



Section 3

The following pages contain results from the National Turfgrass Evaluation Program (NTEP), headquartered in Beltsville, Md. Though the program will not make variety recommendations, according to director Kevin Morris, data from the tests are used by extension agents and others in the turf industry for making such recommendations.

Because of space limitations, the top 5 to 12 commercially-available varieties in each species are listed for each testing site. In some cases, other varieties are available that show no comparative difference (LSD value) between those listed. Contact your local turf extension agent for complete listings.

Ratings range from 1.0 to 9.0 with 9.0 being a perfect turf. The following results are from the 1993 growing season.

For more information about the NTEP, write Morris at Agricultural Research Center West, Bldg. 002, Room 013, Beltsville, MD 20705.

KENTUCKY BLUEGRASS

MEDIUM/HIGH MAINTENANCE

(all trials in full sun unless otherwise noted)

QUALITY AVERAGES/SPONSORS: 6.3 Midnight (Turf-Seed); 6.1 Blacksburg (Turf-Seed), Apex (Medalist); 6.0 Eclipse (Jacklin); 5.9 Princeton 104 (Lofts), Ascot (O.M. Scott), Able I (Davenport); 5.8 Limousine (Jacklin), Alpine (Pickseed West), Shamrock(Lesco), SR2000 (Seed Research of Ore.), Unique (Turf-Seed), Preakness (Lofts); 5.7 Aspen (Medalist), Eagleton (Lofts), Coventry (O.M. Scott), Allure (Davenport); 5.6 Glade (Jacklin), Nustar (Jacklin), Cynthia (Advanta West), Washington (Cascade/Jonathan Green), Bartitia (Barenbrug), Fairfax (O.M. Scott), 1757 (Lofts), Challenger (Turf-Seed), Minstrel (Advanta West), Estate (Roberts); 5.5 Pennpro (Lesco), Julia (Lesco/Jacklin), Liberty (Zajac), A-34 (Davenport), Silvia (Cebeco), Barblue (Barenbrug), Touchdown (Pickseed West), NuBlue (Medalist), Haga (Burlingham). *LSD=0.2.*

COLORADO, FT. COLLINS (sandy clay loam, 3.5 lb./N, 2" mowing): 7.3 Princeton 104; 7.2 Blacksburg; 7.1 Midnight; 7.0 Apex; 6.7 Ascot; 6.6 Eclipse, Broadway, Miracle; 6.4 Shamrock; SR2000, Bartitia, Touchdown; 6.3 Able I, Limousine, Alpine, Pennpro, Barblue, SR2100, Abbey, Crest, NuBlue. *LSD=0.7.*

KENTUCKY BLUE, MED/HI MAINT.

IDAHO, POST FALLS (silt loam/silt, 3.5 lb./N, 1.5" mowing): 8.7 Apex; 8.1 Midnight; 7.6 Alpine; 7.4 Blacksburg, Ascot, Limousine; 7.0 Glade, Minstrel, Melba, Noblesse; 6.7 Barzan; 6.4 Challenger; 6.3 Ram-1, Miracle; 6.2 Able I, NuStar, Bartitia, Pennpro, Ampellia. LSD=1.4.

IOWA, AMES (sandy clay loam, 3.5 lb./N, 2.5" mowing): 7.6 Apex; 7.5 Ascot; 7.4 Midnight, Blacksburg, Alpine, Glade; 7.3 Able I, Limousine, Allure, Cynthia, Miracle; 7.2 Eclipse, Eagleton, Estate, Ampellia; 7.1 Unique, Preakness, Aspen, Coventry, NuStar, Julia, Silvia, Indigo, Ram-1, SR2100, Trampas. LSD=0.5.

ILLINOIS, URBANA (silt loam/silt, 3.5 lb./N, 1.5" mowing): 6.8 Princeton 104; 6.2 Apex, Eagleton; 6.0 Shamrock, Preakness; 5.7 Washington, Monopoly; 5.6 Limousine, Alpine; 5.5 Allure; 5.4 SR2000, Coventry; 5.3 Blacksburg, Cynthia, Fairfax, NuBlue; 5.2 Glade, SR2100. LSD=1.1.

ILLINOIS, CARBONDALE (silty clay loam, 4.5 lb./N, 1.5" mowing): 7.6 Eagleton; 7.1 Glade; 7.0 Preakness; 6.9 Shamrock; 6.8 Midnight; 6.7 Estate, Haga; 6.6 SR2000, NuStar, 1757, Cobalt, Monopoly; 6.5 Coventry, Allure, Livingston; 6.4 Princeton 104, Washington, Marquis, Fortuna. LSD=1.3.

KENTUCKY, LEXINGTON (silt loam/silt, 2.5 lb./N, 1.5" mowing): 8.2 Midnight; 6.9 Able I, SR2000, Indigo, Marquis; 6.8 Princeton 104; 6.7 Blacksburg, Aspen; 6.6 Challenger; 6.5 Eclipse, Ascot, Preakness, Livingston, Fortuna, Merit, Crest, Nassau, Destiny; 6.4 Glade; 6.3 Unique, 1757, Minstrel, Viva. LSD=1.0.

MARYLAND, BELTSVILLE (silt loam/silt, 3.5 lb./N, 1.5" mowing): 7.6 Apex; 7.5 Midnight, Blacksburg; 7.4 Alpine; 7.1 Limousine; 7.0 Preakness; 6.9 Ram-1; 6.8 Eclipse, NuStar, Cynthia, Bartitia, Fairfax, Minstrel; 6.7 Eagleton, Glade, A-34; 6.6 Coventry, Challenger, Julia; 6.5 Shamrock, Allure, Fortuna, Baron, Gnome, Opal. LSD=0.8.

MARYLAND, SILVER SPRING (sand, 3.5 lb./N, 1.5" mowing): 6.8 Apex; 6.7 SR2000; 6.6 Midnight, Barzan; 6.5 Coventry, Banff, Suffolk; 6.4 Eclipse, Preakness, Estate, NuBlue, Dawn, SR2100, Kelly; 6.3 Blacksburg, Limousine, Allure, Fairfax, Haga, Freedom. LSD=0.7.

MICHIGAN, EAST LANSING (sandy loam, 3.5 lb./N, 2.5" mowing): 7.1 Glade, Baron, Opal; 7.0 Cobalt, Ampellia; 6.9 Limousine, Alpine, Estate, Touchdown, Trenton, Belmont, Dawn, Gnome, Merion; 6.8 Unique, Silvia, Suffolk. LSD=0.9.

NEBRASKA, LINCOLN (sandy clay loam, 3.5 lb./N, 3" mowing): 7.3 Apex; 7.1 Limousine; 6.6 Opal; 6.3 Unique, Glade, Fairfax, Julia; 6.2 Eclipse, A-34, Silvia, Freedom; 6.1 Ascot, Eagleton, Washington, NuBlue, Ronde; 6.0 Coventry, Bartitia, 1757, Pennpro, Haga, Trenton, Banff, 4 Aces, Dawn. LSD=1.0.

NEW JERSEY, NORTH BRUNSWICK (loam, 4.5 lb./N, 1.5" mowing): 6.8 SR2000; 6.5 Midnight; 6.3 Eclipse; 6.1 Shamrock; 6.0 Blacksburg; 5.9 Barblue; 5.8 Aspen, Trenton; 5.7 Able I, Georgetown; 5.6 Banff; 5.5 Ascot, Preakness, Classic; 5.4 Haga, Dawn; 5.3 Unique, Freedom. LSD=0.8.

NEW JERSEY, ADELPHIA (loam, 1.5 lb./N, 1.5" mowing, no irrigation): 6.7 Midnight; 6.3 Eclipse, Princeton 104; 6.1 SR2000; 6.0 Blacksburg, Bartitia; 5.9 Apex, Ascot; 5.7 Julia, Liberty, Broadway; 5.6 Aspen, Indigo, Banff, Dawn; 5.5 Limousine, NuStar, Pennpro, NuBlue, Classic. LSD=0.7.

KENTUCKY BLUE, MED/HI MAINT.

NEW JERSEY, MARTINSVILLE (silt loam/silt, 3.5 lb./N, 1.5" mowing): 7.3 Midnight; 6.2 Unique; 6.1 Blacksburg, Able I; 6.0 Princeton 104, Ascot, Cynthia; 5.9 Apex, Summit, Alpine; 5.8 Limousine, Aspen; 5.7 SR2000, Washington, Pennpro; 5.4 Preakness, Allure, Minstrel, Buckingham. *LSD=0.9.*

OREGON, HUBBARD (shade, silt loam/silt, 4.5 lb./N, 2.5" mowing): 6.5 Apex, Ascot; 6.4 Able I, Allure, Bartitia; 6.1 Estate; 6.0 Coventry; 5.8 Unique, Fairfax; 5.7 Washington, Broadway; 5.6 Blacksburg, Cynthia, Challenger; 5.5 Alpine, Julia, Haga, Ram-1; 5.4 Liberty, Marquis. *LSD=1.2.*

OREGON, HALSEY AND HUBBARD: 6.6 Princeton 104; 6.5 Minstrel; 6.3 Midnight, Cynthia, Bartitia, Ampellia; 6.2 Blacksburg, Able I, Washington, 1757, Broadway; 6.1 Limousine, Shamrock, Allure, Estate, Silvia, Miracle. *LSD=0.6.*

RHODE ISLAND, KINGSTON (silt loam/silt, 3.5 lb./N, 1.5" mowing): 6.1 Eclipse; 6.0 Livingston, Indigo; 5.9 Eagleton, Viva; 5.8 Able I, Glade, Crest; 5.7 Ascot, Shamrock, Bartitia, Ram-1, Baron, Merit, Abbey; 5.6 Blacksburg, Princeton 104, A-34, Marquis, Fortuna, Destiny, Noblesse. *LSD=0.7.*

VIRGINIA, BLACKSBURG (silt loam, silt, 3.5 lb./N, 2.5" mowing): 6.1 Limousine, Preakness; 6.0 Eclipse, Princeton 104; 5.9 Washington, 1757; 5.8 Blacksburg, Alpine, Shamrock, Aspen; 5.7 A-34, Silvia, Monopoly; 5.6 Able I, Estate, Pennpro, Banff, Classic; 5.5 Touchdown, Freedom, Abbey. *LSD=0.8.*

VIRGINIA, HAYMARKET (silt loam/silt, 2.5 lb./N, 3" mowing, no irrigation): 3.9 Allure; 3.8 Baron; 3.7 Marquis; 3.6 Shamrock, SR2000, Fairfax, Cobalt, Viva; 3.5 Aspen, Eagleton, Cannon; 3.4 Unique, Minstrel, Belmont, Monopoly, Gnome, Merit, Abbey, Kelly, Merion. *LSD=0.6.*

WASHINGTON, PULLMAN (silt loam/silt, 3.5 lb./N, 2" mowing): 6.4 NuBlue; 6.3 Eclipse, Barblue; 6.2 Pennpro; 6.1 Midnight, Alpine, Shamrock, Unique, Belmont, Opal, Noblesse; 6.0 Apex, Ascot, SR2000, Liberty, Touchdown, SR2100, Cannon; 5.9 Princeton 104, Coventry, Julia, Classic, Broadway, Merit. *LSD=0.7.*

PERENNIAL RYEGRASS

(all trials in full sun unless otherwise noted)

QUALITY AVERAGES/SPONSORS: 6.2 Cutter (Pickseed West); 6.1 Repell II (Lofts), Seville (Willamette), Prelude II (Lofts), Prizm (Zajac), Palmer II (Lofts), Advent (Jacklin), Riviera II (Pickseed West), Precision (Advanta); 6.0 SR4200 (Seed Research of Ore.), APM (Medalist), Stallion Select (Pro Seeds), Morning Star (Pennington), Brightstar (Turf-Seed), Delaware Dwarf (Ampac), Nighthawk (Forbes), Yorktown III (Lofts), Assure (Lesco); 5.9 Achiever (Pickseed West), Gettysburg (Cascade/Jonathan Green), Dandy (Medalist), Affinity (Genesis Group), Navajo (Turf-Seed), Pinnacle (Barenbrug), Legacy (Lesco), Greenland (Pickseed West); 5.8 Buccaneer (Koos), Quickstart (Turf-Seed), Shining Star (Pennington), Equal (All Star Farms), Envy (Zajac). *LSD=0.2.*