

LESS WORK

MORE PLAY

WITH TIFTUF HYBRID BERMUDA



1300 883 711

lawnsolutionsaustralia.com.au



TECHNICAL DATA SHEET

TifTuf Hybrid Bermuda



SPECIFICATIONS

VARIETY	Hybrid Bermuda
BOTANICAL NAME	Cynodon transvaalensis x Cynodon dactylon
GROWTH HABIT	Perennial stoloniferous growth habit that also produces rhizomes. Dense, finely textured turf.
POSITION	Full sun to medium shade (minimum 4-5 hours direct sunlight per day).
SOIL TYPE	Suitable for all types but free draining soils recommended.
LEAF TYPE	Fine / Average width 2.5mm / Average length 30mm / Mid dark green
OPTIMAL pH RANGE	5.5 - 7
MOWING HEIGHT	8mm – 36mm
SEED PRODUCTION	Produces a seasonal seed head with 2-4 raceme.
LOCATION	Supply available Australia-wide.
USES	Perfect for domestic, commercial and high wear sports applications and areas of moderate shade. Variety is low maintenance and requires minimal nutrient and irrigation application once established. Very drought tolerant and quick to repair from wear.
PLANT PROTECTION	Ensure supplier is a licensed Lawn Solutions Australia member and product has been certified by AusGAP. Product should be accompanied with a 10-year Product Warranty Certificate and Certificate of Authenticity. PBR protection pending.
MAINTENANCE	Medium.

TOLERANCE (From very low to very high)

HIGH TEMPERATURE	<div><div></div><div></div><div></div><div></div><div></div></div>
DROUGHT	<div><div></div><div></div><div></div><div></div><div></div></div>
CLOSE MOWING	<div><div></div><div></div><div></div><div></div><div></div></div>
NUTRIENT REQUIREMENT	<div><div></div><div></div><div></div><div></div><div></div></div>
FROST	<div><div></div><div></div><div></div><div></div><div></div></div>
SHADE	<div><div></div><div></div><div></div><div></div><div></div></div>
WET SOIL	<div><div></div><div></div><div></div><div></div><div></div></div>
WEAR	<div><div></div><div></div><div></div><div></div><div></div></div>
SALINITY	<div><div></div><div></div><div></div><div></div><div></div></div>



Stolon and leaf structure illustration.



\$2 coin on wide shot of grassed area.



Close-up of live stolon.

WHY TIFTUF HYBRID BERMUDA GRASS IS THE BEST CHOICE

KEY BENEFITS OF TIFTUF

Can take root in less than 7
days in the right conditions

Needs a fraction of the water other
varieties need to establish

TifTuf has outstanding drought
tolerance requiring up to 38% less
water than other varieties

25+ years of research have
gone into developing TifTuf

A standout performer in
STRI sports turf trials

Perfect for all levels of sports
fields and golf courses

TifTuf has a beautiful deep green
colour and soft, fine leaf

TifTuf Hybrid Bermuda is the product of over 25 years of research and development by one of the world's leading turfgrass breeders, the University of Georgia. TifTuf is a sterile hybrid warm-season Bermuda (Couch) Grass that has experienced a considerable expansion in Australia in recent years and is a great option for sports fields, school playing fields, public spaces, fairways and tees.

The name says it all – TifTuf is tough! This variety has a very fine leaf blade with dense growth, making it ideal for all levels of sports fields, golf courses and public spaces, from community ovals up to professional stadiums and golf courses. Its strong lateral growth and ability to self-repair make it the perfect choice for high-wear areas.

TifTuf planted at Flow State, South Bank QLD



TIFTUF IS THE PERFECT CHOICE FOR YOUR NEXT COMMERCIAL TURF PROJECT

TifTuf Hybrid Bermuda has been scientifically forged to produce a great-looking, all-round sports turf with superior qualities while requiring minimal inputs.

TifTuf has shown superior qualities to that of more than 30,000 different varieties. It is an absolute stand-out when it comes to not just Couch grasses, but all grasses. With superior qualities in drought tolerance, shade tolerance, wear tolerance and winter colour while at the same time maintaining excellent turf quality.

Outstanding Wear Tolerance

Dense surface growth and rapid regrowth after disturbance make TifTuf superior to other couch varieties regarding wear tolerance.

Requires Very Low inputs

It has one of the lowest fertiliser requirements of any couch turf and only requires 1/5th of the nitrogen of common couch grasses.

Improved Shade Tolerance Among Couch Grasses

Couch grasses are not generally renowned for being shade-tolerant, but TifTuf has been growing in areas of low light where other couch grasses would not survive.

Stays Greener for Longer

TifTuf stays greener longer, not only under drought stress but, due to its greater cold tolerance, during the transition times of spring and autumn.

TifTuf planted at West Mitchelton RLFC Club, Mitchelton QLD



WORLD'S BEST FOR DROUGHT TOLERANCE

TifTuf Hybrid Bermuda has become the new benchmark for measuring the drought tolerance of turf, being bred to stand up to drought conditions and save water. TifTuf has received certification and is the first and only turfgrass to ever receive the Smart Approved WaterMark in Australia (excluding WA and NT) for its water-saving qualities.



TifTuf instead has a dense and extensive fibrous root system that extends down into the soil with much greater efficiency reaching more water with less expended energy.

TifTuf has been proven to remain healthy and vigorous with a fraction of the usual irrigation needed to keep other couches at the same level of appearance and performance.

TifTuf was selected for its superior drought and wear tolerance while consistently

maintaining excellent turf quality. Testing has shown that TifTuf uses 38% less water than similar couches while maintaining better turf quality.

Out of the three mechanisms for drought tolerance, which are avoidance of drought by growing deeper roots, escape of drought by going dormant, and tolerance of drought, which is a physiologically adaptive mechanism, TifTuf tolerates drought because it simply uses less water due to physiological adjustments during times of drought.

TifTuf is a beautiful grass that has many assets, chief of them is its drought tolerance which will allow sports field managers to conserve water.

Because TifTuf maintains acceptable quality longer during a drought, fewer irrigation "events" will be needed, resulting in greater water savings over time.

TifTuf planted at Sydney Opera House, Sydney NSW



TIFTUF IS AUSTRALIA'S BEST COUCH GRASS PROVEN BY INDEPENDENT TESTING & TRIALS



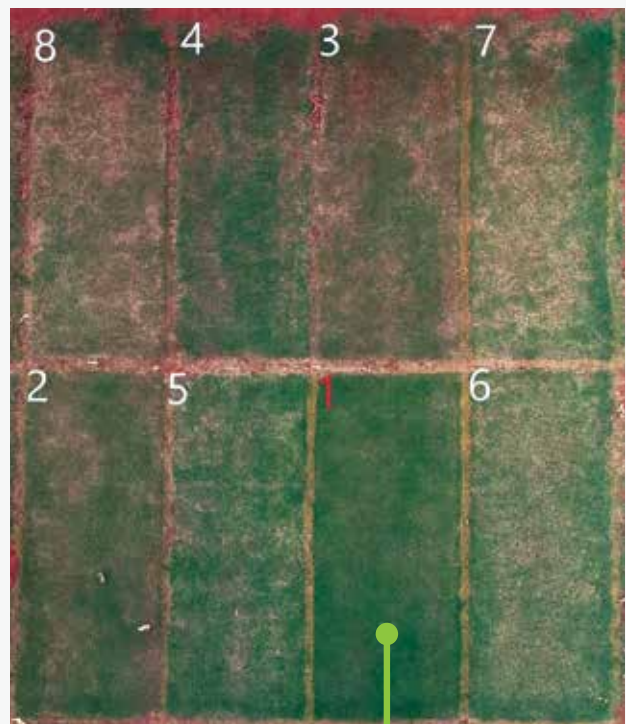
The Sports Turf Research Institute (STRI) conducts world-leading testing and research for developing innovative techniques and products to

improve turfgrass and sports surfaces.

TifTuf was recently a part of the Sports Turf Research Institute's (STRI) 2-year trial analysing the performance of couch grasses under different shade, wear and drought treatments. TifTuf was one of 8 couch grasses tested and was the best performer consistently across all conducted trials in the shade, wear and drought tolerance. This is one of the most extensive sports turf trials ever conducted in Australia, and such strong performance results highlight how TifTuf can outperform other varieties in the sports turf market.

TifTuf Hybrid Bermuda was a clear stand-out performer in this trial outperforming all other available couch grasses, proving TifTuf to be the best couch grass available in Australia.

TifTuf had superior turf cover (thickness and growth) over the duration of the trial compared to all other grasses trialled. TifTuf also scored the highest NDVI (normalised difference vegetation index) which is a measure of turf quality and appearance.



This was not a surprise to those who have been studying this grass for the best part of three decades. TifTuf has been trialled in the National Turf Evaluation Program (NTEP) in the US, where TifTuf was in the top 25% performing couch grasses for overall quality over 90% of the time.

TifTuf planted at The Boat Works, Gold Coast QLD



TIFTUF HYBRID BERMUDA IS AN AUSGAP CERTIFIED TURF VARIETY



AusGAP Certification - The Australian Turf Genetic Assurance Program has been adopted by the country's leading turfgrass producers to provide you with the assurance that their turf adheres to a stringent set of quality standards.

A major part of the AusGAP program is the assurance that the turf that is delivered is a pure product. AusGAP certified products will be visually free of any weeds or pest and disease damage and will live up to the claims made on the product warranties that accompany every delivery of AusGAP certified turf.

All new plantings are to be declared and a pre-plant inspection form must be filled and returned to prove that the land has had sufficient treatment to ensure there are no weeds or foreign grasses remaining in the paddock prior to planting.

This is especially important in the case of TifTuf as the grass has been expanded from a single plant that has grown out over several years to now be the best-selling grass in the United States. Growers are subject to bi-annual on-farm inspections to ensure that all production standards are up to AusGAP certification protocols, and all areas of the farm are being managed in an environmentally sustainable way.

All TifTuf is certified by AusGAP to maintain purity and integrity. There are no other new or existing hybrid couch grass varieties protected with this certification. With the superior traits of these new varieties being paramount, maintaining genetic purity is of the utmost importance. When you choose TifTuf, you can be assured you are receiving the genetically pure turf variety that possesses the superior traits that resulted in its selection above all others.

A Turf Farmer's perspective:

"Lilydale Instant Lawn were fortunate to have been given a trial sample of TifTuf when it first arrived in Australia in 2016. From the very first winter we identified that this was no ordinary couch due to its amazing Winter colour retention but it has just continued to amaze us since then.

While talking to a tennis court grounds manager about the new grass he insisted that he try some on baselines so on 24 August 2017 the first commercial installation took place with 20 square metres being shipped from the mother stock in Qld and installed on a base line. The Americans we spoke to didn't think it would like the 3mm mowing height but TifTuf has dominated and the club is now changing over all their courts to TifTuf over the coming years due to its exceptional wearing

ability and true surface produced at very low heights. The club has gone from annual baseline replacement of around 3000 square metres to less than 100 per annum!

The draw card to date has been the Winter colour retention and extreme wearability in situations such as tennis baselines, cricket wickets and goal squares however we are also seeing customers gravitating to the drought tolerance capabilities, even though it is very wet today we know the next drought is coming and this grass IS the solution to have premium surfaces that can take wear, present very well year round and save a lot of water in the Victorian market."

-Steve Cole, Lilydale Instant Lawn, VIC



TIFTUF AT DOLPHIN STADIUM, HOME OF THE DOLPHINS NRL TEAM

"The right grass is paramount when you imagine the traffic the playing area has to cope with. This amount of usage is probably more than some of the major stadiums around the country at the moment, but we are enjoying the challenges presented when running a multi-use venue."

When it comes to sports of all kinds the right grass is paramount when you imagine the traffic the playing area must cope with. Moreton Daily Stadium in Redcliffe, Queensland was the first solid turfed TifTuf sports field in Australia. The stadium hosts many sports and is the home of the recently added 17th NRL franchise the Dolphins Rugby League Football Club. The stadium also hosts a soccer team, the Brisbane Roar FC, which competes in the A-League.

"The feedback from the Roar and the FFA has always been very positive," said Redcliffe

Dolphins General Manager of Football Operations Grant Cleal.

"The players love the venue and love the TifTuf playing surface also."

"We also have some great support and advice from our suppliers in Lawn Solutions Australia and Twin View Turf to name just a few. Their guidance, along with the quality turf that we planted has helped us enormously", said Cleal.



TIFTUF AT NEW 'SUPER SCHOOL' WHYALLA SECONDARY COLLEGE

"The water saving qualities of TifTuf was the biggest factor in its selection, with Whyalla known as a dry area with low rainfall. Sustainability was of utmost importance."

Whyalla is positioned at the gateway of the Eyre Peninsula and is surrounded by beautiful beaches. Its unique temperatures see warm summers and cold winters with low rainfall.

50,000m² TifTuf was installed at the new state-of-the-art secondary school in total across two soccer ovals, one AFL Oval and the building surrounds. The water-saving qualities of TifTuf was the biggest factor in its selection, with Whyalla known as a dry area with low rainfall. Sustainability was of utmost importance.

Lawn Solutions Australia Member Sunnyside Instant Lawn supplied the TifTuf and worked together with both Sarah Constructions and landscaping contractor Outside Ideas on-site.

With the help of Lawn Solutions Australia and AusGAP (Australia's leading turf certification program), drawing from the data and information on the qualities that TifTuf possesses, Owner Andrew from Sunnyside Instant Lawn was able to inform Terry Kildea, Sarah Constructions Site Manager, that TifTuf was the best option for the new Whyalla Secondary College.

The established TifTuf at the Whyalla Secondary College is that of the "Mercedes-Benz" of turf and has not only created elite surfaces, but a water-efficient, sustainable playing surface for the future of the students and Whyalla Secondary School.



TIFTUF AT THE SPIRITUAL HOME OF AUSTRALIAN TENNIS, KOORYONG LAWN TENNIS CLUB

"One of the most interesting sights was the court area immediately in front of the clubhouse. This heavily shaded area had struggled for close to a century, yet the new area of TifTuf, which has been in for two years, looked amazing and still had full cover."

The All-England Lawn Tennis and Croquet Club (Wimbledon) conducts warm-season turf trials including TifTuf Hybrid Bermuda here in Australia. Sixty-six grass varieties were selected for the trials, with the view to playing high-standard lawn tennis at warm season locations across the world.

After the evaluation, mainly for wear and recovery, which simulated real-time competition tennis, four grass varieties were selected for further trials - one of which was TifTuf Hybrid Bermuda.

Kooyong Lawn Tennis Club's grounds, which include 26 grass courts, are in inner-city Melbourne, Victoria. As part of these trials, Kooyong was the first in the world to use

TifTuf on their tennis courts. The performance of the new baseline turf areas has stood out immensely. Over recent years, rather than being the usual worn-out dirt areas, the durable TifTuf surfaces have remained and provided full cover.

Head groundsman of the All-England Club Neil Stubbley said the conditions of the new courts at Kooyong were amazing and a testament to the staff and the club itself. He said the way they had adapted and learnt to grow the world-first TifTuf tennis courts was a credit to all of those involved.



TIFTUF AT HOME ON THE GREENS OF WEST WYALONG GOLF COURSE

"All Outside Landscaping commented that "It was incredible how quickly it stitched together, laid down strong roots and how evenly it grew. Within months, it was a playable surface."

West Wyalong Services and Citizens' Sports Club includes an 18-hole grass greens course. The 100-plus-year-old course is just a few minute's drive from West Wyalong in NSW just off the Newell Highway.

The latest phase of course reconstruction saw 18 new greens and tees as well as the practice green installed by turf supplier Rivturf using TifTuf Hybrid Bermuda.

Following damage to some of the greens and tees, the small western New South Wales golf club was looking for an upgrade that would be easy to maintain and considered the region's lack of water to irrigate thanks to Australia's recent drought. The new grass also needed to incur lower costs for fertilisers and chemicals that had been required to keep the Bent grass at required playability.

Local Lawn Solutions Australia Member Rivturf were contacted, and they introduced the managers and greenkeeping staff to

TifTuf Hybrid Bermuda. With TifTuf being the only turfgrass to ever receive the Smart Approved WaterMark in Australia – it was a perfect fit.

The fairways at the course are currently Kikuyu, which with West Wyalong being a drought-prone area has presented issues with irrigation. Josh from All Outside Landscaping who conducts the maintenance on the course said the main difference as far as maintenance goes between the TifTuf greens and tees and the Kikuyu fairways, is water use.

"The ability of the TifTuf to hold colour and density without water is far superior to the Kikuyu fairways. Obviously, it also tolerates being regularly cut lower than Kikuyu as well."



TIFTUF ENTRY FOR THE CITY OF BUSSELTON

“The success has now led Busselton Council to look at other opportunities within the region where they can utilise TifTuf to replace existing ground covers for a natural green environment with ease of maintenance and the saving in water use.”

The City of Busselton in Western Australia was looking for a way to improve the new diversion entry statement to the city. The road realignment and construction work were carried out with an emphasis on making the entrance to Busselton something special for everybody who drives into the town.

The entry statement consisted of a mix of the native couch and Kikuyu and looked unsightly. After a consultation process with council staff and local Lawn Solutions Australia Member Down South Turf, where turfing options were discussed, it was decided to use TifTuf Hybrid Bermuda.

The reasons for this choice were simple – green colour year-round, low cost in maintenance, drought tolerance and speed of establishment.

The success has now led Busselton Council to look at other opportunities within the region where they can utilise TifTuf to replace existing ground covers for a natural green environment with ease of maintenance and its water-saving features.

TifTuf is proving to be the preferred turfgrass for new ovals based on what the Council has seen with its performance at the entrance to the region. The Busselton entry statement is now incredibly inviting and showcases a natural green environment for the community.



TIFTUF A FEATURE AT MOUNT LOFTY HOUSE ESTATE

"Mr Tonkin has been particularly pleased with the amazing water usage in maintaining the TifTuf. Or as he puts it rather the 'lack of water usage' that the grass has shown."

Mount Lofty House in Crafers South Australia was built back in 1852 by Yorkshire-born lawyer Arthur Hardy. In 1986, the building was restored and was turned into a luxury boutique hotel. Lawn Solutions Australia Member Sunnyside Instant Lawn began working with Mount Lofty House in 2019.

Guest Relations Manager at Mount Lofty David Tonkin and Sunnyside Instant Lawn discussed the best turf solutions for new and existing areas of the estate. These areas include the Mount Lofty fire track which leads to the helicopter pad surrounding the property, the newly built Sequoia Villas, along with other areas that needed repair. It was important these grassed areas would provide an aesthetically pleasing and welcoming place for guests to walk.

The water requirements for the turf to be selected for these areas needed to be minimal with limited water accessibility to

the estate. "Water management is a critical aspect of our business as we do not have mains access and therefore rely solely on our spring-fed water. Our spring supplies the entire estate." Mr Tonkin explained.

Sunnyside recommended the grass TifTuf Hybrid Bermuda, a couch grass, for its water-saving characteristics. TifTuf would provide grass that could handle a lot of wear and foot traffic but would also withstand extended periods without irrigation when necessary.

The finished result has provided a spectacular unity between the natural living areas and the Mount Lofty Facilities. Mr Tonkin has been particularly pleased with the amazing water usage in maintaining the TifTuf. Or as he puts it rather the 'lack of water usage' that the grass has shown.

TifTuf planted at Campbelltown Sports Stadium, Campbelltown NSW





LESS WORK
MORE PLAY



AUSTRALIA'S #1
COUCH GRASS



**Proven drought tolerance,
speedy recovery and toughness**

TifTuf is *the* smart grass

Performance of bermudagrass cultivars under different shade, irrigation,
and wear treatments. AU106983 May 2020 STRI Research

Exclusively available from





The name says it all – TifTuf is tough! This variety has a very fine leaf blade with dense growth, making it ideal for all levels of sports fields, golf courses and public spaces, from community ovals up to professional stadiums and golf courses. Its strong lateral growth and ability to self-repair make it the perfect choice for high-wear areas.



Featured at:

- Campbelltown Stadium
- Redcliffe Stadium
- West Wyalong Golf Course
- Whyalla Secondary College
- Kooyong Lawn Tennis Club



Outstanding Wear Tolerance

Dense surface growth and rapid regrowth after disturbance make TifTuf superior to other couch varieties regarding wear tolerance.

Requires Very Low inputs

It has one of the lowest fertiliser requirements of any couch turf and only requires 1/5th of the nitrogen of common couch grasses.

Improved Shade Tolerance Among Couch Grasses

Couch grasses are not generally renowned for being shade-tolerant, but TifTuf has been growing in areas of low light where other couch grasses would not survive.

Stays Greener for Longer

TifTuf stays greener longer, not only under drought stress but, due to its greater cold tolerance, during the transition times of spring and autumn.



**TifTuf Hybrid Bermuda is
exclusively available in
Australia through the Lawn
Solutions Australia national
network of turf suppliers.**

**For project enquiries, please
contact the Lawn Solutions
Australia Head Office on
1300 883 711.**



1300 883 711

lawnsolutionsaustralia.com.au