

CLEMSON[®]

**SOUTH CAROLINA
SEED CERTIFICATION**



Turfgrass
Directory
2020-2021

Member



Association of Official
Seed Certifying Agencies

Clemson University's Regulatory & Public Service Program
"Regulation Through Education"

<http://www.clemson.edu/public/regulatory/plant-industry/>

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http://www.clemson.edu/public/regulatory/plantindustry/fertilizer_seed/turfgrass_certification.html

Turfgrass Certification in South Carolina

The Southeast has experienced increased demand for high quality turfgrass in recent years, primarily due to the expansion of the golf course industry and the desire for rapid establishment of uniform turf for athletic fields and landscapes. In an effort to assure the quality of turfgrass obtained, contract specifications commonly include the requirement for **Certified** sod or sprigs. Clemson University's Department of Plant Industry (DPI) has the responsibility to provide Certification services for turfgrass produced in South Carolina.

However, there is some confusion about just what Certified turf is. Much of this confusion relates to the fact that Clemson University conducts two different inspection programs for turfgrass in South Carolina that use the term, "certification." One is Nursery Certification and the other is Seed Certification which are both administered by the Department of Plant Industry (DPI).

Nursery Certification involves inspections to assure freedom from injurious plant pests and diseases (example: fire ants) and is a regulatory requirement for businesses selling plant materials. A Nursery Certificate Tag must accompany all shipments of sod or sprigs except for local retail sales to end users. This program is not concerned with the varietal identity or purity of the grass and the Nursery Certificate Tag may **not** be used as evidence of certification to satisfy contract specifications for Certified turf.

Seed Certification is a program of voluntary participation whose purpose is to promote the varietal identity and purity of the turf and freedom from most noxious or objectionable weeds. **Certified** sod and sprigs are produced in accordance with South Carolina's Vegetatively Propagated Turfgrass Standards and have been frequently inspected by DPI staff to ensure compliance with the standards. A **South Carolina Certified Grass** certificate showing such information as variety name, field identification and quantity of grass must be signed by the producer and accompany each shipment of Certified grass. This certificate is what differentiates Certified turf in the marketplace!!

It should be noted that it is unlawful in South Carolina to represent reproductive material as Certified unless it has been inspected, approved and labeled in accordance with the SC Seed Certification Standards. The use of Nursery Certificate Tags to imply Certification is a violation of SC law, as is shipment without the South Carolina Certified Grass certificate.

The DPI staff stands ready to assist producers and consumers with any complaints regarding SC Certified grass that is properly labeled. If there are any questions about Clemson's Turfgrass Certification program, please contact us at (864) 646-2140 or visit our website at http://www.clemson.edu/public/regulatory/plant_industry/fertilizer_seed/turfgrass_certification.html

Certified Turfgrass Varieties Available in South Carolina

(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>
Green Acres Turf Farm	138.5	C
Modern Turf	85	C
Modern Turf	10.9	R
Inman/Chapman Sod	58	C

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>
Green Acres Turf Farm	8	R
Modern Turf	99	C
Modern Turf	7.5	R

**Mini Verde var. P-18
(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>
Modern Turf	10	C
Modern Turf	2	F
Modern Turf	1	R

OKC 1131

OKC 1131 bermudagrass is an interspecific F1 hybrid improved for high quality turf use. The grass can only be vegetatively propagated due to its infertility. It was created in 2007 and has been tested in multiple locations over many years. 'OKC 1131' has been tested in the 2013 National Turfgrass Evaluation Program (NTEP) OKC 1131 has a dark green leaf color, fine leaf blades, short internodes, and high turf density.

OKC 1131 has exceptional winter survivability and excellent spring greenup. 'and a top performer for turf quality and living ground coverage under drought conditions. In addition, OKC 1131 has an excellent establishment rate, sufficient sod tensile strength for commercial sod production, improved salinity resistance, and high traffic tolerance. OKC 1131 turf bermudagrass was released for commercial production on June 7, 2017.

<u>Name</u>	<u>Acres</u>	<u>Class</u>
New Life Turf, Inc.	0.137	F
New Life Turf, Inc.	15	C

**Premier Pro
(Patented)**

(PREMIER) It is marketed as Premier Pro. Premier is a perennial plant that spreads by rhizomes and stolons and produces a dense fine textured turfgrass. The inflorescence of 'Premier' is a panicle, with branches originating from a common center. The leaf blade has a fold in the bud, slightly concave surface versus Tifgreen and Tifway, both of which have flat leaves. Adaxial leaf surface have very few, short hairs versus Tifway with many. Leaf sheath pubescence is present with very short hairs versus Tifgreen with none. Leaf blade veins are obscure. Leaf blade flexibility (softness) is stiff versus the softer Tifgreen. Premier was discovered under cultivated conditions in a golf course fairway near Seal Beach, Calif. It has a darker green leaf color and finer leaf texture than that of the suspected parent 'Tifgreen'. **US PLANT PATENT (PP18,247) license required to propagate.**

<u>Name</u>	<u>Acres</u>	<u>Class</u>
Bentwood Farms	153.09	C
Turf Connections/Springfield	21	C
Turf Connections/Springfield	6	R

Princess

Princess 77 Bermudagrass is the first dense, fine textured F1 hybrid bermudagrass variety to be available in seeded form. Princess 77 seed is produced much like hybrid seed corn, but instead of two inbred parent lines, two self-incompatible but cross-fertile parent clones are planted in alternating rows. The specific combining ability of these two elite parent clones is what makes Princess 77 the first seeded bermudagrass that is competitive with the vegetative hybrid bermudagrasses for turfgrass quality, leaf texture, color, and density. It is highly tolerant to sun, drought and traffic. It has high leaf density with a dark green color of medium fine leaf texture. In the fall it has good fall color retention.

<u>Name</u>	<u>Acres</u>	<u>Class</u>
Sod Slingers	29.34	C

Sunday

Sunday is an Ultradwarf “greens” type bermudagrass. Developed by a turf grower and golf course owner, Sunday™ Ultra-Dwarf Bermudagrass is finer-textured than Tifdwarf. Sunday can be mowed as low as .080 and provides a very consistent, high quality putting surface. In addition, the color of Sunday™ Ultra-Dwarf Bermudagrass is monolithic providing a highly aesthetic green putting surface. Sunday has successfully been installed on multiple courses with very positive feedback on its color and reduced maintenance.

<u>Name</u>	<u>Acres</u>	<u>Class</u>
Modern Turf	10	R

Tahoma 31

Developed by top turfgrass researchers at Oklahoma State University (as OCK 1131) and, through nationwide testing in the National Turfgrass Evaluation Program (NTEP), Tahoma 31 demonstrated its resilience and excelled in key metrics compared to other bermudagrasses including Tifway, TifTuf and Latitude 36.

Tahoma 31 derives its name from the Native American word, Tahoma, which means frozen water. In test after test, Tahoma 31 shows its exceptional winter hardiness, tested up to 75% more cold tolerant than other bermudagrass varieties. With the additional characteristics of both improved wear tolerance and drought resistance, Tahoma 31 is ideal for sports turf, golf courses and high-quality lawns in the Mid-Atlantic & Transition Zone.

<u>Name</u>	<u>Acres</u>	<u>Class</u>
New Life Turf	9	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 10 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. Name Acres Class Georgia Seed Development Comm. 1.23 F Pike Creek Turf, Inc. 48.00 C

<u>Name</u>	<u>Acres</u>	<u>Class</u>
New Life Turf	6	C
New Life Turf	6.7	R

**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>
New Life Turf	34.2	C
Turf Connections – Cheraw	2.5	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>
Buy Sod	166	C
Buy Sod	10	R
Super Sod	435	C
Super Sod	34	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>
Bentwood Farms	5.61	C
Carolina Fresh Farms	110	C
Carolina Fresh Farms	5	R
Green Acres Turf Farm	183.5	C
Heritage Green	37	C
Heritage Green	5	R
Inman/Chapman Sod	13	C
Inman/Chapman Sod	3	R
Modern Turf	137.3	C
Modern Turf	5.5	R
New LifeTurf	167.6	C
Nimmer Turf	35	C
S&R Turf	60	C
S&R Turf	4	F
Super sod	80	C
Turf Connections, Springfield	86	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>
New Life Turf	2.5	R

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>
S&R Farms	5	C
Super Sod	1144	C

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>
Green Acres	40	R
Green Acres	2	F

St. Augustinegrass

Raleigh

The North Carolina Experiment Station released cold-hardy Raleigh St. Augustine in 1980. Although finer textured (with a narrower blade) and more tolerant of shade than Floratam, Raleigh develops dense ground coverage. Raleigh St. Augustine is medium green in color, SAD virus resistant and is best grown in heavier clay soils. Raleigh is medium green in color, cold tolerant, shade tolerant, SAD Virus resistant and develops ground coverage.

<u>Name</u>	<u>Acres</u>	<u>Class</u>
Buy Sod, Kingstree	20	C

TamStar

TamStar grass was developed by Texas A&M in cooperation with the turf grass farmers of Texas. TamStar grass has a smaller leaf blade than other St. Augustine grass varieties, so it produces a more lush, dense turf with a dark green color. TamStar grass is also shade tolerant and drought tolerant. TamStar St. Augustine has been proven to have good drought tolerance compared to the Zoysia grasses, the Bermuda grasses and other St. Augustine grasses. It also has a quick recovery time, once the rain starts to fall or irrigation is used..TamStar is also less susceptible to Gray Leaf Spot, and it suppresses the Southern Chinch bug, which is common in our area during the heat of the summer. This is a low maintenance grass. it doesn't require a special mower like a reel mower. TamStar grass is faster growing than any of the Zoysia varieties so it can repair itself from gouges or dings more quickly, if properly maintained.

<u>Name</u>	<u>Acres</u>	<u>Class</u>
Carolina Fresh Farms	5	F
Carolina Fresh Farms	20	R

Zoysiagrass

Cavalier

Cavalier is a fine textured Zoysia developed by Texas A & M University. It has an intermediate to rapid growth rate and spreads primarily by stolons. It is suitable for sports fields, golf course fairways, tee boxes and home lawns. It produces little thatch with an optimum mowing height of 3/8" to 2.5" Coverage generally takes 10-12 months when 3" - 4" plugs are planted on 12" centers. Internode stolon color is light purple when exposed to full sun. Leaf blades are rolled in the bud and are flat and stiff. The ligule has a row of silky hairs. Leaf color of this variety is similar to El Toro.

<u>Name</u>	<u>Acres</u>	<u>Class</u>
Turf Connections/Cheraw	35	C
Turf Connections/Springfield	27	C
New Life Turf, Inc.	19.4	C
New Life Turf, Inc.	20.2	R

Chisholm

'Chisholm' (Reg. No. CV-273, PI 666039) is a zoysiagrass (*Zoysia japonica* Steud.) approved for release by Texas A&M AgriLife Research, Dallas, TX, and the Kansas Agricultural Experiment Station, Manhattan, KS. Chisholm has a texture coarser than 'Meyer' and intermediate to 'JaMur' and 'Palisades'. Freezing tolerance of Chisholm is equivalent to, or slightly poorer than, Meyer, but it is superior to Meyer for establishment rate from vegetative plugs; turfgrass quality; growth under shade; fall color; resistance to bluegrass billbug (*Sphenophorus parvulus* Gyllenhal), zoysiagrass mite (*Eriophyes zoysiae* Baker, Kono, and O'Neill), and take all patch [caused by *Gaeumannomyces graminis* var. *graminis* (Sacc.) Arx & D.L. Olivier]; recovery from divots; and seed head production (fewer produced). Improvement over Meyer in these traits will potentially increase the utility of zoysiagrass in the transition zone. Chisholm is well suited for use on lawns and golf courses in the transition zone, particularly those areas in zones 6b or higher on the USDA Plant Hardiness Zone map.

<u>Name</u>	<u>Acres</u>	<u>Class</u>
Carolina Fresh Farms	35	C
Carolina Fresh Farms	10	R
Heritage Green	14	C

Diamond

Diamond is a fine textured, vegetatively propagated, warm season *Zoysia*. It has shown excellent tolerance to low light conditions, salty soils, and high traffic areas. Diamond is best maintained at a very low mowing height (5/32"-1/2"). It will also recuperate very quickly, making it a good choice for golf course tees and collars, as well as putting surfaces. Diamond has a low winter hardiness, but it will retain color in the fall and has an early spring green-up.

<u>Name</u>	<u>Acres</u>	<u>Class</u>
New Life Turf	96.4	C
New Life Turf	2.5	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>
Green Acres	50	C
Modern Turf	2	F

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>
Carolina Fresh Farms	130	C
New Life Turf	20	C
Turf Connections/Cheraw	53	C
Turf Connections/Springfield	63	C

Royal

Royal is a *Zoysia matrella* hybrid that is vegetatively propagated. It is distinguished from other zoysiagrasses by a fine texture, high rhizome and tiller density, is reasonably salt tolerant, has good shade tolerance and rapid regrowth and recovery from damage. Royal tolerates close and frequent mowing. Adapted for use on golf course fairways and tee boxes under full sun or moderate shade. The variety has sufficient winter hardiness to be used across the mid-transition states. Royal was developed by the Texas Agricultural Experiment Station and may be marketed by licensed growers only. It is a patent protected variety.

<u>Name</u>	<u>Acres</u>	<u>Class</u>
Carolina Fresh Farms	125	C
Carolina Fresh Farms	5	R

**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/Kingstree	27	C4
Green Acres	85	C
Green Acres	29	R
Lawson`s Turf	20	C
Nimmer Turf	158	C
Nimmer Turf	36	R
Super Sod	33	C
Super Sod	35	R
Willshire Farms	13	C
Willshire Farms	4	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>
Modern Turf	75	C
Modern Turf	15	F

GENERAL CONTACT INFORMATION:

<i>Bentwood Farms</i>	6004 Morgan Mill Road	Monroe, NC	28110	(704)226-6510	charlie@bentwoodfarms.us
<i>Buy Sod USA-Kingstree</i>	316 Heins Road	Geeleyville,	29056	(803) 800-3851	Jcorbett@buysod.com abuddin@buysod.com
<i>Carolina Fresh Farms</i>	7500 Savannah Hwy.	Neeses	29107	(803) 378-2691	cbonnett@carolinafreshfarms.com
<i>Green Acres Turf Farm</i>	14058 Savannah Hwy.	Furman	29921	(803) 625-2902	aygatf@yahoo.com
<i>Heritage Green</i>	P.O. Box 146	Denmark	29042	(803) 793-7709	heritagegreenturf@gmail.com
<i>Inman Sod/Chapman Sod</i>	PO Box 207	Inman	29349	(864) 680-3509	jspears@inmansod.com
<i>Lawson Turf</i>	1281 Pinedale Drive	Darlington	29540	(843) 332-4763	william@lawsonturf.com
<i>Modern Turf</i>	8840 Camden Hwy.	Rembert	29128	(803) 713-8873	bj@modernturf.com
<i>New Life Turf, Inc.</i>	2024 Willow Swamp Road	Norway	29113	(803) 263-4231	jedgeman@newlifeturf.com @newlifeturf.com
<i>Nimmer Turf</i>	524 Nimmer Turf Road	Ridgeland	29936	(843) 726-8844	bnimmer@nimmerturf.com
<i>Sod Slingers</i>	2215 US-501	Galivant`s Ferry	29544	(843) 358-1870	Wallace@seedslingers.com
<i>S&R Turf & Irrigation Equipment</i>	974 Tolar Road	Galivant`s Ferry	29544	(843) 358-1141	srturf3@sccoast.net
<i>Super Sod</i>	3086 Five Chop Road	Orangeburg	29115	(803) 531-2092	jhelmke@supersod.com
<i>Turf Connections-Cheraw</i>	2434 Brock`s Mill Rd.	Cheraw	29570	(843) 862-8873	marc@turfconnections.com
<i>Turf Connections-Springfield</i>	8983 Neeses Hwy.	Springfield	29146	(803) 682-0043	martin@turfconnections.com
<i>Wilshire Farms</i>	241 Planters Trace Rd.	Santee	29142	(803) 854-3323	willshiresod@ntinet.com

Turfgrass Certification Standards

27-196 VEGETATIVELY PROPAGATED TURFGRASS CERTIFICATION STANDARDS

I. APPLICATION OF GENERAL CERTIFICATION STANDARDS

The General Seed Certification Standards Clemson University Regulation 27-190, are basic and applicable. The following specific standards constitute the standards for certification of vegetatively propagated turfgrasses, bermudagrass, centipede, zoysia, St. Augustine and seashore paspalum.

The General Standards are modified as follows:

1. Foundation Turf – shall be the vegetative increase of Breeder or Foundation turf.
2. *Registered Turf – shall be the vegetative increase of Foundation turf.
3. Certified Turf – shall be the vegetative increase of Foundation or Registered turf.
4. Life of Stand: The life of the stand will continue for all classes of vegetatively propagated turf grasses as long as the varietal and mechanical purity for the class is maintained.

*A grower of Registered turf may increase his acreage of Registered turf from his own production provided the increase is adjacent and planted on land under the control of the grower. The size of such increase is not to exceed a total of ten (10) additional acres.

II. LAND REQUIREMENT:

- A. A field to be eligible for the production of Foundation, Registered or Certified turf must be free of contaminating grasses, weeds and other crops.
- B. Land for production of Foundation or Registered sod shall be fumigated with a recommended soil fumigant.

III. FIELD INSPECTION

- A. Handling the crop and planting and prior to inspection.
 1. A field must be rogued and/or sprayed during the growing season to remove (1) other varieties, (2) other perennial grasses, (3) most common weeds, (4) objectionable and noxious weeds.
- B. Time and number of inspections:

1. A minimum of three inspections will be required.

Fields must be inspected prior to planting to insure the field is free of contamination.

IV. FIELD STANDARDS:

A. General

1. Unit of Certification

A field or portion of a field may be certified.

2. Isolation requirements:

Plantings of vegetatively propagated turf grasses must be isolated from any other variety and other perennial grasses by an artificial barrier and/or strip at least six (6) feet wide to prevent mixing during the growing season and harvesting operation.

B. Specific Requirements

Factor	<u>Maximum permitted in each class***</u>		
	Foundation	Registered	Certified
*Other Varieties.....	None	None	1/acre
**Other Crops.....	None	None	None
Noxious/Objectionable Weeds.....	None	None	None
Other living plants (max.)	100	200	400

*Other varieties shall consist of all other varieties of the kind being produced.

**Other crops shall consist of all other kinds and varieties of perennial grasses.

***Should other varieties, other crops and/or noxious weeds be found in excess of standard during field inspection, roguing and eradication by spot spraying will be permitted to bring turf in line with standards.


V. TURF STANDARDS

Objectionable or Noxious Weeds.....	None
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INSTRUCTIONS AND PROCEDURES

An official certificate or label will accompany each shipment of certified sprigs, sod or plugs. A complete record on the amount of certified turf sales will be maintained and made available to the official certifying agency. The record will include (a) class of certified turf sold (Foundation, Registered, or Certified), (b) Kind and Variety, (c) field number, (d) date of harvest, (e) amount of turf shipped (square feet, cubic feet, bushels, etc)

Each shipment of certified turfgrass must be accompanied by a certificate, as shown below. If there is no certificate, then the grass is not certified.

SOUTH CAROLINA CERTIFIED TURFGRASS	
<p style="text-align: center;">CERTIFIED TURFGRASS</p> <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p style="font-size: small;">DEPARTMENT OF PLANT INDUSTRY CLEMSON UNIVERSITY</p>  <p style="font-size: x-small; text-align: center;">CLEMSON S.C.</p> </div> <div style="width: 50%;"> <p style="font-size: x-small;">CERTIFICATION WARRANTY DISCLAIMER</p> <p style="font-size: x-small;">The grass this certificate represents was produced in accordance with the published standards of the Department of Plant Industry at Clemson University. This agency makes no warranty of any kind, expressed or implied, including merchantability, or fitness for purpose, or otherwise which extends beyond certification. The producer or vendor whose name appears on this certificate is solely responsible for the information thereon and for the proper use of this certificate.</p> </div> </div>	<p style="text-align: center;">DEPARTMENT OF PLANT INDUSTRY CLEMSON UNIVERSITY</p> <p style="text-align: center; font-size: small;">511 Westinghouse Road Pendleton, SC 29670 Phone: 864-646-2140 Fax: 864-646-2178</p> <p style="text-align: center;">CERTIFICATE NUMBER:</p> <p style="font-size: small;">This grass was grown in accordance with a program designed to promote purity by adherence to published standards.*</p> <p style="font-size: small;">This certificate must be completed and attached to each bill of lading or invoice representing certified sprigs or sod produced in accordance with the South Carolina Department of Plant Industry's rules and regulations for production of vegetatively propagated certified turfgrass.</p> <p style="font-size: small;">I certify the information provided is true and meets the South Carolina Department of Plant Industry's requirements for vegetatively propagated turfgrass certification.</p> <p style="font-size: small;">Authorized Representative of Grower:</p> <p>_____</p> <p style="font-size: x-small;">Copies: Original to Buyer Pink to SC Dept. of Plant Industry</p>
<p>Kind: _____</p> <p>Variety: _____</p> <p>Quantity: _____</p> <p style="padding-left: 40px;">Sprigs: _____ bushels</p> <p style="padding-left: 40px;">Sod: _____ sq. ft.</p> <p>Bill of Lading/ Invoice # _____</p> <p>Shipper: _____</p> <p>Field #: _____ Harvest Date: _____</p>	<div style="font-size: 4em; font-weight: bold; transform: rotate(-90deg); transform-origin: left top; position: absolute; left: -100px; top: 50%; white-space: nowrap;">SAMPLE</div>
<p>Grower Name and Address:</p> <p>_____</p>	
MEMBER OF ASSOCIATION OF OFFICIAL SEED CERTIFYING AGENCIES	

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