

## 2012-2013 Virginia Turfgrass Variety Recommendations

Mike Goatley, Turfgrass Specialist, Virginia Tech

Whitnee Askew, Research Associate, Virginia Tech

Thomas Hardiman, Virginia Crop Improvement Association and 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. Virginia and Maryland variety recommendations are essentially identical except for specialized grasses and research situations that differ 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 and II. Kentucky bluegrasses listed as "Promising" (Category II 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).** Beyond, Bluenote, Courtyard, Diva, Everglade, Granite, Impact, Juliet, Midnight, NuGlade, Quantum Leap, Raven, Solar Eclipse, Sudden Impact, Touché, and Yankee.

**Category II – Promising Kentucky Bluegrasses (10–35% on a weight basis).** Aries, Durablue, ThermalBlue, ThermalBlue Blaze, and Wildhorse<sup>(1)</sup>. Durablue, ThermalBlue, and ThermalBlue Blaze (commonly called hybrid bluegrasses but classified by USDA as Kentucky bluegrasses) have performed best in the traditionally warmer climates of Virginia, particularly in mixtures with turf-type tall fescues for sod production.

**Tall Fescue – 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, 3<sup>rd</sup> Millennium SRP, AST 9003, Avenger, Barvado, Bingo, Blackwatch, Bullseye, Cochise III, Constitution, Coyote II, Crossfire II<sup>(4)</sup>, Dakota, Davinci, Daytona, Endeavor, Faith, Falcon IV, Falcon V, Fidelity, Firecracker LS, Forte, Grande II, Greenkeeper WAF, Guardian 21, Hounddog 5, Inferno, Justice, Magellan, Masterpiece, Matador GT, Monet, Montana, Mustang 4, Pedigree, Penn 1901, Raptor<sup>(3)</sup>, Raptor II, Rebel IV, Rebel Exeda, Regiment II, Rendition, Rambler SRP, Shenandoah Elite, Sidewinder, Skyline, Spyder LS, Taos, Tarheel II, Titanium LS, Tombstone, TulsaTime, Turbo, Wolfpack, and Wolfpack II.

**Category II – Promising tall fescue varieties (may be 90–100% of the mixture on a weight basis):** Aggressor, AST 7002, AST 7003, AST 9002, Bladerunner 2, Braveheart, Cannavaro, Carona, Catalyst, Cezanne RZ, Cochise IV, Compete, Darlington, Escalade, Essential, Falcon V, Falcon NG, Fat Cat, Finelawn Xpress, Firenze, Garrison, Gazelle II, Gold Medallion, Greenbrooks, Hemi, Hudson, Integrity, Jamboree, Lindbergh, LS 1010, LS 1200, Patagonia, Penn RK4, Rendition Rx, Renovate, Reunion, Rocket, Shenandoah III, Speedway, SR8550, SR8600, SR8650, Stetson II, Sunset Gold, Tahoe II, Talladega, Tanzania, Terrier, Titan Rx, Titan Ultra, Toccoa, Traverse SRP, Trio, Turbo RZ, Umbrella, VanGogh, Venture, and Xtremegreen.

**Kentucky bluegrass varieties recommended for mixing with tall fescue sod to enhance sod strength (up to 10% of the seed mixture by weight):** All cultivars in Categories I and II above. Note recommendation of hybrid bluegrasses as promising varieties for mixtures with turf-type tall fescues in the traditionally warmer climates of Virginia.

**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 Blacksburg and Hampton Roads Research Stations. Varieties with the notation # are only recommended in the warmer regions of Virginia due to concerns regarding their cold tolerance. Note that there are no guarantees regarding winter survival for any recommended or promising variety, and one not noted for cold tolerance might perform well indefinitely in colder regions of the state depending on climate patterns.

**Category I – Recommended vegetatively propagated bermudagrass varieties:** Celebration<sup>#</sup>, Latitude 36, Northbridge, Patriot, Tifton 10, TifSport, Tifway<sup>#</sup>, and Vamont.

**Category II - Recommended seeded bermudagrass varieties:** Blackjack<sup>#</sup>, Princess-77<sup>#</sup>, Riviera, Sovereign, Veracruz<sup>#</sup>, and Yukon. **Promising:** Hollywood

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

**Category I – Recommended vegetatively propagated zoysiagrass varieties:** Meyer and Zorro

**Category II – Recommended seeded zoysiagrass varieties:** Compadre and Zenith

**Category III – Promising vegetatively propagated (V) zoysiagrass varieties:** Cavalier, Jamur, Palisades, and Zeon.

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

**Category I – Recommended perennial ryegrass varieties:** Affirmed<sup>(3)</sup>, Apple GL, ASP6004, Buena Vista, Catalina II<sup>(3)</sup>, Charismatic II GSLR, Divine, Fiesta 4, Homerun, Jet, Line Drive GLS, Palmer V, Paragon GLR, Silver Dollar, Soprano, Stellar GL, and Uno.

**Category II – Promising perennial ryegrass varieties (limited data/availability of seed):** None at this time.

**Fine Fescues** – For general 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, chewings, hard, or sheep fescue). Use only certified seed.

**Creeping red fescue – Recommended varieties:** Wendy Jean. **Promising:** Navigator II.

**Chewings fescue – Recommended:** 7 Seas, Longfellow II, SR 5130. **Promising:** Fairmont, Intrigue 2, Lacrosse, Radar, Treazure II, and Zodiac.

**Hard fescue – Recommended:** Berkshire, Chariot, Firefly, Gotham and Predator. **Promising:** Beacon 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):** All cultivars from Kentucky bluegrass Categories I and II.

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

<sup>(1)</sup> to be considered for removal in 2013 due to declining performance relative to other varieties.

<sup>(2)</sup> to be considered for removal in 2013 due to declining seed quality.

<sup>(3)</sup> to be considered for removal in 2013 due to the absence of recent testing of certified seed lots in MD and VA.

<sup>(4)</sup> to be considered for removal in 2013 due to lack of recent testing in MD and VA.