
2022

**MACH 1
ULTRADWARF
BERMUDA**



BY MODERN TURF, INC.

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Ultradwarf bermudagrasses have come a long way in the last 20 years. These grasses have changed the entire industry in the regions they are planted and managed.

We have new equipment for topdressing, mowing, brushing, rolling, verticutting and grooming - all as a result of these grasses and the demands for higher quality putting surfaces. We have almost removed the process of overseeding in favor of painting or pigments because of their ability to withstand winter traffic. It has been an ultradwarf revolution in every sense! If these grasses had been discovered or introduced 40 years ago, they likely would have failed as the technology wasn't ready for them. As it is, these new grasses forced the hand of the modern golf turf management industry and as a result, the ultradwarf bermudagrasses are far better maintained today than when they first came to market 20 years ago.

Many golf course superintendents have now managed two or even three of the major players in the ultradwarf market. Whether or not they have managed each of them, they surely have seen, played on, and discussed the pros and cons of each of these grass varieties ad nauseam. Champion, TifEagle™ and MiniVerde® cornered the market for years and recently Sunday™ has entered the market as a viable contender as well. It is a good grass and has been well received just for showing up. What evidence is there? With many superintendents having such a vast knowledge of the main three players, they know everything they like (strengths) of each variety. Along with that they certainly know everything they don't like (weaknesses) about these grasses as well.

Enter Sunday™; a grass with no knocks and little real research of note. People are sometimes just looking for something new. With regards to the popular three contenders, if you know you are going to replace your warm season greens, do you go with the/a devil you know or take a chance on something new? Fortunately for Sunday™, it was planted on a few test greens and ultimately on a few courses and people liked it. No real university or NTEP testing was performed, just some golf course superintendents willing to take a risk on something new and an opportunity to be a trend setter! And they have all been very successful.

INTRODUCTION

Enter Mach 1™. Renowned golf course superintendent and inventor of the Greens Perfection greens mower brushes system, CGCS Rodney Lingle, managed some of the finest ultradwarf greens on the planet at Memphis Country Club for years.

During this time he was one of the industry leaders in understanding and developing many of the highest level best management practices for ultradwarf bermudagrass. So much so that he was compelled to invent a brush to better manage his greens for high end putting. A natural tinkerer and engineer, with a turf management education, Rod has spent years looking at other grasses on his courses and elsewhere. He saw something one day nearly 20 years ago and was sharp enough to collect a sample and grow it out. He grew it in pots and observed it for six years before planting it on a test green at Memphis Country Club. He then maintained it for seven more years at the highest levels possible. All the whistles and bells, coupled with the best agronomics, tools and intellectual turf management knowledge held by a select few in our industry, went into the management of this grass.

Interestingly Rodney is one of the guys who physically grew each of the big three ultradwarf varieties. Not necessarily entire sets of greens, but enough to have great first-hand knowledge of each grass and its strengths and weaknesses. After managing his Mach 1™ green for nearly seven years, Rod had discovered something – something special. He discovered a new grass that he believes surpasses all the others in putting quality. This grass responded to all the rigor of daily maintenance while providing a putting surface he regards as the finest available for quality and speed. He found that Mach 1™ is very receptive to growth regulators, cold hardy, easily mowed at the lowest heights, aesthetically consistent and appealing, and has excellent genetic stability.

Currently Mach 1™ is planted on a few test greens while the plant stock can be found exclusively at Modern Turf sod farms in South Carolina. If you are curious about this grass and contemplating a greens renovation in the next few years, what will you do? Go with the devil you know, or take a chance at becoming a trend setter? The choice is yours.

Hank Kerfoot
President
Modern Turf, Inc.

THE PROS



This grass is fast!

I think golfers ultimately vote with their putters. From everything I have seen the putting quality of this grass has the potential to be the finest warm season surface available today.



20 year track record

New, not new! While it's new, it has a track record for nearly 20 years as opposed to some of the newer competitive grasses that are coming out.



Efficient

A smaller plant like Mach 1 is more efficient and will use less fertilizer and have a greater response to growth regulators, thus aiding in the ability to maintain fast greens with less input in terms of mowing and rolling.



Experience

Two excellent golf course superintendents with experience growing Mach 1 are at your service. Both Rodney Lingle and Rusty Mercer have a great interest in seeing this grass succeed and will help with your management in terms of establishing and maintaining Mach 1 greens.



New to the market

It's new and new is good. You have noted that it would be nice to offer something that no one else in the area has. This creates a good buzz and is great for marketing, especially playing off the Streamsong name.



Professional

Modern Turf has been in the industry for 20 years and has planted new greens on hundreds of golf courses throughout the southeast. Our senior golf staff consists of four former golf course superintendents who are experienced and will also help any way they can.

THE CONS



Aggressive Growth

Regular topdressing and grooming will need to be a part of the culture to keep this grass at bay. It is aggressive and will need to be worked to consistently provide a premium putting surface.



Planting Cost

Planting cost may be a con. We have priced Mach 1 at the very top of the food chain. We include a 3000 sf nursery planting at no charge because we firmly believe every course should have one. After that, the price will remain pretty firm, we are not in it to compete with other more common putting green grasses.



Fungicide Treatment

Speed costs money! If you speed in your car you use more fuel and race car fuel is expensive! If you speed, you have a greater risk of being ticketed which also costs money! Mach 1 may cost more money in places like your fungicide budget as it seems a bit more prone to take-all-patch. Preventive fungicides may have to become a part of your regime.

REFERENCES

Courses

Trump National – Fazio Five	Mooreville, NC	June 2019
James Sowers (704) 363-7406 jsowers@trumpnational.com		
Streamsong Resort – Red	Bowling Green, FL	May 2020
Rusty Mercer (813) 347-2933 russell.mercer@mosaicco.com		
Streamsong Resort – Blue	Bowling Green, FL	June 2020
Rusty Mercer (813) 347-2933 russell.mercer@mosaicco.com		
Chalk Mine 9 Hole Short Course	Aiken, SC	July 2021
Gary Frazier (803) 270-0068 gary_frazier@icloud.com		
English Turn Golf & CC	New Orleans, LA	July 2021
Haynes Mayo (601) 462-9206 hmayo@englishturn.com		

Trial Greens

University of Tennessee	Knoxville, TN	May 2017
Dr. Jim Brosnan (865) 474-0744 jbroshnan@utk.edu		
The Grove	College Grove, TN	Aug 2018
Joe Kennedy CGCS (615) 969-5462 jakcgcs@comcast.net		
East Lake Golf Club	Atlanta, GA	May 2019
Ralph Kepple CGCS (404) 687-2454 rkepple@eastlakegolfclub.com		
Card Sound Club – Ocean Reef	Key Largo, FL	June 2019
Ryan Oliver CGCS (914) 325-5033 ryanolivergcs@gmail.com		
Paradise Valley CC	Phoenix, AZ	June 2019
Rob Collins CGCS (602) 723-3337 rcollins@paradisevalleycc.com		
Olde Florida Golf Club	Naples, FL	Sep 2019
Darren Davis CGCS (239) 860-3920 DarrenJDavis@aol.com		
Lakeside Country Club	Houston, TX	May 2020
Terry Hutchinson CGCS (832) 549-6445 thutcherson@lakesidecc.com		
Bentwater Yacht & CC	Montgomery, TX	May 2020
Donny Latham (210) 818-6672 dlatham@bentwaterclub.com		
Secession Golf Club	Beaufort, SC	May 2020
Mark Mitchell (843) 986-4371 mmitchell@secessiongolf.com		
Cedar Creek Golf Club	Aiken, SC	May 2020
Gary Frazier (803) 270-0068 gary_frazier@icloud.com		
The Twin Eagles Club	Naples, FL	May 2020
Darren Gafford (386) 344-9222 dgafford@thetwineaglesclub.com		

REFERENCES

Royal Poinciana Golf Club	Naples, FL	June 2020
Matt Taylor (239) 823-8122 mattt@prgolfclub2.com		
Independence Golf Club	Midlothian, VA	July 2020
Dan Taylor (804) 640-9467 dan@playigc.com		
Country Club of Charleston	Charleston, SC	July 2020
Paul Corder (843) 270-4157 pcorder@countryclubofcharleston.com		
The Fields Golf Club	LaGrange, GA	July 2020
Mike Young (706) 255-4270 mydgolf@mac.com		
The Golf Club of Tennessee	Kingston Springs, TN	July 2020
Jeff Huber (615) 504-6378 jeffhuber@thegolfcluboftn.com		
Callawassie Island Club	Okatie, SC	July 2020
Billy Bagwell (843) 441-2171 wbagwell@callawassieislandclub.com		
Charlotte Country Club	Charlotte, NC	July 2020
John Szklinski (704) 507-0968 jszklinski@charlottecountryclub.org		
Ansley Golf Club – Settindown Creek	Alpharetta, GA	Aug 2020
Courtney Young CGCS (404) 552-9992 cyoung@ansleygolfclub.org		
Old Chatham Golf Club	Durham, NC	Aug 2020
Brian Powell CGCS (919) 623-1174		
Driftwood Golf and Ranch Club	Driftwood, TX	May 2021
Eric Puls (512) 806-6522 epuls@driftwoodgolfclub.com		
Mid Carolina Club	Prosperity, SC	June 2021
Scott Crouch (864) 941-6341 mcgolf215@yahoo.com		
Hillwood Country Club	Franklin, TN	July 2021
David Robertson (615) 352-7565 david.robertson@hillwoodcc.org		
TXO	Port Lavaca, TX	July 2021
Aaron Hayes (210) 328-0151 ahayes@txo.com		
Southern Trace Country Club	Shreveport, LA	Aug 2021
Graham Kornmeyer (678) 480-9222 graham.kornmeyer@southerntracecc.com		
Stonebridge Country Club	Naples, FL	Aug 2021
Mark Metzger (239) 552-1183 mark@stonebridgecountryclub.com		

HELPFUL LINKS

- <https://www.youtube.com/watch?v=03Vx2Byxa8Y>
- https://www.youtube.com/watch?v=gTx1lfPBp_Y
- <https://www.youtube.com/watch?v=r4EfYXqKSeE>
- <https://mach1greens.com/>
- <https://golfweek.usatoday.com/2019/12/16/streamsong-resort-re-grass-putting-greens-blue-red-courses-mach-one/>
- <https://www.golfdom.com/new-ultradwarf-bermudagrass-mach-1-receives-patent-and-praise/>
- <https://www.modernturf.com/grass-type/mach-1>
- <https://www.atlasturf.com/turfgrass/mach-1-ultradwarf-bermudagrass/>
- <https://www.morningread.com/industry-news/release/2020-01-16/new-year-new-greens-streamsong-resort-unveils-revolutionary-new-ultradwarf-bermudagrass-mach-1-for-2020-season>
- <https://www.links magazine.com/mach-1-the-wild-story-behind-the-revolutionary-new-grass-at-streamsong/>
- <https://www.facebook.com/pg/Mach1Ultradwarf/posts/>
- <https://www.youtube.com/watch?v=DLQpt6DD9RI>
- <https://myspiketrial.com/2020/02/07/mach-1-speed-the-story-behind-streamsongs-new-grass/>
- <https://www.youtube.com/watch?v=oqdSLuOqH4k>
- <https://www.youtube.com/watch?v=dB9cfTQXqbk>

MACH 1 AGRONOMISTS

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