



2017

GEORGIA CERTIFIED TURFGRASS BUYERS GUIDE

The 2017 Turfgrass Buyers Guide is published by the Georgia Crop Improvement Association as a guide to sources of certified turfgrass. The class and variety indicated is based upon the results of field inspections completed in November 2016. For the current status of growers' production and any additional information, contact the GCIA office.

Attention: Most growers have certified and non-certified grass. It is the buyer's responsibility to request "Certified" sprigs/sod and require that the Blue Tag Certificate accompanies each shipment. Certification is **VOID** unless the invoice, statement, or bill of lading has an official GCIA certificate.

When only the best will do, ask for 'Blue Tag' Certified Turfgrass!

Certified Sod Doesn't Cost – It Pays!

Georgia Crop Improvement Association, Inc.

2425 South Milledge Avenue

Athens, Georgia 30605

Phone: 706-542-2351

FAX: 706-542-9397

www.georgiacrop.com

GEORGIA CROP IMPROVEMENT ASSOCIATION
2425 South Milledge Avenue
Athens, Georgia 30605

Dear Consumers:

Let me take this opportunity to acquaint you with the Georgia Crop Improvement Association. We are a non-profit organization, operating as an agent for the University of Georgia. Our turfgrass members produce "blue tag" certified grass. This grass is field inspected at least three times yearly by our trained inspectors. Each inspector is trained to recognize off-type plants, other species, noxious and objectionable weeds, which can create unsightly and costly problems in turf.

The Georgia Crop Improvement Association inspection program ensures that your turfgrass was grown and inspected under a rigorous set of protocols designed to promote on-going varietal purity and uniformity. The Georgia Department of Agriculture's "certificate" should not be confused with the GCIA certified "blue certificate." The Georgia Department of Agriculture issues a Live Plant Certificate for "apparent freedom" from insects, diseases, or other pests.

Many landscape architects specify Georgia certified "blue tag" turfgrass on their projects. Do not be confused by the two types of certification. When ordering grass or writing contracts for bids, specify Georgia Crop Improvement Association "blue tag" certified grass. The blue certificate assures you that the grass provided by your grower was subject to a rigorous set of inspection criteria designed to deliver high quality, true to variety, noxious weed-free turfgrass.

Enclosed is a list of certified turfgrass growers in Georgia. You may contact them directly for quotations.

Sincerely,



Terry Hollifield
Executive Director

The Georgia Crop Improvement Association (GCI) is an organization of farmers and agribusiness owners who are interested in growing and making available to the public, through certification, high quality seeds and propagating materials of superior varieties so grown and distributed as to promote varietal purity and identity. The Georgia Crop Improvement Association was organized in 1946, and made the legal certifying agency by passage of House Bill #104 in 1956. This bill was superseded by Senate Bill #583 in July of 1997. Both bills authorized the Dean of the University of Georgia College of Agriculture and Environmental Sciences to designate the Georgia Crop Improvement Association as the legal certifying agency in Georgia.

Certified seed and turfgrass are produced and increased under a limited generation concept that is supervised by GCI. There are three classes of certified seed and turfgrass; foundation material which is produced from breeder seed or vegetative material, registered material produced from foundation material, and certified material produced from registered material. Each generation increase is field inspected by GCI.

The acreage listed in this guide was grown by members of the Georgia Crop Improvement Association and is based upon the 3rd and final inspection of the year which was completed in the fall of 2016.

Five reasons for planting GEORGIA CERTIFIED TURFGRASS:

1. Inspected for varietal purity and absence of other turf species;
2. No noxious weeds observed in mature sod;
3. Grown under rigorous specifications and field inspected by trained professionals.
4. Is the highest quality sod available for landscapes, athletic fields and golf courses; and
5. Is the nationally recognized standard of excellence in the urban agriculture industry.

Address all correspondence pertaining to certification to:

Georgia Crop Improvement Association, Inc.
Terry Hollifield, Executive Director
2425 South Milledge Avenue
Athens, Georgia 30605
Phone: 706-542-2351
Fax: 706-542-9397
www.georgiacrop.com

Please Note:

The certification process is limited to inspections that verify easily observable phenotypic characteristics of a variety as described by the originator of a variety and when applicable adhere to published quality standards.

TURFGRASS VARIETY PROTECTION


Many turfgrass varieties may not be propagated and are protected by a plant patent, the Plant Variety Protection Act and/or license agreements. Please review the variety descriptions in this directory to determine which varieties are protected.

Contact the GCIA office for specific details that govern propagation.

NOTICE

Below is an example of the certificate issued with each shipment of certified turfgrass. These certificates are numbered and enable GCIA to have oversight of available inventory and tracking of shipments. Most other southern states use a similar certificate. You will note that much of our literature still refers to the "blue tag" and will continue to do so, as this is a term associated with high quality turfgrass. In all instances the term "blue tag" and the certificate are synonymous.

* This certificate serves as proof that said turfgrass is GCIA certified; without such a certificate, the buyer has NO such proof of certification.

| | |
|---|--|
| <div style="border: 1px solid black; padding: 5px;"> <p style="text-align: center; margin: 0;">GEORGIA CERTIFIED TURFGRASS</p> <div style="display: flex; justify-content: space-between; align-items: center;">  <div style="font-size: 0.8em;"> <p>Certification Warranty Disclaimer</p> <p>The grass this certificate represents was produced in accordance with the published standards of the Georgia Crop Improvement Association, Inc. (GCIA). The GCIA makes no warranty of any kind, expressed or implied, including merchantability, or fitness for purpose. The grower whose name appears on this certificate is solely responsible for the information thereon and for the proper use of this certificate.</p> </div> </div> </div> | <div style="border: 2px solid black; padding: 10px; text-align: center;"> <h2 style="margin: 0;">GCIA CERTIFIED TURFGRASS</h2> </div> <div style="text-align: center; margin-top: 10px;"> <p>Georgia Crop Improvement Association, Inc. 2425 South Milledge Avenue Athens, GA 30605-1639 Phone 706-542-2351 Fax 706-542-9397</p> </div> <div style="text-align: right; margin-top: 10px;"> <p>Certificate Number: 000000</p> </div> <p style="margin-top: 10px;">This grass was grown in accordance with a program designed to promote purity by adherence to published standards.¹</p> <p>This certificate must be completed and attached to each bill of lading or invoice representing certified sprigs or sod produced in accordance with the Georgia Crop Improvement Association rules and regulations for production of vegetatively propagated certified turfgrass.</p> <p>I certify the information provided is true and meets the Georgia Crop Improvement Association requirements for vegetatively / seeded propagated turfgrass certification.</p> <p style="text-align: right;">Authorized Representative of Grower: _____</p> <p>Copies:</p> <ul style="list-style-type: none"> Original to Buyer (with each delivery) Pink to GCIA Office (at delivery) Yellow retained by Grower <p>¹ The GCIA Turfgrass Certification Standards are available upon request.</p> |
| <p>Kind: _____</p> <p>Variety / Brand: _____</p> <p>Quantity:</p> <p style="padding-left: 20px;">Sprigs: _____</p> <p style="padding-left: 20px;">Sod: _____</p> <p>Billing Invoice: _____</p> <p>Field #: _____</p> <p>Harvest Date: _____</p> <p>Grower Name & Address:</p> | <div style="border: 1px solid black; padding: 5px; text-align: center; font-size: 0.8em;"> <p>MEMBER OF ASSOCIATION OF OFFICIAL SEED CERTIFYING AGENCIES</p> </div> |

SELECTING THE CORRECT GRASS VARIETY

Currently there are several varieties of turfgrasses offered to consumers. Each variety has unique characteristics that allow the variety to perform better under certain conditions. Some varieties have better shade tolerance, cold tolerance, salt tolerance, insect resistance, better wear ability, mowing height tolerance, etc. Variety contamination by common and other turf type grasses, weeds and other crops compromise a variety's unique qualities. Selecting the proper variety for your management and location may be the most important decision you make relating to the success of a project.

COOL SEASON GRASSES

Cool season grasses grow best between 60° and 75° F and are susceptible to stress and/or injury during the summer due to high temperature and humidity. However, cool season grasses such as fescue, are green year-round, an attribute favored by many consumers.

Tall Fescue

Tall fescue is a cool-season species with a medium leaf texture and a dark green color. Because tall fescue is a cool-season species, it looks its best in fall, winter and spring. Tall fescue grows rapidly and requires frequent mowing in the spring and fall. Fescue lawns tend to not persist and need to be replanted frequently. Tall Fescue is primarily used for home lawns and commercial properties in north Georgia. Most of the newer varieties available are "turf-type" cultivars with darker green color, finer leaf texture and improved drought tolerance.

Ryegrass

Ryegrass is a cool-season species which is typically used as a temporary winter cover for erodible sites or to overseed existing bermudagrass lawns and athletic fields.

WARM SEASON GRASSES

Warm season grasses grow best during the summer months. However, they become dormant in the winter (i.e. the turf ceases growing and turns a tan or light brown in color). Warm season grasses are used for home lawns, athletic fields, golf courses, etc.

Bermudagrass

All Bermudagrasses perform well in hot weather, are dormant during winter months, and generally do not perform well in shade. **Bermudagrass** is made up of short, 1/8 inch-wide blades with rough sides and pointy tips. It can also be identified by the presence of both above ground runners, called stolons, and underground runners, called rhizomes. It is hardy across Georgia. Common species require frequent mowing, but the hybrids are developed for less

frequent mowing. Bermudagrass is very hardy surviving a wide range of temperatures, soil types and fertility. The most frequently used Bermudagrass varieties are listed in this publication with a brief description.

Centipedegrass

Centipedegrass has a wider blade than bermudagrass, but is still less than 1/4 inch wide, and a strong center vein. The blade appears to fold along the center vein. Centipedegrass is typically lighter green in color than the other warm season grasses. Centipedegrass is a slow growing, but aggressive grass that produces a desirable weed free lawn. It is suited for much of Georgia but used extensively from Macon southward. The cultivar TifBlair is adapted for all of Georgia, as it is cold hardy for the area from Atlanta to the northern part of the state. Centipedegrass is more shade tolerant than Bermudagrass and spreads by stolons, above ground runners.

Zoysiagrass

Zoysiagrass has short, sharp blades that form a medium to fine textured lawn. It spreads by both rhizomes and stolons and needs minimal fertility. Zoysiagrass is adapted for the entire state and used on golf courses and home lawns. Depending on the variety, leaf width may be as wide as a forage fescue or as narrow as ryegrass. Many zoysiagrass varieties can tolerate partial shade, as well as full sun. Zoysiagrass is typically a very dense turf and is best mowed close – not more than 1.5 inches.

St. Augustinegrass

The leaves of **St. Augustinegrass** are also folded along a strong center vein, but they have a broader blade of at least 1/4 inch, with a boat-shaped tip. St. Augustinegrass has aggressive stolons and no rhizomes. It is a dense, blue-green turf best suited to the southern part of the state although it will survive as far north as Atlanta. Used primarily in residential landscapes, St. Augustinegrass is the most shade tolerant of the warm season grasses.

Seashore Paspalum

Seashore paspalum is a specialty grass primarily intended for use on sites that have poor water quality, especially where the irrigation water is high in salt content. Seashore paspalum provides a good dense turf ideal for golf courses, home lawns, and athletic fields. Herbicides available for grass and weed control are limited.

NEED TURFGRASS INFORMATION?

For the latest agricultural and horticultural information, you are encouraged to contact your local University of Georgia Cooperative Extension Agent. They are knowledgeable in selecting, establishing and maintaining turfgrass lawns and athletic fields. You can reach your local County Extension Agent in Georgia by calling **1-800-ASK-UGA1** or visit UGA Cooperative Extension online at www.extension.uga.edu.



In addition, the UGA Turfgrass Team offers information and publications on a variety of turf subjects – including variety selection, pest management, cultural practices, and irrigation. Visit their website at www.georgiaturf.com.

Landscape and turf professionals are also encouraged to take advantage of the outstanding trade associations operating here in Georgia and across the country. Several such organizations are listed below.



Georgia Urban Ag Council
www.urbanagcouncil.com



Georgia Golf Course Superintendents Assoc.
www.ggcsa.com



Georgia Green Industry Association
www.ggia.org



Experts on the Field, Partners in the Game.

Sports Turf Managers Association
www.stma.org



Turfgrass Producers International
www.turfgrassod.org



Professional Landscape Network
www.landcarenetwork.org

Certified Turfgrass Varieties Available in Georgia

(F - Foundation, R - Registered, C – Certified)

Bermudagrass

Celebration (Patented)

(Interagency Certified with Southern Seed Certification Association)

Celebration bermudagrass exhibits prostrate growth, extensive leaf production, short internode length, minimal seed head production, and deep green coloration. It performs best in full sun, but also grows well in shade. Promoted for improved wear tolerance and recovery, and drought tolerance, Celebration is suited for home lawns, commercial landscapes and athletic fields. The variety is patented and unauthorized propagation is not permitted. The variety may only be sold by licensed producers and is owned by Sod Solutions, Inc.

**Source: United States Plant Patent; Patent # US PP11,181; date of patent: Jan. 18, 2000.*

| <u>Name</u> | <u>Acres</u> | <u>Class</u> |
|-----------------------|--------------|--------------|
| Buy Sod, Inc. | 19.28 | C |
| Buy Sod, Inc. | 1.04 | R |
| Pike Creek Turf, Inc. | 124.00 | C |
| Pike Creek Turf, Inc. | 20.00 | R |

Latitude 36 (Patented)

(Interagency Certified with Southern Seed Certification Association)

Latitude 36 bermudagrass exhibits prostrate growth, fine leaf texture, short internode length, minimal seed head production, and dark green color. It performs best in full sun, but also grows well in shade. Promoted for cold hardiness, improved wear tolerance, and early green up, Celebration is suited for athletic fields, golf courses and home lawns. The variety is patented and unauthorized propagation is not permitted. The variety may only be sold by licensed producers and is only available as certified grass. Latitude 36 is owned by Sod Solutions, Inc.

**Source: United States Plant Patent; Patent # US PP24271 P3; date of patent: October 31, 2011.*

| <u>Name</u> | <u>Acres</u> | <u>Class</u> |
|----------------------|--------------|--------------|
| Precision Farms, LLC | 8.47 | C |
| Precision Farms, LLC | 0.72 | R |
| Superior Turf | 4.62 | C |
| Superior Turf | 0.81 | R |

**Mini Verde
(Patented)**

Mini Verde is a dwarf Bermuda grass used on golf course putting greens. Mini Verde is known for extremely fine leaves, improved density, rapid growth rate, and uniform green color. The variety is patented and unauthorized propagation is not permitted. The variety may only be sold by licensed producers and is available only as a certified grass. Mini Verde is owned by RNB, LLC.

**Source: United States Plant Patent; Patent # US PP12,084 P2; date of patent: Sep. 11, 2001.*

| <u>Name</u> | <u>Acres</u> | <u>Class</u> |
|-----------------------|--------------|--------------|
| Pike Creek Turf, Inc. | 16.00 | C |
| Pike Creek Turf, Inc. | 0.50 | R |

**Patriot
(Patented)**

Patriot is an improved clonal turf bermudagrass cultivar suitable for many applications including golf course fairways and tee, athletic fields, home and commercial landscape sites and parks and playgrounds. It is a tetraploid, interspecific F1 hybrid from a cross of *Cynodon dactylon* by *C. transvaalensis* characterized by dark blue-green color, vigorous growth, good winter hardiness and good turf quality.

**Source: United States Plant Patent; Patent # US PP16,801 P2; date of patent: Jul. 11, 2006.*

| <u>Name</u> | <u>Acres</u> | <u>Class</u> |
|--------------------------|--------------|--------------|
| North Georgia Turf, Inc. | 12.64 | C |

TifDwarf

TifDwarf bermudagrass is a sterile triploid hybrid that arose as a naturally occurring mutant in Tifgreen. Tifdwarf has dark green color and requires relatively little fertilizer to maintain its color. Tifdwarf will tolerate close mowing (as low as 3/16 inch) and makes for a fast putting green. Its softer leaves and fewer seed heads also contribute to its superior putting qualities.

** Source: UGA CAES publication, Tifdwarf – A New Bermudagrass for Golf Greens; 1965.*

| <u>Name</u> | <u>Acres</u> | <u>Class</u> |
|--------------------------------|--------------|--------------|
| Georgia Seed Development Comm. | 0.20 | F |
| Pike Creek Turf, Inc. | 14.90 | C |
| Pike Creek Turf, Inc. | 1.70 | R |
| Vanceville Turf Farms, Inc. | 3.76 | R |

**TifEagle
(Patented)**

TifEagle is a dense fine textured, triploid bermudagrass which is used on golf greens and other areas requiring mowing heights of 6mm or less. The grass produces more shoots per unit area that are shorter with narrower and shorter leaves than TifDwarf, the previous cultivar of choice for high quality putting greens mowed at 6mm or less on golf courses where bermudagrass is

preferred. TifEagle consistently produced better quality turf and color than Tifdwarf at mowing heights less than 6mm. It shows more resistance than TifDwarf to the tawny mole cricket after one year of establishment. TifEagle is patented and licensed by Georgia Seed Development Commission / UGA Research Foundation and may be sold only by licensed growers as certified grass.

**Source: United States Plant Patent; Patent # US PP11,163; date of patent: Dec. 21,1999.*

| <u>Name</u> | <u>Acres</u> | <u>Class</u> |
|--------------------------------|--------------|--------------|
| Georgia Seed Development Comm. | 1.23 | F |
| Pike Creek Turf, Inc. | 48.00 | C |
| Tifton Turf | 1.90 | C |

**TifGrand
(Patented)**

The variety is a fine-leaf warm season bermudagrass with significantly more shade tolerance than Tifway and TifSport. Turf quality and plant color is as good as or better than Tifway and TifSport and mole cricket resistance is significantly better than Tifway or TifSport. TifGrand has similar resistance to the two-lined spittle bug and armyworm as Tifway, TifDwarf and TifSport, but less resistance to the bermudagrass mite. The variety can produce more seed heads than other fine leaf warm season grasses but seed head production can be reduced by treating with a plant growth regulator. The variety is patented and unauthorized propagation is not permitted. TifGrand is licensed by Georgia Seed Development Commission / New Concept Turf and may be sold only by licensed growers as certified grass.

**Source: United States Plant Patent; Patent # US PP21,017; date of patent: May 25, 2010.*

| <u>Name</u> | <u>Acres</u> | <u>Class</u> |
|--------------------------------|--------------|--------------|
| Georgia Seed Development Comm. | 11.74 | F |
| North Georgia Turf, Inc. | 229.88 | C |
| North Georgia Turf, Inc. | 10.32 | R |
| Paradise Turf Farm | 1.50 | R |
| Super-Sod Atlanta | 35.96 | C |
| Super-Sod Atlanta | 3.34 | R |
| Super-Sod Fort Valley | 174.59 | C |
| Super-Sod Lakeland | 43.21 | C |
| Pike Creek Turf, Inc. | 127.30 | C |
| Pike Creek Turf, Inc. | 22.50 | R |
| The Turfgrass Group, Inc. | 5.14 | R |

**Tift 94
(trademark name: TifSport)**

Tift 94 is a vigorous triploid hybrid which has use on golf course fairways and tees, athletic fields, lawns, commercial landscape sites, and other turf areas where a fine-textured, low growing turf is desired. The grass produces less upright growth and has shorter and narrower leaves, and shorter internodes than Midiron from which it was developed and Tifway, two

commercially available cultivars. Tift 94 has superior cold hardiness when compared to other available fine leaf turfgrasses. The name “TifSport” is protected by registered trademarked, and the trademark is held by the UGA Research Foundation. Tift 94 may only be sold as “TifSport” by those growers holding a license agreement with the UGA Research Foundation.

| <u>Name</u> | <u>Acres</u> | <u>Class</u> |
|--------------------------------|--------------|--------------|
| Georgia Seed Development Comm. | 0.15 | F |
| Pike Creek Turf, Inc. | 30.00 | C |
| Super-Sod Atlanta | 20.28 | C |
| Diamond Turf, LLC | 10.00 | C |

Tifton 10

Tifton 10 originated as a vegetative introduction collected by G.W. Burton in 1974 from a lawn in Shanghai, China. It is vegetatively propagated, sheds pollen but produces few seeds. Foliage is coarse textured with a natural dark bluish-green color. It rapidly establishes from stolons which limits weed invasion. Tifton 10 is suited for roughs, commercial areas and lawns.

| <u>Name</u> | <u>Acres</u> | <u>Class</u> |
|-------------------|--------------|--------------|
| Super-Sod Atlanta | 12.21 | R |

TifTuf (Plant Patent Application Pending)

This warm season bermudagrass has a faster growth rate than Tifway, TifSport, TifGrand, and Latitude 36 when planted as plugs, but may cover more slowly than Celebration depending on environment. Genetic color observed for TifTuf is a lighter green than Tifway, TifGrand, and Celebration. Promoted for early green up, improved drought tolerance, and superior traffic tolerance, TifTuf is suited for athletic fields, golf courses and landscapes. The variety is patent-pending and unauthorized propagation is not permitted. TifTuf is licensed by Georgia Seed Development Commission / New Concept Turf and may be sold only by licensed growers as certified grass.

| <u>Name</u> | <u>Acres</u> | <u>Class</u> |
|--------------------------------|--------------|--------------|
| Georgia Seed Development Comm. | 11.77 | F |
| Buy Sod, Inc. | 188.00 | C |
| Buy Sod, Inc. | 11.14 | R |
| North Georgia Turf, Inc. | 163.40 | C |
| North Georgia Turf, Inc. | 6.81 | R |
| Paradise Turf Farm | 1.50 | R |
| Super- Sod Fort Valley | 294.50 | C |
| Super-Sod Fort Valley | 20.47 | R |
| Super-Sod Sod Atlanta | 54.00 | C |
| Superior Turf | 6.87 | C |
| Super-Sod Sod Atlanta | 1.00 | R |

Tifway

Tifway (419) is a chance hybrid between *Cynodon transvaalensis* and *C. dactylon*. Tifway was released to growers of certified sprigs by the GA Coastal Plain Experiment Station in the spring of 1960. Tifway bermudagrass is a highly disease-resistant selection with a very dark green color. As a consequence, it maintains a desirable green color longer and with less nitrogen than most other selections. Its fine, stiff leaves make it an excellent choice for tees and fairways where greater stiffness gives the ball a better lie. Since Tifway does not produce seed, it must be propagated by planting sprigs. Tifway is well-adapted throughout the southern United States and will do well anywhere common bermudagrass will grow.

| <u>Name</u> | <u>Acres</u> | <u>Class</u> |
|--------------------------------|--------------|--------------|
| Georgia Seed Development Comm. | 2.67 | F |
| Bostwick Sod | 99.03 | C |
| Buy Sod, Inc. | 94.95 | C |
| C & F Turf Farm, Inc. | 31.91 | C |
| Evergreen Turf Farms, Inc. | 135.35 | C |
| Golden Turf, LLC | 32.81 | C |
| Golden Turf, LLC | 11.59 | R |
| Hunt's Turf Farm | 144.04 | C |
| John Bowen Turf Company, LLC | 119.25 | C |
| North Georgia Turf, Inc. | 370.53 | C |
| North Georgia Turf, Inc. | 6.18 | R |
| Paradise Turf Farm | 76.82 | C |
| Paradise Turf Farm | 1.50 | R |
| Pike Creek Turf, Inc. | 268.00 | C |
| Pike Creek Turf, Inc. | 10.00 | R |
| Precision Farms, LLC | 114.16 | C |
| Precision Farms, LLC | 1.99 | R |
| Red Oak Turf, Inc. | 87.33 | C |
| Royal Turf Farms, LLC | 17.37 | C |
| Salacoa Turf Farms, LLC | 33.05 | C |
| Southeastern Sod, Inc. | 38.11 | C |
| Sunbelt Turf Farms, LLC | 96.00 | C |
| Super-Sod Fort Valley | 45.00 | C |
| Super-Sod Atlanta | 111.04 | C |
| Super-Sod Atlanta | 2.67 | R |
| Superior Turf | 52.37 | C |
| Vanceville Turf Farms, Inc. | 69.31 | C |
| Wright Turf Farms, Inc. | 384.95 | C |

Centipedegrass

TifBlair

TifBlair is an improved, cold hardy, centipede lawn grass. TifBlair has similar color, leaf texture and growth as common centipede, but has much improved cold hardiness. TifBlair has survived -10° F with little stand loss. The variety has the ability to grow dense turf at pH 4.2 where common centipede produces little growth and poor density. TifBlair offers homeowners and landscapers a superior centipedegrass cultivar with a known pedigree and known performance. TifBlair is licensed by The Turfgrass Group and may only be sold by licensed growers as certified grass. **Unauthorized Propagation Prohibited U.S. Protected Variety. – PVPA 94**

**Source: USDA ARS National Genetic Resources; PVP #: 9600255; date PVP issued June, 14, 2001.*

| <u>Name</u> | <u>Acres</u> | <u>Class</u> |
|--------------------------------|--------------|--------------|
| Georgia Seed Development Comm. | 0.63 | F |
| Buy Sod, Inc. | 71.88 | C |
| North Georgia Turf, Inc. | 31.83 | C |
| Paradise Turf Farm | 51.46 | C |
| Super-Sod / Sod Atlanta | 0.63 | C |
| Super-Sod Fort Valley | 658.27 | C |
| Super-Sod Fort Valley | 15.49 | R |
| Super-Sod Lakeland | 824.18 | C |
| Super-Sod Lakeland | 30.86 | R |
| The Turfgrass Group, Inc. | 4.59 | R |

Seashore Paspalum

Platinum TE (Patented)

Platinum TE is a paspalum that is established from sprigs and tolerates a wide range (0.070 to 1.500 inches or 1.75 to 37.5mm) of mowing heights with excellent turfgrass canopy density and quality traits for use on all areas of golf courses or sports fields when exposed to tropical and sub-tropical environmental conditions. The variety is patented and unauthorized propagation is not permitted. Platinum TE is licensed by Turf Ecosystems and may only be sold by licensed growers as certified grass.

**Source: United States Plant Patent; Patent # US PP19,224; date of patent: October 18, 2006.*

| <u>Name</u> | <u>Acres</u> | <u>Class</u> |
|-----------------------|--------------|--------------|
| Pike Creek Turf, Inc. | 212.00 | C |
| Pike Creek Turf, Inc. | 27.00 | R |
| Platinum TE | 17.00 | F |

**SeaDwarf (SDX-1)
(Patented)**

SeaDwarf is a novel seashore paspalum (*Paspalum vaginatum*) cultivar characterized by having a fine texture, greater sod strength, increased rooting, improved color, improved density, and greater salinity tolerance. The cultivar is particularly well suited for golf courses, grass tennis lawns, lawn bowls, lawns and athletic fields. SeaDwarf is a patented variety and may only be produced under contract with Environmental Turf, Inc.

**Source: United States Plant Patent; Patent # US PP13,294; date of patent: December 3, 2002.*

| <u>Name</u> | <u>Acres</u> | <u>Class</u> |
|-----------------------|--------------|--------------|
| Pike Creek Turf, Inc. | 24.00 | C |
| Pike Creek Turf, Inc. | 4.70 | R |

**Sealsle I
(Patented)**

Sealsle I is a vegetatively reproduced seashore paspalum cultivar, developed from a segregating seed collection of unknown parentage. It is distinguished by high tolerance to salinity, dark green color, fine textured leaves, and high turf quality and density. These characteristics make it particularly suitable as a turfgrass for lawns and golf courses. Sealsle I is patented and only available as certified grass. It is licensed by the Georgia Seed Development Commission / UGA Research Foundation.

**Source: United States Plant Patent; Patent # US PP12,665; date of patent: May 28, 2002.*

| <u>Name</u> | <u>Acres</u> | <u>Class</u> |
|--------------------------------|--------------|--------------|
| Georgia Seed Development Comm. | 1.90 | F |
| Pike Creek Turf, Inc. | 37.50 | C |

**Sealsle Supreme (SI 98)
(Patented)**

Sealsle Supreme is a new and distinct vegetatively reproduced cultivar of seashore paspalum which is characterized by its semi-dwarf, low growing and rapidly spreading growth habit, its superior salt tolerance and its ability to maintain high turf density and quality at a range of mowing heights. These characteristics make it desirable for wall to wall use on golf courses, athletic fields, and other recreational venues where water quality is a consideration. Sealsle Supreme is patented and only available as certified grass. It is licensed by the Georgia Seed Development Commission / UGA Research Foundation.

**Source: United States Plant Patent; Patent # US PP18,869 P3; date of patent: June 3, 2008.*

| <u>Name</u> | <u>Acres</u> | <u>Class</u> |
|--------------------------------|--------------|--------------|
| Georgia Seed Development Comm. | 0.10 | F |

**SeaStar (UGA 31)
(Patented)**

SeaStar is a vegetatively reproduced Paspalum with better dollar spot resistance than Sealsle Supreme. The variety has a medium to fine leaf texture, good density and produces very high quality turf over a range of mowing heights, often producing better turf quality than Sealsle 1, Sealsle 2000 or Sealsle Supreme. SeaStar has excellent color and retains color well after light frosts or periods of low temperature. Fall color ratings are similar to Aloha and better than other released cultivars. Salt tolerance of SeaStar is similar to that of Sealsle 1, Sealsle 2000 and Sealsle Supreme. SeaStar is patented and only available as certified grass. It is licensed by the Georgia Seed Development Commission / UGA Research Foundation.

**Condensed from the "Application for Release" provided to the University of Georgia College of Agricultural and Environmental Sciences Variety Release Committee, January 2011.*

| <u>Name</u> | <u>Acres</u> | <u>Class</u> |
|--------------------------------|--------------|--------------|
| Georgia Seed Development Comm. | 0.10 | F |
| Buy Sod, Inc. | 7.39 | C |

Zoysiagrass

El Toro

"El Toro" is a Zoysia Japonica, resembling "Meyer" in appearance but has a coarser leaf texture. California data indicates that "El Toro" has a much faster rate of establishment than "Meyer" and displays earlier spring greenup. It has low thatch production and shade tolerance. Only licensed growers may propagate this variety.

| <u>Name</u> | <u>Acres</u> | <u>Class</u> |
|--------------------------|--------------|--------------|
| North Georgia Turf, Inc. | 1.10 | R |

Emerald

Emerald Zoysiagrass is a hybrid between Japanese lawn grass and Mascarene grass. Much finer leaves than other Zoysiagrasses, it is a very cold-hardy, warm-season turfgrass that stays green longer into the fall than other varieties. Emerald does require a somewhat higher level of maintenance than do other zoysiagrass varieties, but when properly cared for makes an attractive turf for full sun and moderate shade areas. The turf is also resistant to wear by foot traffic.

| <u>Name</u> | <u>Acres</u> | <u>Class</u> |
|-----------------------|--------------|--------------|
| Super-Sod Fort Valley | 68.94 | C |
| Super-Sod Lakeland | 93.17 | C |
| Super-Sod Lakeland | 1.57 | R |

**Empire
(Patented)**

Empire Zoysiagrass is a Zoysia Japonica, found in Brazil and developed by Sod Solutions, Inc. It has broader leaves and is more aggressive than Meyer or El Toro. Empire has dark green color, good wear tolerance and drought tolerance. It is suited for use in commercial properties, residential landscapes, and parks. Empire is a patented variety and may only be produced under license agreement with Sod Solutions, Inc.

**Source: United States Plant Patent; Patent # US PP11,495; date of patent: August 29, 2000.*

| <u>Name</u> | <u>Acres</u> | <u>Class</u> |
|-----------------------|--------------|--------------|
| Golden Turf, LLC | 3.82 | R |
| Pike Creek Turf, Inc. | 10.00 | R |

**JaMur
(Patented)**

JaMur was selected from a collection of varieties from Dr. Jack Murray, USDA Research Scientist, and developed & patented by Bladerunner Farms, Texas. The variety is a perennial having a superior rate of spreading with texture improved over common zoysiagrass. It is reported to have a slightly darker green color, produce less thatch, and improved wear tolerance. The variety is patented and unauthorized propagation is not permitted. Jamur is licensed by The Turfgrass Group and may be sold only by licensed growers as certified grass.

**Source: United States Plant Patent; Patent # US PP13,178 P2; date of patent: November 5, 2002.*

| <u>Name</u> | <u>Acres</u> | <u>Class</u> |
|---------------------------|--------------|--------------|
| Foskey Turf Farm, Inc. | 22.00 | C |
| North Georgia Turf, Inc. | 14.69 | C |
| North Georgia Turf, Inc. | 10.55 | R |
| Paradise Turf Farm | 16.30 | C |
| Paradise Turf Farm | 1.38 | R |
| Sumter Sod, LLC | 66.27 | C |
| Sumter Sod, LLC | 0.97 | R |
| The Sod Source, Inc. | 18.00 | C |
| The Turfgrass Group, Inc. | 4.54 | F |

**L1F
(Patented)**

L1F is a *zoysia matrella* cultivar with medium leaf texture, soft leaves, white stigmas and anthers and small seedheads at or near canopy height. Non-mowed canopy height is shorter than Zorro and Zeon. The cultivar lacks the winter hardiness of Zorro and Meyer. Drought tolerance, soil texture and pH requirements are similar to Zeon and Zorro. Under ideal management, L1F has a lateral spreading rate similar to Meyer and slower than Zorro and Zenith. L1F is recommended for golf course tees & fairways, moderate to high maintenance

landscape areas and other areas where very high quality turf is desired. The variety is patented and unauthorized propagation is not permitted. L1F is owned by Blade Runner Farms and must be sold as certified grass per license agreement.

**Source: United States Plant Patent; Patent # USPP25203 P3; date of patent: December 30, 2014.*

| <u>Name</u> | <u>Acres</u> | <u>Class</u> |
|---------------------------|--------------|--------------|
| Pike Creek Turf, Inc. | 13.00 | C |
| The Turfgrass Group, Inc. | 0.94 | F |

Meyer

Meyer, also known as “Z-52”, is intermediate in type and leaf width between more open-growing, coarse types of common Zoysiagrass and the very dense, fine leaf Emerald. When established, the turf is quite dense and has dark green color during the growing season. Meyer has been rated as resistant to both diseases and insects. Meyer withstands wear and resists weed invasion under good management practices. It has good cold tolerance, is comparatively drought-resistant, and spreads rapidly. Meyer must be propagated vegetatively.

| <u>Name</u> | <u>Acres</u> | <u>Class</u> |
|----------------------------|--------------|--------------|
| Evergreen Turf Farms, Inc. | 24.77 | C |
| Evergreen Turf Farms, Inc. | 9.45 | R |

Palisades (Patented)

Palisades is a vegetatively produced, medium to broad textured, high density turf suitable for home lawns, golf fairways and roughs. Noted for its shade tolerance and low water use, it tolerates mowing as close as ½ inch or as high as 2" to 2-1/2" for home lawns. The variety is patented and unauthorized propagation is not permitted. Palisades is licensed by New Life Turf and may be sold only by licensed growers as certified grass.

**Source: United States Plant Patent; Patent # US PP11,515; date of patent: September 19, 2000.*

| <u>Name</u> | <u>Acres</u> | <u>Class</u> |
|-------------------------|--------------|--------------|
| Gibson Turf Farms, LLC | 32.92 | C |
| Wright Turf Farms, Inc. | 17.56 | C |

Zeon (Patented)

Zeon was selected and developed by Bladerunner Farms, Inc., Texas. Zeon has high stolon frequency, good color, vertical posture, short stolon blade length, good perimeter stolon length, and short internode length. The blade length is about 6 cm long, having a width of about 4 mm. Mature plant height is from 6 to 12 cm. It is a vegetatively produced Zoysiagrass marketed as an alternative to Emerald with less thatch produced. Zeon is adapted to sun and partial shade and is disease and insect resistant. It is adapted to all of Georgia. The variety is

patented and unauthorized propagation is not permitted. Zeon is licensed by The Turfgrass Group and may be sold only by licensed growers as certified grass.

**Source: United States Plant Patent; Patent # US PP13,166; date of patent: November 5, 2002.*

| <u>Name</u> | <u>Acres</u> | <u>Class</u> |
|---------------------------|--------------|--------------|
| Buy Sod, Inc. | 159.34 | C |
| Foskey Turf Farm, Inc. | 27.09 | C |
| North Georgia Turf, Inc. | 589.60 | C |
| North Georgia Turf, Inc. | 14.00 | R |
| Paradise Turf Farm | 22.80 | C |
| Paradise Turf Farm | 1.50 | R |
| Super-Sod Atlanta | 142.41 | C |
| Super-Sod Atlanta | 11.94 | R |
| Super-Sod Fort Valley | 94.75 | C |
| Sumter Sod, LLC | 62.18 | C |
| Sumter Sod, LLC | 1.28 | R |
| The Sod Source, Inc. | 10.56 | C |
| The Sod Source, Inc. | 1.15 | R |
| The Turfgrass Group, Inc. | 32.67 | F |
| Tifton Turf Farms, Inc. | 29.63 | C |

**Zorro
(Patented)**

Zorro is a Zoysia Matrella (L.) Merr that is vegetatively propagated. Zorro is distinguished from other zoysiagrasses by its fine texture, high rhizome and tiller density, moderate drought tolerance, shade tolerance and rapid re-growth, and recovery from damage. Zorro tolerates close and frequent mowing suggesting a potential commercial value for sports fields, tee boxes and fairways on golf courses, and residential lawns under either full sun or moderate shade in the southern U.S. The variety is patented and unauthorized propagation is not permitted. Zorro is licensed by Turfgrass America and may be sold only by licensed growers as certified grass.

**Source: United States Plant Patent; Patent # US PP14,130 P2; date of patent: September 2, 2003.*

| <u>Name</u> | <u>Acres</u> | <u>Class</u> |
|-----------------------|--------------|--------------|
| Pike Creek Turf, Inc. | 89.00 | C |
| Pike Creek Turf, Inc. | 5.00 | R |

TOTAL CERTIFIED ACRES

7,984.16

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