

Seed Varieties

Tall Fescue

Quest, from Jacklin Seed (a business unit of the J.R. Simplot Company), is a new tall fescue that is ideal for athletic fields. Developed from breeding plots in the Potomac River Valley of Maryland, Quest was selected and bred to take the heat and humidity of the Transition Zone. According to J.R. Simplot, Quest is one of its top performers for brown patch resistance, ranked number one for overall quality, and displayed the darkest color during field trials in New Jersey. Even in northern Idaho, Quest demonstrated excellent performance, and ranked number one for pink snow mold resistance. J.R. Simplot says the qualities of a Quest turf mean more energy can be spent on greening up in the spring, and less on fighting problems like microdochium fungi.

For more information, circle 130.

Perennial Ryegrass

Palmer III, from Lofts Seed, is a turf-type perennial ryegrass ideally suited for lawns, golf courses, athletic fields, race tracks, parks and other applications. In athletic field applications, Palmer III can be used as a monostand, or in combination with Kentucky bluegrass for use on fields that experience moderate to heavy play. Where bermudagrass is the desired sports field surface, turf-type perennial ryegrass is primarily recommended as the warm season overseeding alternative. Lofts Seed says Palmer III provides quick germination and excellent seedling vigor, offers excellent wear tolerance, tolerates compacted soils, can establish and compete against a potential *Poa annua* invasion, features improved heat tolerance and mowability, and is a popular choice for winter overseeding of dormant bermudagrass. Other qualities of Palmer III include an upright growth habit that forms a dense, fine-leaved stand of turfgrass; bunch-type grass, that spreads via tillering; it does not produce thatch and will withstand soil pH of 5.5 to 8.0.

For more information, circle 131.

Rye Blend

Pacific Four Seasons Perennial Rye Blend, from Pacific Coast Seed, can be used to seed new fields, as well as to interseed or overseed sports fields. The seed is made by teaming up Arena (a product of New Zealand breeding programs) with one of the best North American varieties, such as Brightstar II, Manhattan 3 or Paragon. Such combination applies the latest developments in ryegrass breeding to the demands placed on Northern California sports fields today. Arena maintains a higher level of winter activity than other perennial ryes, shows strong spring recovery after winter use, can adapt when stress from California's heat and dry season hit, and has a fine texture and dark green color that match top-scorers in National Turf Evaluation Program trials. Pacific Four Seasons Perennial Rye Blend can stand up to constant use throughout the year, and can be depended upon to contribute excellent summer growth.

For more information, circle 132.

Premium Turf Mixture

Sports Turf, from Pickseed West, was developed for athletic fields and high traffic areas that require deep roots, wear resistance and toughness. The seed is a proven mixture of Pickseed's hardiest varieties, including Quantum Leap Kentucky bluegrass, America Kentucky bluegrass, Jasper Creeping Red fescue and Cutter Perennial ryegrass. The bluegrasses provide rapid development and outstanding aggressiveness to force out weeds; have the ability to heal quickly from traffic and machine damage; and feature a dense growth habit to resist major turf diseases, even under the shortest of mowing conditions. The fescue contributes superior color, texture, spreading, and resistance to *Helminthosporium* leaf spot and melting out; while the ryegrass offers quick germination, winter hardiness, tolerance to summer stress and excellent mowability.

For more information, circle 133.

Bermudagrass Blend

Bermuda Triangle, from Pennington Seed, is a professional quality bermudagrass blend which features certified Mohawk, Sultan and Sydney turf-type bermudagrasses. Bermuda Triangle—a superior turfgrass with good cold tolerance, excellent color and improved root density—is ideal for areas where wear tolerance is important. Other advantages of Bermuda Triangle are a medium fine texture, excellent drought tolerance, increased turf density, good seedling vigor, and a wide range of adaptation due to genetic diversity. Applications for the seed include golf courses (fairways, tees and rough), soccer fields, ballparks, parks, schools, lawns and commercial landscapes.

For more information, circle 134.

Intermediate Ryegrass

TransEze, from Roberts Seed Company, is a transitional ryegrass. This new type of intermediate ryegrass combines the turf quality of perennial ryegrass with the quick transition of annual ryegrass, without reverting to annual. TransEze, the product of a ten-year breeding effort, can be used as an overseeding grass in warm-season areas, and as a short-lived nursegrass in cooler areas. When used for winter overseeding of bermudagrass, TransEze quickly establishes a high-quality turf cover similar to perennial ryegrass. When spring arrives, however, the annual nature of TransEze results in a fast transition to the warm-season turfgrass without the excessive persistence of perennial ryegrass. In Northern areas, TransEze is ideal for use with Kentucky bluegrass, fine fescue or tall fescue, providing a quick, temporary cover which fades away within a year, allowing the perennial grasses to take over.

For more information, circle 135.

Kentucky Bluegrass

Showcase Kentucky bluegrass, according to Seed Research of Oregon, is a great advancement in the development of Kentucky bluegrass for sports field managers, sod growers and golf course superintendents. An elite Kentucky bluegrass with a compact growth habit, Showcase is a strong

performer in the shade, and offers benefits such as early spring green-up, excellent fall color, superior performance at low mowing heights, good drought tolerance, an appealing dark green color, fine leaf texture and high shoot density. Showcase Kentucky bluegrass was bred from a nursery of C-78 Kentucky bluegrass that was originally selected from an old turf nursery in Rhode Island. Well-adapted to a wide range of climatic conditions, the seed provides excellent resistance to turf problems like stripe smut (*Ustilago Striiformis*), necrotic ring spot (*Leptosphaeria korrae*), powdery mildew (*Erysiphe graminis*) and leaf spot (*Dreschlera poae*).

For more information, circle 136.

Turf Overseeder

The Brillion Overseeder, from Brillion Iron Works, delivers precise seed placement, with optimum seed-to-soil contact for vigorous overseeded stands. The unit can provide hearty new stands of overseeded turfgrass into existing seasonal, outdated or less desirable varieties, and bare spots, and is ideal for sports turf managers and golf course superintendents. Brillion Overseeders are available with curved fairway knives for minimal disturbance in existing turf, or with straight knives for a more aggressive dethatching cut. Regardless of model selected, the machine features 3/16-inch, high-carbon, heat-treated knives that are set on two 9/32-inch spacings, and can be adjusted to cut grooves at depths of 0 to 1.5 inches. The Overseeder comes equipped with Brillion's famous seed

metering system, and is three-point hitch mounted with PTO-driven knife cutters. A four-ft model uses a Category I hitch that offsets the Overseeder to the right for close-in work, and a six-ft model is centered behind the tractor using a Category I or Category II hitch. For more information, circle 137.



Soil Preparation

The RotaDairon RD 145 Soil Renovator, with a working width of 60 inches and a till depth of 5.5 inches, is intended for use with compact tractors. The unit is designed to fit all compact tractors on the market that have 30 to 50 HP and a three-point hitch PTO. The RotaDairon RD 145 is ruggedly constructed, and utilizes an oil bath chain drive system and torque limiter device. The RD 145 can replace many labor-intensive tasks for athletic fields and golf courses. The unit's primary function is cultivation of topsoil for seeding and re-seeding, but it also helps cultivate existing turf by turning it under; buries stones, clods and overgrowth; and produces a level surface for seeding or sodding.

For more information, circle 138.



Field Marking

Pioneer Manufacturing's Brite Striper 1500 (BS1500) athletic field marking machine is gasoline-powered and features a heavy-gauge, welded steel frame that ensures trouble-free operation. The BS1500 has a large, seven-gallon, stainless steel tank that reduces the number of delays for refilling. Other features of the BS1500 include large, fully pneumatic 10-inch wheels that provide smooth rolling on rough athletic surfaces; a 12-ft hand hose with wand, to quickly spray large areas; and a fully adjustable spray box, which is offset to eliminate straddling of freshly painted lines. The machine is currently in use at over 4,000 high schools, colleges, universities, and park and recreation departments nationwide.

For more information, circle 139.

Sod and Sprigs

Sealsle1, a new salt-tolerant, warm-season turfgrass will be available for sale this summer as sod or

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sprigs. This new fine-bladed seashore paspalum cultivar was developed by Dr. R.R. Duncan at the University of Georgia's Griffin Experiment Station in response to water quality and water conservation concerns, and has the ability to handle a number of alternative water sources—recycled wastewater, effluent, ocean water, gray and brackish water. Because SeaIsle1 traces its roots to early seashore paspalum cultivars that evolved on sand dunes in coastal environments—where conditions like salt spray, prolonged drought, and inundation by salt water were common—it can handle stresses such as drought, salt, waterlogging, low light, and extremely high- or low-pH soils. SeaIsle1 is similar in texture, high wear tolerance and low shade tolerance to hybrid bermudagrass, but has a richer dark green color. For more information, circle 140.



Marking Stencils

Newstripe Polytough Stencils are ideally suited for the marking and re-marking of athletic fields. These virtually indestructible stencils are constructed of 1/8-inch-thick, high grade plastic material. Newstripe stencils for field and facility marking include NCAA football marking kits, six-ft by three-ft football marking kits, bold block letters for team names, standard emblems and symbols, mascot stencils for fields and press boxes, and custom stencils of logos and names. The company also markets a complete line of

marking equipment and stencils for turf or pavement applications. For more information, circle 141.

Mower

National Mower's 8400 Hydrostatic Triplex Mower is the newest in the company's line of dependable and affordable trim mowers. The machine's low center of gravity and heavy-duty front end enables it to tackle the most difficult hills, slopes, banks and edgings with ease. The 8400 is powered by a 16-HP Briggs & Stratton Vanguard engine, has an 84-inch width of cut that covers 3.5 acres per hour, and features power steering for trimming difficult areas or negotiating tight corners. The new mower's hydrostatic drive provides independent reel and ground speeds, and electric reel clutches turn on and off all three cutting reels simultaneously for added safety. For more information, circle 142.

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