



Wilmington, North Carolina



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Superior Advantages

- Quality
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- Integrity
- Roll Sod requiring less labor (but slabs are available).
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- Our excellence in dispatching with "Big Al"
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- Best in the industry for sod availability & supply on year round basis.
- Superior Sod and their partnering farms have the largest acreage production in North Carolina.
- Superior Sod can harvest quickly after heavy rains (excellent soils & drainage).
- With 100% under pivot irrigation, harvesting continues during hard drought times.





Our growth is a representation of the quality of service that we have given you throughout the years. We want to thank each of our customers for all the success that they have given us. We hope to continue growing to serve you better.



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Wilmington, North Carolina

THE RIGHT SODS GROWN FOR YOU



Centipede (Certified TifBlair)

A medium green, medium width leaved turfgrass that is commonly used in home lawns, commercial landscapes and roadsides in the southern U.S. It has the lowest maintenance requirements of all lawn grasses, an attractive apple-green color, requires little fertilization, mows easily and less frequently, recovers from drought quickly and has an aggressive establishment from sod. Centipede is not salt tolerant and is susceptible to Brown Patch.



Empire Zoysia

This Zoysia grass is developed in Brazil, and it can survive the harsh climates from the tropics to the cold weather found in Pennsylvania. It's color is dark green, it is soft to the touch, mows easily with a regular rotary mower, and has a medium blade width. It has very durable leaf blade, which provides for extreme wear tolerance; and because of its deep, thick root system it requires much less watering (i.e. It is very drought tolerant), and winter hardy. It's tolerance to salt is also very good, and it is resistant to both Chinch bugs and Brown Patch commonly found in our area.



Zorro Zoysia

This Zoysia grass is the #1 rated Zoysia for all characteristics with the National Turfgrass Evaluation Program throughout the U.S. It is second only to Raleigh St. Augustine for shade tolerance. It has a deep green color with a fine leaf blade. It's density and texture is excellent and will tolerate much lower mowing heights (down to 1/4" with a reel-type mower). Zorro has a high recuperative potential - this has been proven with it's use on golf course tees and fairways. It is resistant to both Chinch bugs and Brown Patch found in our area.



Raleigh Saint Augustine

The Raleigh St. Augustine cultivar was released to the public by North Carolina State University in 1980. It is the most shade tolerant of all warm season grasses available today. It has a medium green color and is coarse textured with broad leaves; it is also the most cold-hardy St. Augustine variety for our area along the coast of North and South Carolina. It grows well in sandy sites, and is both drought and salt tolerant. It is susceptible to Brown Patch and Chinch bugs.



Tifsport (T-94) Bermuda-Certified

Tifsport is blue-green in color and while coarser textured than Tifway, it has better cold tolerance and a lower fertility requirement to maintain good color. It has a high turf density and strength, retains good color under stress, provides superior surface under short cutting heights, quick recovery from wear and divots, aggressive establishment from sod or sprigs, performs best in full sun and is ideal for golf fairways and tees, sport fields and landscapes.



Tifway 419 Bermuda

Darker green and slightly coarser than T-328, it produces an extremely dense turf. Tifway 419 is commonly used on golf courses and athletic fields for its quick recuperative potential and is more economical. Once established, Tifway 419 maintains a dense, attractive turf with somewhat less fertilizer than any other Bermuda. It is a quick rooter and spreads very rapidly.

Technical Support for Grass?

Superior Sod & Garden Supply offers technical support for all of its clients. If you have a question before or after the sale, just give us a call. Our staff is always ready to help you in any way we can. Our purpose is to not only sell you a product, but to actually help you understand and maintain the many products we offer.



Sod Pros & Cons

Centipede:

Pros:

- Easiest to maintain.
- Requires little fertilization
- Mow every 7 to 10 days—is forgiving if a mowing is missed.
- Fairly drought tolerant.

Cons:

- Apple-Green color – not dark green.
- Recuperates from damage slowly.
- Damages readily with ground pearl, mole crickets.
- Susceptible to Brown Patch.
- Not very traffic tolerant.

Raleigh St. Augustine:

Pros:

- Dark Green.
- Most drought tolerant.
- Very salt tolerant, second to Zoysia.
- Recuperates quickly from damage.
- Stays above the problem with heavy above ground stolons.
- Moderate fertilization. Mow every 7 days.
- Best for plugging.

Cons:

- Susceptible to Chinch Bugs, Brown Patch and Insects controlled with Merit or Sevin.

Bermudas:

Pros:

- (T-419, Tifway) Dark Green, repairs quickly, can achieve “fine” appearance.
- (T094, TifSport) It has the same pros as T-419, but has earlier greenup and is much more winter hardy.

Cons:

- High maintenance required, must mow every 4 days to avoid scalping the crown.
- Will creep quickly into flower beds, curbs & sidewalks, etc.
- Requires full sun, no tolerance to shade.

Zoysias: (Empire & Zorro)

Pros:

- Dark Green.
- Most winter hardy with deep rhizomes.
- Most traffic tolerant of all.
- The most salt tolerant.
- Can get that “manicured-fine” look.
- Not as susceptible to diseases, relative to other varieties.
- Does not spread laterally like Bermudas, St. Augustine, or Centipede.
- Has no stolons.
- Narrow to moderate leaf blade width.
- Slow to damage.
- Second to St. Augustine for shade tolerance.

Cons:

- Mowing every 7 days. (Don’t skip a mowing)
- Mower blades must be sharp. Rotary mowers are fine, but a reel-type mower will always do the best job, though not necessary.
- If severely damaged, requires time to heal.



KEEP YOUR HANDS OFF THAT CENTIPEDEGRASS!

By: Dr. Bruce Williams, Turf Grass Specialist

More centipedegrass is killed by love than all other environmental, disease or pest factors combined.

Centipede is a low-maintenance lawn grass. Frequent or improper fertilization, inappropriate pesticide use or incorrect mowing height will greatly reduce the life of a centipedegrass lawn.

I have observed the best quality and longest-lived stands of centipedegrass exist in waste and roadside areas where maintenance is minimal. This is the best grass for someone that does not want to manicure the lawn and should not even be considered by those that want a "perfect" lawn. Centipedegrass fertilized with high nitrogen early in the spring is more prone to brown patch, frost damage, and other pest damage. Centipedegrass fertilized incorrectly with nitrogen on an annual basis will decline and usually die in three to five years due to winter damage, disease or other problems. My observations and research indicate very little fertilizer is required for optimum centipedegrass maintenance. Abnormally yellow centipedegrass is usually due to iron deficiency. Iron deficiency can be induced by alkaline soil pH (soil pH above 6.0), cold soil, excessive nitrogen fertilizer, disease, insect infestation or a combination of the above. Usually the application of chelated or granular forms of iron will temporarily correct the iron deficiency problem.

Ground pearls and brown patch will occasionally cause problems in centipedegrass lawns. However, my observation and most research indicates that these problems are often self-induced by poor or improper lawn management. Ground pearls will flourish in the lawn that is routinely treated for grubs, ants or fleas because the insecticide kills off the natural predators of this root killing insect. Brown patch is usually caused by other fertilization, excessive irrigation, cool weather or a combination of those factors. Fairy ring, localized dry spot, nematodes and centipedegrass decline can also cause severe damage in centipede lawns.

Remember, centipedegrass is a low maintenance grass. Do not expect perfection. If you want a perfect lawn, then consider hybrid Bermuda, Zoysia, or St. Augustine grass.

A Lazy Man's Guide to Centipedegrass Lawn Maintenance Calendar

January 1 – April 1

Rake leaves from lawn. Enjoy football and early baseball season.

April 1 – August 1

Mow lawn to 1 – 1 1/2 inches in height. Never remove more than 30% of height at any single mowing. Fertilize with 10 pounds of 5-5-15 or 5-0-15 per 1,000 square feet in mid-May or early June. Treat for mole crickets, if present, in July. Use only label recommended rates of insecticide for pest control. Treat with chelated or granular Iron if centipedegrass is too yellow. Enjoy golf and fishing.

August 1 – January 1

Mow lawn to 1 – 1 1/2 inches. Optional – Fertilize with 5 pounds of 0-0-22 or 2 pounds of 0-0-50 or 4 pounds of 5-10-30 per 1,000 square feet no later than September 15. Treat lawn with the herbicide Purge II (atrazine) or Princep (simazine) in December if needed for weeds. Enjoy fishing, hunting and golf.



Superior Palms

Superior Sod and Garden Supply has offered Sabal Palmetto Palms since 1999 which are native from Bald Head Island, NC to Florida and the Bahamas. Our staff took a trip to Florida to learn more about the different palms that are available and would do well in our region (USDA Hardiness Zone 8a).

While in Florida, we toured seven nurseries spanning from Melbourne, Gainesville and on to Tampa. We came to the consensus that six species would flourish in our region. The species selected will tolerate temperatures as low as -5°F to 10°F with little or no leaf burn.

Our palm supplier has been propagating palms for 32 years!



Palmetto /Cabbage Palm

(*Sabal palmetto*)

Native from NC to the Bahamas, this large single non-branching trunk grows from 20 to 30 feet. This palm grows at a slow to moderate rate. Sabals are harvested in Florida with its boots still on. As this palm ages, these boots will drop off. When the boots are "shaved" off prematurely with a chain saw they are referred to as "Slick" Sabal Palms. **Frost Tolerance:** Hardy to 0°F, with some leaf damage at 10°F. **Environment:** Sun with well drained soil. Tolerant of salt spray and hurricanes.



Pindo Palm

(*Butia capitata*)

This palm has long pinnate leaves that arch and recurve towards the ground from atop a thick, stout trunk. Typically, the old leaf stalks persist for years, although specimens with clean trunks are not uncommon. **Frost Tolerance:** Hardy to 5°F though leaf damage may occur at 15°F. **Environment:** Full sun with well drained, moist soil. Very salt and hurricane tolerant.



Windmill

(*Trachycarpus fortunei*)

Windmill Palms have a rather slender single stem that is 8-10 inches in diameter and is typically a bit narrower at the base than at the top. Trunks are usually covered with a loose mat of coarse gray or brown fiber. In older individuals, the fiber sloughs away to reveal a smooth ringed surface. Windmills can reach from 12 to 15 ft. tall in the NC coastline region. Windmill Palms are one of the most cold hardy palms available.

Frost Tolerance: Hardy to -5°F, though leaf damage may occur at 5°F

Environment: Full sun to part shade with rich, moist, well drained soil



European Fan/Mediterranean Palm

(*Chamaerops humilis*)

This attractive little palm has become very popular in recent years, mostly due to its cold hardiness. The European Fan Palm forms clumps than can grow up to 8 to 10 ft. in height (in the NC coastline region). The leaves are triangular and fan-shaped. This is an extremely variable plant both in color (the leaves range from blue-green to grey-green to yellow-green) and in shape.

Frost Tolerance: Hardy to -5°F, though leaf damage may occur at 10°F

Environment: Partial to full sun with good soil drainage. Very drought and salt tolerant

* A silver leaved variety will soon be available. *



Needle Palm

(*Rhapidophyllum hystrix*)

The Needle Palm is a small shrubby fan palm that grows to about 6 ft in height. The needle palm doesn't form a trunk, but instead has a slowly lengthening crown that may grow to about 4 ft long and about 7 inches in diameter. The stems are composed of old leaf bases, fiber and long slender spines. As each stem matures, more slender spines grow from between the leaf attachments. These "needles" are dark brown or black, very slender and sharp and grow from 4-10 inches long. One of the easiest palms to grow in the NC coastline region.

Frost Tolerance: Hardy to -10°F

Environment: Grows best in light shade with very moist soil. Very salt tolerant.



Dwarf Palmetto

(*Sabal minor*)

A small fan palm with a trunk that remains below ground. Depending on age and growing conditions, the leaves can be anywhere from 1-5 ft in length and width. The smooth petiole (leaf stem) is a little longer than the leaf. Native to the south (from NC to TX) it is commonly found on river banks and flood plains.

Frost Tolerance: Hardy to -5°F, though leaf damage may occur at 5°F

Environment: Prefers a moist sunny location, tolerating occasional flooding. Very salt tolerant.

Special Order Palms



King Sago

(*Cycas revoluta*)

Cycas species have grown on earth since the Mesozoic Era. King Sagos can reach 4' - 6' in height and 6' wide. Slow growing.

Frost Tolerance: Cold hardy to -10°, however, foliage damage occurs yearly in our area (at 15° to 20°F) causing leaf burn, which only needs to be trimmed completely off in late spring.



Canary Island Date Palm

(*Phoenix canariensis*)

A single, upright, thick trunk topped with a crown of stiff leaves with extremely sharp, pinnate spines at their bases.

Frost Tolerance: 18°F



Sylvester

A stately, solitary palm. The trunk has a red, yellowish color with a beautiful leaf scar.

Frost Tolerance: Foliage damage occurs at 18°F



Saw Palmetto/Scrub Palm

A low, spreading palm that creeps along the ground, rooting and branching as they grow.

Frost Tolerance: 18°F



Washingtonian/Mexican Fan Palm

(*Washingtonian robusta*)

Single trunk (12" dm.) Tapers at crown. Fast growing.

Frost Tolerance: Total foliage damage occurs in the low to mid 20s.

Premium Palms



Special Cuts Available!

Premium European Fan



European Fan Cluster



Premium Windmill



Premium Pindo



Premium King Sago



Superior Mulch



Superior Sod and Garden Supply has 3 wood mulches available. All are durable, resist pests, retain moisture in the soil and slow weed growth. We will be happy to help you select a mulch that will best suit your needs and preferences. All are attractive additives to any landscape. Our mulch is sold in bulk. It is available for pick-up.



**All of our Mulches and Topsoil Blend
Are produced
by Mr. Parker in Rose Hill, North Carolina**

Formula

- 1 Cubic Yard of Mulch 2" thick will cover 162 square feet
- 1 Cubic Yard of Mulch 3" thick will cover 108 square feet (recommended)
- 1 Cubic Yard of Mulch 4" thick will cover 81 square feet



Hardwood Bark (Triple Hammered)

Our "Select Grade" hardwood bark retains moisture, thus reducing irrigation needs. It also lasts 3 times longer than pine straw, and it prohibits weed growth. The process of generating "fines" by triple hammering helps prevent erosion as it remains in place.



Superior Red

Premium color-enhanced mulches are manufactured from virgin wood fiber, ground and colored to exact specifications. It provides a vivid color contrast in your landscape applications and will retain its color 4 times longer than cedar or cypress mulch.



Chocolate

This dark brown, organically dyed mulch will make for excellent contrast with bright colored flowers and greenery. A natural appearance with the benefits of our color-enhanced mulches.



**Our Topsoil Blend is weed-seed free!
and has a high percentage
of organic matter!**

Superior Pine Straw



ONLY one kind of Pine straw is offered by Superior Sod and Garden Supply - Long Leaf Pine Straw. Long Leaf is North Carolina Grown (often harvested at Orton Plantation). Long Leaf Pine Straw is a superior ground cover (to minimize weeds) verses the Slash Pine Straw which is available at the Big Box Stores. Long Leaf maintains it's reddish color much longer than Slash which comes out of both Florida, Georgia and South Carolina. Over the years we have secured an excellent producer and harvester of this top quality Long Leaf Pine Straw. The bales are large, and clean of debris.



Superior Fertilizer

Finding the right fertilizers has been a long time problem for both landscapers and homeowners.



Long Leaf

Harvested locally with little or no debris. Bales are large and tightly packed. Color is vivid and bright. Needles reach a length of 8" to 10" long. Long Leaf is sought after for its longevity and is rarely sold in the big box stores.

Total Lawn Food 16-4-8 or 16-4-2 Plus Iron

The perfect fertilizer to keep your Zoysia, St. Augustine or Bermuda lawn growing beautifully. Super Sod incorporates Iron in their fertilizers to provide more greening without relying on high Nitrogen levels. Too much Nitrogen is a key ingredient for Brown Patch to occur.

Starter & Centipede Formulation 5-10-15 or 5-5-15 Plus Iron

Formulated just for Centipede's specific needs and for the starting of all warm season grasses. Prior to the installation of any sod, apply 5-5-15 with a rotary spreader and lightly rake the soil. Preparation for planting is just as important as any other care.

Who is better to trust on fertilizer than the actual grower?





*We hope you have enjoyed this
complimentary guide.
Please feel free to call us
at 910-686-LAWN or stop by and see us
at 7340 Market Street in Wilmington.
Thanks for your patronage!
The Staff at Superior Sod.*