby Cheri	Sydsport Classic Haga

BLUEGRASS *continued***Cool-Season Areas**

Adelphia, NJ LSD = 1.1	Beltsville MD LSD = 0.6	Univ. Park, PA LSD = 0.6
7.7 Princeton 104 7.5 Blacksburg 7.0 Lofts 1757 6.8 Midnight 6.6 Eclipse 6.4 Able I Ikone 6.3 Ram I Julia 6.1 America Asset Glade 6.0 Bristol 5.9 Aspen Chateau	7.9 Blacksburg 7.8 Midnight 7.7 Eclipse America Aspen Lofts 1757 Able I Amazon 7.6 Princeton 104 7.5 Glade Cynthia 7.4 Aquila	6.1 Blacksburg Somerset 6.0 Wabash 5.9 America 5.8 Aspen Cynthia 5.7 Welcome 5.6 Mystic Merit 5.4 Princeton 104 5.3 Baron 5.2 Coventry Victa Aquila
W. Lafayette, IN LSD = 1.2	E. Lansing, MI LSD = 0.6	Carbondale, IL LSD = 1.0
7.3 Blacksburg Midnight 7.1 Asset 7.0 Somerset Cynthia 6.9 Princeton 104 Eclipse America Able I Wabash Challenger Monopoly Haga Tendos 6.8 Aspen Glade Rugby Barzan	6.8 Princeton 104 6.2 Eclipse 6.1 Challenger 6.0 Midnight Lofts 1757 5.8 Aspen Freedom Bristol Parade 5.7 Destiny 5.6 Glade Wabash Cheri Ram I Dawn Abbey Huntsville	6.8 Mystic 6.6 Wabash 6.5 Blacksburg A-34 6.2 Princeton 104 Eclipse Freedom Trenton Haga Kenblue S.D. Certified 6.1 Challenger 6.0 Midnight Aspen Able I Monopoly Harmony Huntsville

BLUEGRASS *continued*

Cool-Season Areas

Brookings, SD LSD = 0.4	Lincoln, NE LSD = 1.0	Manhattan, KS LSD = 0.5
7.6 American Welcome 7.5 Mystic Amazon 7.4 Blacksburge Midnight 7.3 Eclipse Able I Ram I Dawn 7.2 Aspen Classic Cynthia Parade Julia S.D. Certified	6.5 Coventry Estate 6.3 A-34 6.1 Chateau Mystic 6.0 Sydsport 5.9 Asset Aspen Able I Glade Wabash 5.8 Cheri Tendos	7.6 Midnight 7.2 Bristol 7.1 Blacksburg America 7.0 Lofts 1757 Chateau Challenger Cheri Sydsport Coventry Baron Nassau 6.9 Aspen Able I Ram I Gnome
Ritzville, WA LSD = 2.9	Transition	Warm season
(dense shade) 7.2 Cynthia 7.0 Cheri 6.8 America Somerset 6.5 Chateau Mystic 6.3 Ram I 6.0 Sydsport Coventry 5.8 Challenger 5.7 Wabash Aquila Amazon 5.5 A-34 Able I Freedom Parade Barzan	Remington, VA LSD = 0.9	Riverside, CA LSD = 0.4
	5.8 Monopoly Sydsport Coventry 5.7 Midnight 5.6 Aspen Suffolk 5.4 Freedom Chateau Rugby Estate Aquila 5.3 Trenton Dawn 5.2 America Classic	6.1 Midnight 6.0 Bristol 5.9 Aspen Challenger Classic Suffolk Dawn Tendos 15 tied with 5.8

MEAN TURFGRASS RATINGS OF
COMMERCIALY AVAILABLE

TALL FESCUE

National Averages LSD = 0.1

6.4 Hubbard 87	
6.3 Guardian	Shenandoah
6.2 Crossfire	
6.1 Avanti Amigo Cochise	Aztec Monarch
6.0 Tribute Eldorado Phoenix Thoroughbred Rebel II Apache	Chieftain Bonanza Maverick II Olympic II Wrangler
5.9 Jaguar II Shortstop Silverado Mesa	Ledgend Jaguar Trailblazer

TALL FESCUE *continued*

Cool-Season Areas

New Brunswick, NJ LSD = 0.7	Beltsville, MD LSD = 0.4	E. Lansing, MI LSD = 0.4
6.7 Monarch 6.4 Crossfire 6.3 Aztec 6.2 Cochise 6.1 Hubbard 87 Guardian Eldorado Silverado 6.0 Shenandoah Avanti Tribute 5.9 Amigo	8.0 Guardian Eldorado 7.9 Hubbard 87 Shenandoah Aztec 7.8 Monarch Shortstop Siverado 7.7 Crossfire Amigo 7.6 Avanti Cochise Bonanza	6.3 Cochise Eldorado 6.1 Hubbard 87 Avanti Aztec Tribute 6.0 Crossfire Maverick II Wrangler Jaguar II Shortstop Cimarron
Ithaca, NY LSD = 0.7	Lincoln, NE LSD = 1.3	Marysville, OH LSD = 0.7
5.1 Hubbard 87 5.0 Amigo Monarch 4.9 Guardian Shenandoah Phoenix Bonanza Jaguar 4.8 Wrangler 4.7 Cochise Rebel II Legend Olympic 4.6 Aztec Tribute Chieftain Rebel Falcon	7.1 Guardian 6.8 Hubbard 87 6.6 Avanti 6.5 Apache 6.3 Thoroughbred Legend 6.2 Shenandoah Olympic 6.0 Amigo Cochise Monarch Eldorado Phoenix Maverick II Shortstop Sundance	7.7 Chieftain Bonanza Jaguar 7.5 Shenandoah Apache 7.3 Thoroughbred Wrangler 7.2 Hubbard 87 Guardian Crossfire Monarch Tribute Phoenix Rebel II Legend Rebel Cimarron Finelawn 5GL Adventure Falcon Willamette Aquara

TALL FESCUE *continued***Cool-Season Areas**

Long Island, NY LSD = 0.8	Post Falls, ID LSD = 0.9	Hubbard 87 LSD = 0.6
5.9 Hubbard 87	7.8 Shenandoah	7.1 Hubbard 87
5.7 Cochise	7.7 Cochise	6.9 Guardian
5.5 Amigo	Mesa	6.8 Avanti
5.4 Eldorado	7.6 Hubbard 87	Silverado
Chieftain	Amigo	6.6 Shenandoah
5.3 Guardian	Phoenix	Monarch
Phoenix	7.4 Guardian	Wrangler
5.2 Crossfire	Wrangler	6.5 Cochise
Wrangler	7.3 Crossfire	Aztec
5.1 Avanti	Thoroughbred	Olympic II
Rebel II	Chieftain	Shortstop
Olympic II	Bonanza	Trailblazer
Jaguar II	Jaguar	6.4 Crossfire
Legend	7.2 Aztec	Amigo
Cimarron	Rebel II	Chieftain
Arid	Carefree	

Warm-Season Areas

Santa Ana, CA LSD = 0.2	Griffin, GA LSD = 0.7	Dallas, TX LSD = 0.9
6.2 Rebel II	7.7 Crossfire	(high mowing)
6.1 Hubbard 87	Olympic II	5.1 Taurus
Guardian	7.6 Avanti	Twilight
Shenandoah	Cochise	5.0 Crossfire
Crossfire	Monarch	Trailblazer
Avanti	Phoenix	4.9 Olympic II
Amigo	7.5 Guardian	Rebel
Aztec	Tribute	4.8 Hubbard 87
Monarch	Jaguar II	Amigo
Tribute	Mesa	Rebel II
Phoenix	7.3 Hubbard 87	Trident
Olympic II	Aztec	4.7 Apache
Wrangler	Rebel II	Jaguar
Silverado	Jaguar	Jaguar II
Legend	Titan	Barnone
Jaguar		
Murietta		

TALL FESCUE *continued***Transition Zone**

Urbana, IL LSD = 0.9	Fayetteville, AR LSD = 1.2	Santa Clara, CA LSD = 0.5
7.8 Shenandoah 7.7 Cochise Mesa 7.6 Hubbard 87 Amigo Phoenix 7.4 Guardian Wrangler 7.3 Crossfire Thoroughbred Chieftain Bonanza Jaguar 7.2 Aztec Rebel II Carefree	6.8 Crossfire 6.7 Guardian 6.4 Twilight 6.3 Cochise Arid 6.2 Amigo 6.1 Apache 6.0 Shenandoah 5.9 Olympic II 5.8 Monarch Rebel 5.7 Thoroughbred Olympic	7.2 Murietta 7.0 Shenandoah Silverado 6.9 Hubbard 87 Monarch 6.8 Guardian Aztec Wrangler 6.7 Crossfire Amigo Olympic II Traiblazer Barnone
St. Louis, MO LSD = 0.6		
8.0 Twilight 7.0 Hubbard 87 6.9 Shenandoah Cochise 6.8 Guardian 6.7 Legend 6.6 Avanti Bonanza 6.5 Crossfire Eldorado Thoroughbred Mesa 6.4 Aztec Wrangler Jaguar Sundance		

MEAN TURFGRASS RATINGS OF
COMMERCIALY -AVAILABLE

PERENNIAL RYEGRASS

National Averages LSD = 0.2

6.4 Saturn	
6.3 SR 4100	
6.2 Pennant SR 4000 Dimension	Manhattan II w/endophyte Commander
6.1 Palmer Pick 715 Riviera Charger	Dasher II Fiesta II Repell
6.0 Blazer Omega II	Goalie
5.9 Manhattan II Citation II Caliente Prelude PSU-333	Birdie II Competitor Gator Allaire

RYEGRASS *continued*

Cool-Season Areas

Columbia, MO LSD = 0.7	N. Brunswick, NJ LSD = 1:0	Carbondale, IL LSD = 1.5
7.5 SR 4100 7.3 Saturn Pennant Pick 715 7.2 Charger 7.1 Dasher II 7.0 Manhattan II w/endo Riviera 6.9 Commander Barrage 6.8 Goalie Regal	6.7 SR 4000 6.5 Dimension 6.4 Aquarius 6.3 SR 4100 Pick 715 6.2 Saturn Riviera 6.0 Pennant Manhattan II w/endo Dasher II Blazer II 5.9 Prelude Belle	7.9 SR 4100 7.7 Pennant Charger Goalie 7.6 Riviera 7.5 Saturn 7.4 PSU-333 7.3 SR 4000 Caliente 7.2 Commander Palmer
Ithaca, NY LSD = 0.7	Brookings, SD LSD = 0.5	Corvallis, OR LSD = 0.4
5.2 Pennant Fiesta II Barcredo 5.1 SR 4100 Dasher II Omega II 5.0 SR 4000 Manhattan II Rodeo 4.9 Manhattan II w/endo Dimension Repell PSU-333 Competitor Gator Lindsay Tara Rival Pennfine Nova	7.2 Fiesta II Aquarius 7.1 Belle Barcredo 7.0 SR 4000 Charger Competitor Ovation 6.9 Commander Riviera Blazer II Goalie Lindsay Runaway Pennfine Derby Brenda Yorktown II Diplomat	7.4 Aquarius 6.9 Manhattan II w/endo Dimension Dasher II Fiesta II Repell Tara 6.8 SR 4000 Riviera Charger Blazer II Omega II Manhattan II Competitor Lindsay Rodeo

RYEGRASS *continued*

Cool-Season Areas

Washington, DC LSD = 2.0	Post Falls, ID LSD = 1.0	Lexington, KY LSD = 0.7
6.4 Palmer 5.4 Blazer II 5.3 Repell Gator Allaire Diplomat Manhattan 5.0 Caliente 4.8 Yorktown II 4.7 Saturn Commander Prelude Lindsay Rodeo Sheriff	7.3 Saturn Aquarius 7.0 Blazer II 6.9 Fiesta II 6.8 Pennant Riviera Omega II 246 Tara 6.7 SR 4100 Rodeo 6.6 Dimension Brenda	6.6 Repell Citation II 6.5 SR 4100 Riviera 6.4 SR 4000 Commander Blazer II Omega II Barredo 6.3 Dimension Barrage 6.2 Saturn Pennant Ranger
Wichita, KS LSD = 1.1	E. Lansing, MI LSD = 0.5	Univ. Park, PA LSD = 0.8
7.9 Saturn Regal 7.4 Manhattan II w/endo. Dasher II Patriot 246 7.3 Commander 7.2 Riviera Manhattan II Belle Delray 7.1 Dimension Charger Citation PSU-333	5.8 Saturn 5.6 Dimension 5.5 Allaire 5.4 SR 4100 Palmer Manhattan II Regal Tara Belle 5.3 Pennant SR 4000 Riviera Charger Dasher II Omega II	(low mowing) 6.9 Commander 6.8 Saturn 6.7 Manhattan II w/endo 6.6 SR 4100 Dimension 6.4 Pennant SR 4000 Competitor 6.3 Nova Derby 6.2 Pick 715 Dasher II Repell PSU-333 Allaire Patriot Rodeo

MEAN TURFGRASS RATINGS OF
COMMERCIALY AVAILABLE**BERMUDAGRASS**

National Averages LSD = 0.2

7.0 Tifway II	
6.8 Tifway	Tifgreen
6.4 Tufcote	
6.2 Texturf 10	
6.1 Midiron	
5.7 Vamont	
5.2 Numex Sahara	
4.8 Guymon	

BERMUDAGRASS *continued***Transition zone**

Beltsville, MD LSD = 0.6	Blackstone, VA LSD = 0.5	Virginia Beach, VA LSD = 0.4
7.3 Tifgreen 7.0 Tufcote 6.8 Tifway II 6.6 Tifway Texturf 10 6.5 Midiron 6.1 Vamont 4.9 Numex Sahara 4.7 Guymon 3.8 Ariz. common	6.7 Tifgreen 6.4 Tifway II Tifway 6.3 Texturf 10 6.5 Midiron 6.1 Vamont 5.8 Tufcote 5.4 Midiron 4.9 Numex Sahara 4.8 Guymon 4.3 Ariz. common	7.5 Tifgreen 7.3 Tifway II Tifway 7.2 Texturf 10 6.9 Tufcote 6.7 Numex Sahara 6.5 Midiron 6.3 Vamont 5.8 Ariz. common 5.3 Guymon
Silver Spring, MD LSD = 0.9	Wichita, KS LSD = 0.6	Springfield, MO LSD = 1.6
7.0 Tifway II 6.9 Tifway 6.8 Tifgreen 6.4 Midiron 6.3 Tufcote 5.8 Texturf 10 Vamont 5.2 Numex Sahara 5.1 Guymon 4.2 Ariz. common	8.6 Midiron 8.0 Tifway II Tifgreen Tufcote 7.9 Texturf 10 7.7 Tifway 6.7 Vamont 6.2 Guymon 6.0 Numex Sahara 5.2 Ariz. common	6.0 Vamont 5.7 Tufcote 5.3 Midiron 5.0 Tifway II 4.7 Guymon Ariz. common 4.3 Numex Sahara Tifgreen 4.0 Tifway Texturf 10

BERMUDAGRASS *continued***Transition zone**

Gainesville, FL LSD = 0.5	Miss. State, MS LSD = 0.5	Fayetteville, AR LSD = 0.6
7.0 Tifway II 6.9 Tifway Tifgreen 6.8 Tufcote 6.5 Texturf 10 6.3 Midiron 6.2 Vamont 5.9 Numex Sahara Ariz. common 5.8 Guymon	7.3 Tifway II 7.1 Rifway 6.9 Tifgreen 5.6 Tufcote 5.3 Texturf 10 4.7 Midiron 4.5 Vamont 3.3 Ariz. common 3.2 Numex Sahara 2.7 Guymon	8.5 Tifway II 8.3 Tifway 7.7 Tifgreen 7.6 Tufcote 7.2 Texturf 10 6.4 Midiron 5.8 Numex Sahara 5.6 Ariz. common 5.5 Vamont 4.6 Guymon
Cleveland, TX LSD = 1.3	Tuscon, AZ LSD = 0.8	Irvine, CA LSD = 0.4
8.0 Tifway II 7.7 Tifgreen 7.3 Tifway 5.7 Tufcote Midiron 4.7 Texturf 10 Numex Sahara 4.0 Vamont 3.3 Guymon 3.0 Ariz. common	7.8 Tifway 7.7 Tifway II 6.9 Tifgreen 6.3 Midiron 6.2 Tufcote 5.8 Texturf 10 Vamont 5.4 Guymon 5.1 Numex Sahara 4.8 Ariz. common	6.4 Tifway II 6.3 Tifway 5.8 Texturf 10 5.7 Midiron 5.4 Tifgreen 5.1 Tufcote Vamont 4.9 Numex Sahara 4.7 Guymon 4.6 Ariz. common