

# 2006-2007 Virginia Turfgrass Variety Recommendations

Mike Goatley, Turfgrass Specialist, Virginia Tech  
David McKissack, Research Specialist, Sr, Virginia Tech

The Maryland-Virginia Turfgrass Variety Recommendation Work Group meets each Spring to consider the previous year's data from Virginia and Maryland National Turfgrass Evaluation Program (NTEP) trials and to formulate these recommendations. Maryland and Virginia variety recommendations are identical for Kentucky bluegrass, tall fescue, fine leaf fescue and perennial ryegrass. Bermudagrass and zoysiagrass variety recommendations may differ somewhat due to adaptation and state regulation. To qualify for this recommended list turfgrass varieties: 1) must be available as certified seed or, in the case of vegetative varieties, as certified sprigs or sod; 2) must be tested at sites in both Virginia and Maryland; 3) must perform well, relative to other varieties, for a minimum of two years to make the list as a "promising" variety and for three years to make the recommended category. All test locations in Virginia and Maryland are considered in making these recommendations. The Virginia Crop Improvement Association (VCIA) will accept the turfgrass blends or mixtures listed below in the VCIA Sod Certification Program. All seed or vegetative material must be certified and meet minimum quality standards prescribed by the VCIA. Many seeding specifications (for municipalities, counties, state and governmental agencies, landscape architects, and professional organizations) state that varieties used for turfgrass establishment must come from this list and that blends or mixtures follow the guidelines for certified sod production. Specifications for state highway seeding are developed separately and may require some species and/or varieties not normally recommended for uses other than roadside seeding. Seed availability may vary between turf seed suppliers. Some species and varieties may have limited adaptation.

**Kentucky Bluegrass** – Individual varieties selected must make up not less than 10%, nor more than 35% of the total mixture on a weight basis. All varieties must be certified. Selections can be made from Category I alone or various combinations of Categories I, II, and III as noted. Kentucky bluegrasses listed as "Promising" (Category III below) can account for no more than 35% of the blend by weight).

## **Category I – Recommended Kentucky Bluegrass Varieties (65–100% of blend by weight).**

Apollo, Arcadia<sup>(3)</sup>, Award, Awesome, Beyond, Blackstone<sup>(1)</sup>, Bordeaux, Brilliant, Cabernet, Champlain, Courtyard, Dynamo, Everest, Everglade, Excursion<sup>(3)</sup>, Impact, Liberator, Limousine, Midnight, Moonlight, NuGlade, Perfection, Princeton 105, Quantum Leap, Rambo, Raven, Rugby II<sup>(3)</sup>, Total Eclipse, Tsunami, and Unique<sup>(3)</sup>.

**Category II – Special use varieties (10–35% on a weight basis)** – These varieties have been noted for specific enhancement of Kentucky bluegrass performance as related to shade tolerance and reduced maintenance requirements.

**Shade Tolerant:** Ascot, Brilliant, Liberator, Moonlight, NuGlade, Princeton 105, and Quantum Leap.

**Low Maintenance Tolerant:** Bariris, Baron, and Midnight.

**Category III – Promising Kentucky Bluegrasses (10–35% on a weight basis)** – These grasses have performed in the top statistical quality category for a minimum of 2 consecutive years in Virginia and Maryland trials. Seed may be difficult to locate.

Bariris, Barrister, Bluestone, Diva, Ginney, Glenmont, NuDestiny, and Skye.

**Tall Fescue** – For tall fescues, both recommended and promising varieties can be used in the VCIA Sod Certification Program.

## **Category I – Recommended Tall Fescue Varieties (90–100% on a weight basis)**

2<sup>nd</sup> Millennium, Arid 3<sup>(3,4)</sup>, Avenger, Barerra<sup>(1, 3)</sup>, Barlexus<sup>(1)</sup>, Biltmore<sup>(3)</sup>, Bingo, Bonsai 2000<sup>(4)</sup>, Bravo<sup>(3)</sup>, Chapel Hill<sup>(4)</sup>, Cochise III, Constitution, Coyote<sup>(1)</sup>, Coyote II<sup>(3)</sup>, Crewcut II<sup>(1)</sup>, Crossfire II, Davinci, Dominion<sup>(1)</sup>, Durana<sup>(4)</sup>, Duster<sup>(1)</sup>, Dynasty<sup>(1)</sup>, Empress<sup>(4)</sup>, Endeavor, Falcon II<sup>(1)</sup>, Falcon IV, Fidelity<sup>(3)</sup>, Finelawn Petite<sup>(4)</sup>, Genesis<sup>(4)</sup>, Good-en, Grande, Greenkeeper WAF, Hounddog 5, Inferno, Jaguar 3<sup>(1)</sup>, Justice, Kalahari, Laramie<sup>(1, 3)</sup>, Lion<sup>(3,4)</sup>, Magellan, Masterpiece, Millennium<sup>(1)</sup>, Mustang 3<sup>(3)</sup>, Onyx<sup>(3)</sup>, Padre<sup>(3)</sup>, Picasso, Penn 1901, Quest, Raptor, Rebel Exeda, Rebel 2000<sup>(4)</sup>, Rebel Sentry<sup>(1)</sup>, Red Coat<sup>(4)</sup>, Regiment II, Rembrandt, Rendition, Renegade<sup>(3,4)</sup>, Reserve<sup>(4)</sup>, Shenandoah<sup>(4)</sup>, Shenandoah II<sup>(4)</sup>, Southern Choice<sup>(3,4)</sup>, SR 8250, SR 8300<sup>(3)</sup>, Stetson<sup>(1,3)</sup>, Tarheel, Tarheel II, Titan 2<sup>(4)</sup>, Titanium, Tulsa<sup>(4)</sup>, TF 66<sup>(1)</sup>, Ultimate, Virtue<sup>(1)</sup>, Watchdog, Wolfpack, WPEZE<sup>(3)</sup>, and Wyatt<sup>(1)</sup>.

**Category II – Promising tall fescue varieties (may be 90–100% of the mixture on a weight basis)**

Apache III, Beacon, Blackwatch, Blade Runner, Cayenne, Chipper, Corgi, Covenant, Daytona, Desire, Dynamic, Escalade, Evergreen II, Expedition, Finelawn Elite, Firebird Five-Point, Forte, Grande II, Gremlin, Guardian 21, Houndog 6, Hunter, Innovator, Lexington, Matador, Matador GT, Ninja 2, 'Ol Glory, Piedmont, Proceeds 5301, Riverside, Scorpion, Serengeti, Scorpion II, Silverado II, Silverstar, Solara, Southern Choice II, SR 8550, SR 8600, Tahoe, Tempest, Turbo, Tuxedo, Venanzio, and Virtuoso.

**Kentucky bluegrass varieties recommended for mixing with tall fescue sod to enhance sod strength (up to 10% of the seed mixture by weight):** Baron and all cultivars from Kentucky bluegrass Categories I, II and III

**Bermudagrass** – Varietal differences in texture and winter hardiness are important considerations. If no notation follows the variety name this indicates it has performed in the top statistical category at both Virginia Tech and Hampton Roads Research Stations. Varieties with the notation # are only recommended in Southeastern Virginia.

**Category I – Recommended vegetatively propagated bermudagrass varieties:** Aussie Green<sup>#</sup>, Celebration<sup>#</sup>, GN-1<sup>#</sup>, Midfield, Midiron, Midlawn, MS-Choice<sup>#</sup>, Patriot, Quickstand, Shanghai<sup>#</sup>, Tifgreen<sup>#</sup>, TifSport<sup>#</sup>, Tifway<sup>#</sup>, Tifway II<sup>#</sup>, Tufcote, and Vamont.

**Promising vegetatively propagated bermudagrass varieties:** Premier

**Category II - Recommended seeded bermudagrass varieties:** Blackjack<sup>#</sup>, Continental<sup>#</sup>, Mohawk<sup>#1</sup>, Princess-77<sup>#</sup>, Riviera, Savannah<sup>#</sup>, Southern Star<sup>#1</sup>, Sundevil II<sup>#1</sup>, Transcontinental<sup>#1</sup>, and Yukon.

**Zoysiagrass** – (Varietal differences in texture and winter hardiness are important considerations.)

**Category I – Recommended vegetatively propagated zoysiagrass varieties:** Meyer.

**Category I – Recommended seeded zoysiagrass varieties:** Zenith.

**Category II – Promising vegetatively propagated (V) and seeded (S) zoysiagrass varieties:** Cavalier (V), Companion (S) J-14 (S), J-36 (S), J-37 (S), Marquis (V), Sunburst (V), ZEN-400 (S), and ZEN-500 (S).

**Promising for Eastern VA only:** DeAnza (V), El Toro (V), Emerald (V), Jamur (V), Miyako (V), Victoria (V), and Zeon (V).

**Perennial Ryegrass** – (not for use in sod production) Use certified seed.

**Category I – Recommended perennial ryegrass varieties:**

Affirmed, Applaud, Blazer IV<sup>(3)</sup>, Brightstar II, Catalina II, Charismatic, Churchill, Divine, Exacta, Fiesta 3, Gallery, Gator 3, Grand Slam, Inspire, Jet, Mach I<sup>(3)</sup>, Majesty, Manhattan 4, Pentium, Pizzazz, Racer II, and Stellar.

**Category II – Promising perennial ryegrass varieties (limited data/availability of seed):** Barlennium, Brightstar SLT, Citation Fore, and Pinnacle II.

**Fine Fescues** – For use in low maintenance areas or in partial to full shade. Promising varieties have limited performance data or availability as certified seed. Neither blending varieties nor mixing species have been studied extensively in MD or VA. Limited research does not indicate any advantage to blending or mixing varieties from the different fine fescues (e.g.; creeping red fescue, chewings fescue, hard fescue or sheep fescue). Use only certified seed.

**Creeping red fescue – Recommended varieties:** None. **Promising:** Fortitude, Jasper II, Pathfinder, and Wendy Jean.

**Chewings fescue – Recommended:** Longfellow II. **Promising:** 7 Seas, Ambassador, Compass, Culumbra II, Jamestown 5, SR 5130, and Zodiac.

**Hard fescue – Recommended:** Berkshire, Chariot, Defiant<sup>(3)</sup>, Discovery, Nordic, and Osprey. **Promising:** Heron, Oxford, Predator, Reliant IV, and Spartan II.

**Sheep fescue – Recommended or promising:** None at this time.

**Kentucky bluegrass varieties recommended for mixing with fine fescue sod to enhance sod strength (up to 10% of the seed mixture by weight):** Baron and all cultivars from Kentucky bluegrass Categories I, II and III

**Varieties marked with superscript notations denote the following:**

<sup>(1)</sup> to be considered for removal in 2007 due to declining performance relative to other varieties.

- <sup>(2)</sup> to be considered for removal in 2007 due to declining seed quality.
- <sup>(3)</sup> to be considered for removal in 2007 due to the absence of recent testing of certified seed lots in MD and VA.
- <sup>(4)</sup> to be considered for removal in 2007 due to lack of recent testing in MD and VA.