

The History Of Manhattan

1626: Peter Minuit barter Manhattan Island for \$24 worth of beads, trinkets and cloth. A bargain.



1967: Manhattan turf-type perennial ryegrass, with genes from Central Park, New York, paces industry.

1968: Athletic field in Woodburn, Oregon is seeded with this 'kid proof' Manhattan ryegrass. Considered best soccer field in the area for 25 years.

1982: New, improved Manhattan II is introduced. It's denser, darker, rust resistant... and even more 'kid proof'.

1992: Endophyte is included for natural insect resistance.



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PERENNIAL RYEGRASS

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Ryegrass Of All Time"

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PERENNIAL RYEGRASS

COLORADO, FT. COLLINS (sandy clay loam, 4.5 lb./N, 1" mowing): 7.3 Prizm, Greenland; 7.2 Cutter, Repell II, Morning Star, Brightstar, Assure, Quickstart; 7.1 Seville, Palmer II, Advent, SR4200, Nighthawk, Dandy, Pinnacle, Buccaneer, Manhattan II, Pebble Beach. *LSD=0.5.*

DISTRICT OF COLUMBIA: 5.2 Loretta; 5.0 Barrage++, 4.6 Seville; 4.4 Pennant; 4.2 Cutless, Calypso; 4.1 Barrage; 4.0 Delaware Dwarf, Navajo, Gator, Nomad, Citation II, Caliente; 3.9 Precision, Envy, Danilo; 3.8 Morning Star, Dandy, Legacy, Competitor, Manhattan II. *LSD=1.0.*

IOWA, AMES (sandy clay loam, 2.5 lb./N, 2.5" mowing): 7.5 Barrage, Loretta; 7.4 Precision, Navajo, Barrage++, Allegro; 7.3 Affinity, Gator, Lowgrow, Taya; 7.2 Advent, Cutless; 7.1 APM, Delaware Dwarf, Cowboy II, Ovation; 7.0 Fiesta II, Elite, Danilo; 6.9 Riviera II, Gettysburg, Dandy, Dimension, Manhattan II, Charger, Nomad, Riviera, Derby Supreme. *LSD=0.9.*

IDAHO, RATHDRUM (silt loam/silt, 4.5 lb./N, 1.5" mowing): 6.7 Prelude II, SR4200; 6.5 Delaware Dwarf; 6.4 Evening Shade; 6.3 Nighthawk, Express; 6.2 Advent, Precision, Charger, Nomad; 6.1 Repell II, Gettysburg; 6.0 Cutter, Dandy, Navajo, Buccaneer, Lowgrow. *LSD=1.1.*

ILLINOIS, CARBONDALE (silty clay loam, 4.5 lb./N, 1.5" mowing): 8.5 Seville; 8.3 Prizm, Assure; 8.2 Cutter; 8.1 Precision, Pinnacle; 7.9 Riviera II, APM, Achiever; 7.8 Brightstar, Nighthawk; 7.7 Morning Star, Delaware Dwarf, Affinity, Legacy, Dimension; 7.6 Quickstart, Sherwood, Express; 7.5 Advent, Gettysburg, Envy. *LSD=1.4.*

KANSAS, WICHITA (sandy loam, 3.5 lb./N, 1.5" mowing): 7.0 Morning Star, Fiesta II; 6.8 Repell II; 6.7 Advent, SR4200, Delaware Dwarf; 6.5 Cutter, APM, Brightstar, Achiever, Navajo, Quickstart, Equal, Envy, Target, Sherwood, Saturn, Premier, Caliente. *LSD=1.3.*

KENTUCKY, LEXINGTON (silt loam/silt, 2.5 lb./N, 1.5" mowing): 7.0 Assure; 6.9 Palmer II, Brightstar, Dandy; 6.8 Precision, Legacy, Pleasure; 6.7 Repell II, Riviera II, Regal; 6.6 Nighthawk; 6.5 Delaware Dwarf, Achiever, Shining Star, Pronto, Commander; 6.4 SR4200, Evening Shade. *LSD=1.2.*

MARYLAND, BELTSVILLE (silt loam/silt, 3.5 lb./N, 1.5" mowing): 7.6 Palmer II; 7.5 Assure; 7.4 Prelude II, Brightstar; 7.3 Cutter, Repell II, Prizm; 7.2 Riviera II, APM, Stallion Select, Gettysburg, Pinnacle; 7.1 Seville, Competitor; 7.0 Advent, Morning Star, Affinity, Equal, Rodeo II. *LSD=1.1.*

MARYLAND, SILVER SPRING (sandy loam, 4.5 lb./N, 0.5" mowing): 6.9 Repell II; 6.8 SR4200, Yorktown III, Assure, Manhattan II; 6.7 Cutter, APM, Stallion Select, Delaware Dwarf, Pinnacle, Quickstart; 6.6 Achiever, Greenland, Sherwood, Commander, Calypso; 6.5 Seville, Prelude II, Dandy, Navajo, Buccaneer, Pleasure, Riviera, Topeka, Caliente. *LSD=0.5.*

MICHIGAN, E. LANSING (sandy loam, 3.5 lb./N, 2.5" mowing): 6.4 Troubadour; 6.3 Loretta, Entrar; 6.1 Gettysburg, Repell, Allegro; 6.0 Pebble Beach, Barrage++, Pennfine; 5.9 Prelude II, Fiesta II, Gator, Saturn, Cowboy II, Nomad, Topeka, Stallion, Barrage, Taya. *LSD=0.6.*

NEBRASKA, LINCOLN (sandy clay loam, 3.5 lb./N, 3" mowing): 6.3 Nighthawk, Lowgrow, Cowboy II; 6.2 Essence; 6.0 Repell II, Prelude II, Troubadour; 5.9 Stallion Select, Envy; 5.8 Cutter, SR4200, Navajo, Sherwood, Rodeo II, Patriot II, Evening Shade, Citation II. *LSD=1.0.*

NEW JERSEY, NORTH BRUNSWICK (loam, 5.5 lb./N, 1.5" mowing): 7.5 Prizm, Stallion Select; 7.0 Cutter, Repell II, Prelude II, SR4200, Yorktown III; 6.9 Advent, Nighthawk, Achiever; 6.8 Pinnacle; 6.7 Riviera II; 6.6 Palmer II, Dimension; 6.5 Morning Star, Brightstar, Quickstart; 6.4 Affinity. *LSD=0.9.*

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PERENNIAL RYEGRASS

NEW JERSEY, ADELPHIA (loam, 2.5 lb./N, 1.5" mowing): 7.1 Prelude II; 6.8 Palmer II, Greenland; 6.4 Precision; 6.3 Repell II, Buccaneer; 6.2 Prizm, Morning Star; 6.1 Advent; 6.0 Gettysburg; 5.9 Nighthawk, Quickstart; 5.8 Seville, Stallion Select, Brightstar, Delaware Dwarf, Affinity, Target. *LSD=1.4.*

OREGON, HUBBARD (silt loam/silt, 4.5 lb./N, 2.5" mowing, 1/3 shade): 7.0 Essence; 6.7 Palmer II; 6.6 Cutter, Brightstar, Navajo; 6.5 APM, Yorktown III; 6.3 Cowboy II; 6.2 Repell II, Seville, Prizm, Nighthawk, Affinity, Equal, Competitor; 6.1 Prelude II, Lowgrow, Pebble Beach, Accolade. *LSD=1.0.*

VIRGINIA, BLACKSBURG (silt loam/silt, 3.5 lb./N, 2.5" mowing): 5.7 Gator; 5.5 Cutter, Palmer II; 5.4 Repell II, Advent; 5.2 Prizm, Barrage++; 5.1 Seville, Riviera II, APM, Morning Star, Repell, Mulligan; 5.0 Assure, Buccaneer, Regal, Loretta; 4.9 Precision, Manhattan II, Pronto, Premier, Caliente. *LSD=0.9.*

WASHINGTON, PULLMAN (silt loam/silt, 3.5 lb./N, 2" mowing): 7.2 Nighthawk; 7.1 Precision, SR4200, Brightstar, Assure, Buccaneer, Pleasure; 7.0 Cutter, Palmer II, Envy, Fiesta II, Derby Supreme; 6.9 Riviera II, Dandy Greenland, Essence, Cowboy II, Evening Shade. *LSD=0.9.*

WASHINGTON, PUYALLUP (sandy loam, 4.5 lb./N, 1.5" mowing): 5.0 Dandy; 4.8 Seville, Gator, Elite; 4.7 SR4200, APM, Topeka; 4.5 Palmer II, Advent, Morning Star, Brightstar, Delaware Dwarf, Yorktown III, Fiesta II, Lowgrow, Charger, Repell, Rodeo II, Cutless, Calypso, Derby Supreme, Citation II, Barrage++, Allegro, Cartel. *LSD=0.7.*

SEEDED BERMUDAGRASS

(all trials in full sun unless otherwise noted)

QUALITY AVERAGES/SPONSORS (*standard entry): 6.8 Tifgreen*; 6.5 Tifway*; 6.3 Midiron*; 6.2 Midlawn (Kansas St. Research Foundation & Oklahoma State Univ.); 6.1 Midfield (KSU Research & OSU); 6.0 Texturf 10*; 5.6 Jackpot (Jacklin Seed); 5.5 Sultan (Farmer's Marketing), Mirage (International Seeds); 5.2 Guymon*; 5.1 Numex Sahara*, Sundevil (Medalist America); 5.0 Sonesta (O.M. Scott); 4.9 Primavera (Seed Research of Ore./Farmer's Marketing); 4.8 Cheyenne (Pennington), Arizona common*. *LSD=0.2.*

ALABAMA, AUBURN: 7.4 Tifgreen; 7.0 Tifway, Midiron; 6.8 Midlawn; 6.7 Texturf 10; 6.6 Jackpot; 6.3 Midfield, Sultan. *LSD=0.6.*

ARKANSAS, FAYETTEVILLE: 8.6 Tifgreen; 7.6 Midlawn; 7.5 Tifway, Texturf 10; 7.4 Midiron, Sultan; 7.3 Jackpot. *LSD=1.0.*

ARIZONA, TUCSON (sandy loam, 2.5 lb./N, 1.5" mowing): 7.0 Tifway; 6.6 Tifgreen; 6.5 Midfield; 6.3 Midlawn; 6.1 Guymon; 6.0 Mirage, Midiron. *LSD=0.9.*

CALIFORNIA, SANTA ANA (sandy loam, 3.5 lb./N, 1" mowing): 6.3 Tifway, Texturf 10; 6.2 Tifgreen; 5.8 Midfield; 5.6 Midlawn; 5.4 Midiron, Jackpot; 5.3 Guymon. *LSD=0.3.*

CALIFORNIA, RIVERSIDE (sandy loam, 3.5 lb./N, 1" mowing): 6.6 Tifway; 6.1 Midiron; 6.0 Tifgreen, Texturf 10; 5.9 Midlawn, Midfield; 5.4 Jackpot, Sultan. *LSD=0.4.*



Fine Fescue Defined

What are Fine Fescues and why are they so important to turf managers?

Our Fescue turfgrasses are part of most every park, golf course, industrial campus, athletic field, condominium commons and home lawn from the transition zone, Northward.

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Not only do Fine Fescues excel alone or in perennial ryegrass/Kentucky bluegrass mixtures on horizontal playing surfaces; Fescues are excellent for low maintenance areas like berms, roadside banks, ski slopes and hilly spots that don't retain moisture. So, you see, Fescues are ideal all-around grasses for *all around* your recreation and sports facility. Their low maintenance requirements offer *turf managers* a chance for a little more leisure... and there's nothing wrong with that.

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Oregon Fine Fescue Commission

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503/585-1157 FAX 585-1292

SEEDED BERMUDAGRASS

FLORIDA, GAINESVILLE (loamy sand, 1.5 lb./N, 1" mowing): 6.6 Tifway, Midiron; 6.4 Tifgreen; 6.0 Midfield, Texturf 10, Sultan; 5.9 Mirage, Sonesta. LSD=0.7.

GEORGIA, GRIFFIN (sandy loam, 3.5 lb./N, 1" mowing, high pH): 6.7 Tifway; 6.4 Tifgreen; 6.2 Midiron, Texturf 10; 5.9 Guymon; 5.8 Sultan, Mirage. LSD=0.8.

GEORGIA, GRIFFIN (sandy loam, 3.5 lb./N, 1" mowing, low pH): 6.4 Tifgreen; 5.7 Tifway; 5.6 Sultan; 5.5 Midlawn, Midfield; 5.4 Midiron, Texturf 10. LSD=0.7.

ILLINOIS, CARBONDALE (silty clay loam, 3.5 lb./N, 1.5" mowing, no irrigation): 7.8 Tifgreen; 7.7 Tifway; 7.4 Midlawn, Midfield; 7.1 Midiron; 6.0 Texturf 10; 5.7 Sultan. LSD=0.9.

KANSAS, WICHITA (sandy loam, 3.5 lb./N, 1" mowing): 8.6 Tifway; 8.0 Midfield; 7.9 Midiron; 7.6 Tifgreen; 7.4 Midlawn, Texturf 10; 7.3 Mirage, Guymon. LSD=0.7.

KENTUCKY, LEXINGTON (sandy loam/silt, 1.5 lb./N, 1" mowing): 6.2 Tifgreen; 6.1 Tifway; 5.9 Midfield, Mirage; 5.8 Texturf 10; 5.6 Midiron; 5.5 Guymon. LSD=0.5.

LOUISIANA, CALHOUN (sandy loam, 2.5 lb./N, 1.5" mowing): 7.3 Tifgreen; 7.1 Tifway, Midiron; 6.8 Midfield; 6.4 Midlawn; 6.1 Texturf 10; 5.5 Mirage. LSD=0.5.

MARYLAND, BELTSVILLE (loam, 1.5 lb./N, 1" mowing): 7.8 Tifgreen; 6.7 Tifway; 6.5 Jackpot; 6.3 Midiron, Midlawn; 6.2 Texturf 10, Sultan. LSD=0.5.

MISSOURI, NEW FRANKLIN (silt loam/silt, 2.5 lb./N, 2" mowing): 5.5 Midfield; 5.3 Tifgreen; 4.8 Midiron, Midlawn; 4.6 Guymon; 4.5 Texturf 10; LSD=1.3.

MISSISSIPPI, MISSISSIPPI STATE (sandy clay loam, 2.5 lb./N, 2.5" mowing): 7.3 Tifway; 6.9 Tifgreen; 6.0 Midlawn; 5.9 Midiron, Midfield; 5.6 Texturf 10; 5.1 Sultan. LSD=0.4.

NEBRASKA, LINCOLN (sandy clay loam, 3.5 lb./N, 3" mowing): 7.8 Tifgreen; 7.2 Midlawn; 6.7 Midiron; 6.0 Midfield, Texturf 10; 5.5 Sultan; 5.3 Sundevil, Sonesta. LSD=1.1.

OKLAHOMA, STILLWATER (loam, 1.5 lb./N, 2" mowing, light shade): 7.0 Tifgreen, Midlawn, Jackpot; 6.7 Tifway, Midfield, Texturf 10. LSD=1.1.

TEXAS, DALLAS (silty clay/clay, 3.5 lb./N, 1" mowing): 6.6 Midlawn; 6.5 Tifgreen, Midfield; 6.4 Midiron, Texturf 10; 6.2 Tifway. LSD=0.5.

TEXAS, DALLAS (silty clay/clay, 3.5 lb./N, 1" mowing, partial shade): 6.0 Tifway; 5.8 Midiron; 5.4 Texturf 10; 5.3 Midlawn; 5.2 Tifgreen; 5.1 Midfield, Jackpot. LSD=0.7.

VIRGINIA, BLACKSBURG (silt loam/silt, 3.5 lb./N, 1" mowing): 7.0 Tifway; 6.9 Tifgreen; 6.5 Midlawn; 6.0 Midiron; 5.8 Midfield, Jackpot; 5.6 Texturf 10. LSD=0.9.

VIRGINIA, VIRGINIA BEACH (sandy loam, 4.5 lb./N, 1" mowing): 6.8 Tifgreen, Tifway; 6.3 Midiron; 5.7 Midlawn; 5.6 Sultan; 5.5 Texturf 10; 5.4 Jackpot. LSD=0.6.



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TURF-TYPE TALL FESCUE

(all trials in full sun unless otherwise noted)

QUALITY AVERAGES/SPONSORS: 6.0 Gen-91 (Genesis Group), Jaguar 3 (Zajac); 5.9 Pixie (Jacklin), MB-25-92 (Burlingham), Finelawn Petite (Finelawn Research), Falcon II (Burlingham), Rebel Jr. (Lofts); 5.8 Houndog V (International), Coyote (Zajac), Lancer (Lesco), Tomahawk (Turf-Seed), Lexus (Barenbrug); 5.7 MB-23-92 (Burlingham), Rebel 3-D (Lofts), SR8200 (Seed Research), Coronado (Pure Seed), Guardian (Roberts), Duster (Pennington), SR8400 (Seed Research), Micro DD (Turf Merchants), Emperor II (Zajac), Montauk (Cascade), Safari (Turf-Seed), Eldorado (Turf-Seed), Duke (Cascade); 5.6 Cochise (Ampac), Silverado (Turf-Seed), Apache II (Pure Seed), Titan 2 (Smith), Leprechaun (Roberts), Mirage (Turf Merchants), Avanti (Davenport), Virtue (Pennington), Trailblazer II (Lesco), Vegas (Barenbrug), SR8300 (Seed Research), Shenandoah (Willamette), Adobe (O.M. Scott), Bonsai Plus (Turf Merchants). *LSD=0.1.*

ALABAMA, AUBURN: 7.0 Adobe; 6.9 Safari, Falcon; 6.8 Houndog V, SR8200, SR8300, Phoenix; 6.7 Jaguar 3, Coronado; 6.6 Shenandoah, Arid, KY-31 w/endo; 6.5 Pixie, Rebel Jr., SR8400, Duke, Silverado, Leprechaun, Trailblazer II, Kittyhawk. *LSD=0.9.*

ARKANSAS, FAYETTEVILLE: 7.4 Lexus; 7.1 Finelawn Petite, Houndog V, Lander, Duster; 7.0 Rebel Jr., Apache II, Mirage, Bonsai; 6.9 Gen-91, Pixie, Rebel 3-D; 6.8 Jaguar 3, MB-25-92, MB-23-92, Coronado, MB-22-92, SR8400, Micro DD, Vegas. *LSD=0.6.*

ARIZONA, TUCSON (sandy loam, 2.5 lb./N, 2.5" mowing): 7.3 Pixie, Avanti; 7.2 Alamo; 7.1 Falcon II, Coyote, Lexus, Coronado, Guardian, Duster, Emperor II, Austin, Olympic II; 7.0 Jaguar 3, Finelawn Petite, Houndog V, Lancer, MB-23-92, SR8200, Eldorado, Duke, Virtue, Vegas, SR8300, Shenandoah, Kittyhawk, Aztec, Monarch, Astro 2000, Aris, Anthem. *LSD=0.5.*

CALIFORNIA, SANTA CLARA (loam, 2.5 lb./N, 2" mowing): 7.4 Micro DD, Bonsai; 7.3 Jaguar 3, MB-25-92, Lancer, Adobe; 7.2 Duster, Emperor II, Olympic II; 7.1 Pixie, Falcon II, Coyote, Mirage; 7.0 Coronado, Vegas, Bonsai Plus, Kittyhawk. *LSD=0.5.*

CALIFORNIA, RIVERSIDE (sandy loam, 4.5 lb./N, 2" mowing): 6.7 Cochise, Alamo; 6.6 Gen-91, Jaguar 3, Finelawn Petite, Falcon II, Lexus, Montauk, Duke, Leprechaun, SR8300; 6.5 MB-25-92, Rebel Jr., Tomahawk, MB-23-92, Rebel 3-D, Coronado, Guardian, Duster, Eldorado, Mirage, Virtue, Adobe, Bonsai Plus, Aztec, Bonsai, Twilight. *LSD=0.3.*

COLORADO, FORT COLLINS (sandy clay loam, 3.5 lb./N, 2.5" mowing): 6.9 Gen-91; 6.7 Rebel Jr., Houndog V, Lancer, Rebel 3-D; 6.6 Finelawn Petite, Falcon II, Coyote; 6.5 Jaguar 3, Tomahawk, Safari, Eldorado; 6.4 Pixie, SR8200, Duster, Montauk, Aztec. *LSD=0.5.*

DISTRICT OF COLUMBIA (silt loam, 1.5 lb./N, 2.5" mowing): 4.6 Arid; 3.8 Guardian, Falcon, Anthem; 3.7 Jaguar 3, Astro 2000; 3.4 SR8300; 3.3 Pixie, SR8400, KY-31 no endo. *LSD=1.0.*

GEORGIA, GRIFFIN (high pH, sandy clay loam, 3.5 lb./N, 2" mowing): 4.9 Jaguar 3, MB-25-92, Finelawn Petite, SR8200, Coronado, Adobe; 4.8 Rebel 3-D, Duke, Silverado, Apache, Avanti; 4.7 Pixie, Falcon II, Rebel Jr., Coyote, Emperor II, Safari, Mirage, Trailblazer II, Twilight. *LSD=0.6.*

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TURF - TYPE TALL FESCUE

GEORGIA, GRIFFIN (*low pH, sandy clay loam, 3.5 lb./N, 2" mowing, no irrigation*): 4.0 SR8200, SR8400, Austin, Anthem, KY-31 w/endo; 3.7 Cochise, Bonsai Plus; 3.5 Mirage, Twilight, Falcon. *LSD=1.7.*

ILLINOIS, URBANA (*silt loam/silt, 1.5 lb./N, 2.5" mowing*): 6.9 Rebel Jr.; 6.8 Jaguar 3; 6.6 Gen-91; 6.5 Lancer, Vegas; 6.4 MB-25-92, Guardian; 6.3 Houndog V, SR8400; 6.2 SR8300, Austin; 6.1 Eldorado, Titan II, Virtue, Aztec, Anthem. *LSD=1.0.*

ILLINOIS, CARBONDALE (*silty clay loam, 4.5 lb./N, 2.5" mowing*): 7.2 Coyote; 6.9 Cochise; 6.8 Gen-91, SR8200; 6.7 MB-25-92; 6.6 Jaguar 3, Rebel Jr., Coronado; 6.5 SR8400, Emperor II, Eldorado, Shenandoah; 6.4 Pixie, Tomahawk, Safari, SR8300. *LSD=1.3.*

KANSAS, MANHATTAN (*silt loam/silt, 3.5 lb./N, 3.5" mowing*): 6.8 Gen-91, Lexus; 6.6 Falcon II; 6.5 MB-25-92, Micro DD, Cochise, Leprechaun; 6.4 Jaguar 3, Emperor II, Eldorado, Silverado, Virtue; 6.3 Finelawn Petite, Rebel Jr., Houndog V, Tomahawk, Coronado, SR8400, Mirage. *LSD=0.7.*

KENTUCKY, LEXINGTON (*silt loam/silt, 2.5 lb./N, 1.5" mowing*): 7.2 Falcon II; 7.1 MB-25-92; 7.0 Gen-91, Lexus; 6.9 Pixie, Coyote, Lancer, MB-23-92, Rebel 3-D; 6.8 Finelawn Petite, Houndog V, Tomahawk, Coronado, Emperor II; 6.7 Apache II. *LSD=0.4.*

LOUISIANA, CALHOUN (*sandy loam, 1.5 lb./N, 3.5" mowing*): 4.1 Titan 2; 3.9 Emperor II, Adobe, Anthem, KY-31 w/endo; 3.8 SR8300, Shenandoah, Bonanza II, Austin, Phoenix, Arid. *LSD=0.4.*

MARYLAND, BELTSVILLE (*high maintenance: loam, 3.5 lb./N, 1.5" mowing*): 7.7 Gen-91, Lexus; 7.6 Coyote; 7.5 Pixie, Finelawn Petite, Falcon II, Houndog V, Duster; 7.4 Lancer; 7.3 MB-23-92, Rebel 3-D; 7.1 Jaguar 3, Rebel Jr., Apache II, Trailblazer II; 7.0 Coronado, Micro DD, Eldorado. *LSD=0.4.*

MARYLAND, SILVER SPRING (*sand, light shade, 2.5 lb./N, 3" mowing*): 6.4 MB-23-92; 6.3 Lancer; 6.2 MB-25-92; 6.1 Houndog V; 6.0 Falcon II, Rebel Jr., Lexus, Guardian, Safari, Titan 2, Austin, Astro 2000; 5.9 Gen-91, Tomahawk, SR8400, Micro DD, Montauk, Cochise, Leprechaun, Avanti, SR8300, Shenandoah, Bonanza II, Alamo, Olympic II. *LSD=0.4.*

MASSACHUSETTS, DEERFIELD (*silty clay loam, 3.5 lb./N, 2" mowing*): 7.3 Coyote; 7.1 Gen-91, Coronado, Twilight; 7.0 Lexus; 6.9 Pixie, MB-25-92, Duster; 6.8 Tomahawk, Bonsai; 6.7 Micro DD; 6.6 Finelawn Petite, Falcon II, Lancer, Apache II; 6.5 Emperor II, Virtue. *LSD=0.7.*

MISSOURI, COLUMBIA (*silty clay loam, 3.5 lb./N, 2.5" mowing*): 8.8 Pixie; 7.7 Lexus, Guardian, Bonsai Plus; 7.5 SR8200; 7.3 Falcon II, Coyote, Rebel 3-D, SR8400, Duke, Avanti, Kittyhawk, Falcon; 7.2 Gen-91, Jaguar 3, MB-25-92, Rebel Jr., MB-23-92, Safari, Eldorado, Silverado, Vegas, Austin, Aztec, Olympic II, Twilight, Anthem. *LSD=0.6.*

MISSOURI, ST. LOUIS (*silty clay loam, 3.5 lb./N, 3" mowing*): 5.9 Apache II; 5.7 Gen-91, Finelawn Petite, Lexus; 5.5 Lancer, MB-23-92; 5.4 Houndog V, Coyote, Rebel 3-D; 5.3 Rebel Jr., Duster, Micro DD, Cochise, Bonsai Plus; 5.2 Falcon II, Coronado, Vegas. *LSD=0.7.*