

OFFICIAL PUBLICATION OF THE NSW BOWLING GREENKEEPERS' ASSOCIATION



THE BOWLING GREENKEEPER

MARCH 2019

VOLUME 74 NO 73

Return to Ballina for State Champs Week this May



Register now for this great week of bowls and industry mateship from May 5 - 10
at Ballina RSL Bowling Club

ALSO IN THIS ISSUE

Peter E. McMaugh AM. B.Sc. Agr. FAIAST awarded Order of Australia

News from the ACT, Mid North Coast and Northern Rivers

Membership Renewal 2019

Rep's Report & More

"Bowling Club Shade Specialist"

Since 1990

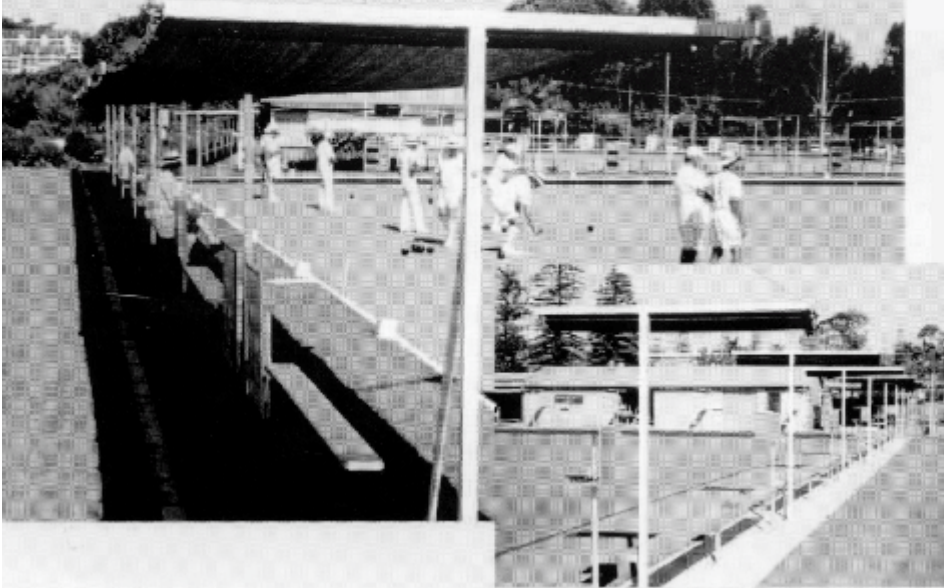
Shadex

INDUSTRIES PTY LTD

SYDNEY GOLD COAST

Tel: (07) 5574 5911

Mob: 0418 383 443



"SHADEAWAY 2000"

Retractable Shade System now features stainless steel and poly carbonate components to prevent premature rusting. A standard run of 7 independently operated sections (one per rink) can be extended or retracted with ease in a few minutes. FROM \$4,594+GST

Professionally Designed for Bowls Clubs



"FLIPTOP"

Featuring long and short sides which can be reversed to maximise shade or reduce shading on the greens. **\$730**
FROM \$730+GST



"SUNCHASER"

Retractable. This innovative shade unit is available in three versions. Double sided, single sided or a single sided retractable with short fold away rear canopy. Price **\$1175+GST**



"RIVIERA"

A non retractable version of the double sided SUNCHASER. Waterproof fabric. **\$710+GST**

For more information fill out this form and mail or fax to:

Shadex Industries

13 Export Dr Ernest Q 4214

Fax: (07) 5574 5922

Club Name:

Address:

Post Code:

Contact:

Telephone: ()

CONTENTS

Bowls Report	4
State Championships 2019	5
Secretary's Report	6
Around the Associations	8
Membership Renewal	13
Rep's Report	14
Peter E. McMaugh AM. B.Sc. Agr. FAIAST	16

The Bowling Greenkeeper

Published by:

The NSW Bowling Greenkeepers' Association
ABN: 36 390 545 887

Editor:

John Flaherty Ph: 0402 572 021
nswbga@gmail.com

NSWBGA

PO Box 791 Ashfield NSW 1800
www.nswbga.com.au

NSWBGA Committee

President:	Mick Woods	Ph: 0402 073 154
Secretary/Editor:	John Flaherty	Ph: 0402 572 021
Assistant Secretary:	Rod Crean	Ph: 0408 670 372
Treasurer:	Brent McCristal	Ph: 0416 858 236
Senior VP:	Simon Cooper	Ph: 0425 280 306
Junior VP:	Matt Keough	Ph: 0411 301 570
Bowls Secretary:	Brent Norman	Ph: 0415 897 573

Committee Members:	Sean Bellotti	Ph: 0412 425 900
	Adam Troth	Ph: 0400 158 874
	Ben Morthorpe	Ph: 0423 923 661

Advertising Rates

Reach more than 300 bowling greenkeepers in NSW and interstate in Queensland, the ACT and Victoria. All prices exclude GST.

	<i>New copy</i>	<i>Repeat</i>
Full page:	\$330.00	\$275.00
Half page:	\$236.50	\$192.50
Quarter page:	\$165.00	\$137.50

Contact the Editor to book your next advertisement in *The Bowling Greenkeeper*.

Front cover image courtesy Ballina Visitor Information Centre

RBN Light Weight Laser Levelling

Phone Alistair McArthur
Mobile: 0407 291 707

02 4940 8333 Tighes Hill NSW



Bowls Report with Brent Norman, Bowls Secretary



Firstly, hoping everyone has had a great renovation season.

As we go to print another Pennant season is upon us and I'm looking forward to seeing the greenies out enjoying their hard work and playing for their clubs.

Once again please send me through any championship results as it's great to cheer on and acknowledge any results amongst us. Heard on the grapevine Creany won his own day/night tournament at Lawson BC. Could this be Rod's year or a bigger surprise Parra's year?

The exciting news is our week at Ballina is coming up quick and entries are now open in the NSW State Greenkeepers titles for Singles and Pairs. The dates for the event are arrive Sunday 5th May and finish on Friday 10th May. Entries close Friday 19th April.

I'm encouraging guys to attend and spread the word. Let's make this the biggest and best yet.

I can be contacted by email bnorman@cabravale.com or 0437 175 133 to put your entries in. You can also nominate on our website www.nswbga.com.au.

I'm happy to take single entries and pairs as well and match you up with someone.

Suppliers of quality **Turf Care** products
to the **Sports Turf Industries**



Formerly known as **Scotts**



Sports Turf Line Marking
Equipment



Exclusive distributors of the world
renowned **Floratine** Products Group



Oxy-Rush
soil stimulant



The turf strength people

Shane Summerhayes	0425 280 300
Andy Stankovic	0425 280 301
Jan Kenney	0425 280 302
Jono McPhillips	0425 280 303
Cameron Arthur	0425 280 304
Paul Lierse	0425 280 305
Simon Cooper	0425 280 306
Damien Tucker	0402 735 887
Matthew Leach	0477 555 509

TURFCARE

www.turfcarens.com.au Phone: 02 9684 6611 Fax: 02 9684 6633 turfcare@bigpond.com.au



NSW Bowling Greenkeepers

State Championship Bowls Week 2019

Sunday 5th – Friday 10th May

Ballina RSL Bowling Club, Ballina NSW

Over \$3,000 prize-money on offer

- \$200 Registration for the week includes Bowls, lunch daily and 3 nights dinner
- Singles and Pairs to be played (Single entries can be found a Pairs partner if required)
- Winners eligible to represent NSW at Australian Federation Week 2020
- Plate tournament to be played for first round losers with \$500+ on offer
- Must be a financial member of the NSWBGA (if not \$50 to be paid)
- State uniform must be worn (uniforms available to be purchased from Simon Cooper 0425 280 306)
- Nominations are to be made to Brent Norman – on 0415 897 573 nominations close **Friday 19th April 2019**
- Draw for both Singles and Pairs will be done at 3pm on Wednesday 24th April at Cabra-Vale Diggers Club
- For more information and updates visit www.nswbga.com.au

Support your Association and be a part of this great week at Ballina!

SportsGrass Solutions

Specialising in Bowling
Greens, Golf Courses,
Cricket Wickets, Ovals
& Tennis Courts



- PRECISION LASER
LEVELLING
- AERATION



Using Verdi Drain, Coremaster Extreme 8, Coremaster 12,
Shattermaster & John Deere Aerocore 800 Walk Behind

- SHAVING

Blade, Winston Suttle, Tractor Mounted & Mini Skidsteer Clean Up

- SCARIFYING

Tractor Mounted With Or Without Hydraulic Catcher

- TRACTOR MOUNTED TOP DRESSER
- REGRASSING OPTIONS

Turf Cutting, Rotary Hoe, Fertilizer Spreading & Top Off With Skidsteer
& Tipper

JASON JONES 0422 869 811

WARREN JONES 0413 288 777

sportsgrasssolutions@gmail.com

All Types Of Renovations Up To Major Reconstructions

Secretary's Report with John Flaherty

Living Turf Greenkeeper of the Year 2019

Nominations are now open for the Living Turf Greenkeeper of the Year, our industry's premier award for greenkeeping and contribution to the industry. Nominees must be financial members of the NSWBGA.

Selection criteria include:

1. Greens: Good grass cover and quality of surface.
2. Surrounds: Weed free, ashtrays, seats, painted clean and tidy.
3. Machinery: Serviced and stored ready for use.
4. Tool shed: All tools maintained in good condition.
5. Chemicals: Storage and awareness of environmental programs.
6. Diary: Daily updates of all job details and weather conditions.
7. Professional approach: Contribution to the community.

A cash prize is donated by our industry partner, Living Turf. The NSWBGA thanks Living Turf for their ongoing support of this award. Visit nswbga.com.au to complete the nomination form for a fellow greenkeeper or email nswbga@gmail.com and demonstrate how your nominee meets this criteria.

NSWBGA Conference 2019

Our State Conference will return to Bankstown Sports on 17-18 June this year. Save the date and contact us at nswbga@gmail.com if you are interested in sponsorship opportunities. We had a record number of sponsors last year and it's great to have such support from our industry. Keep an eye on the website at nswbga.com.au for speakers and this year's program.

P J C
Sportsturf
02 9824 0811
The Cutting Edge

Jason Stig
0419 432 699

Simon Lawrance
0400 719 411

Precision Grinding that's second to none



- Adama
- Alternate Growing Solutions
- Bayer
- Campbells Chemicals
- Cylinder Grinding
- Fountain Linemarking
- Natrakelp Soil Conditioners
- PGG Wrightson Seeds
- Soil & Water Testing
- Syngenta
- Turf Culture

A PROUD AUSTRALIAN FAMILY OWNED AND MANAGED COMPANY
www.pjcsportsturf.com.au

Around the Associations

Mid North Coast with Danny Knight

I know we are not alone in saying that this has been one of the toughest Summers in our working lives. We normally claim to live in the best climate going but zero rainfall from mid-December until late February has tested us all... I must say we are still better off than many of our rural friends and our thoughts are with you.

We can generally rely on a summer storm to relieve the pressure and flush the soil but this year has certainly been an education. Most clubs use either bore or reclaimed water to irrigate and are not set up to treat irrigation water with filters/injectors as there is generally no need due to our rainfall.

A common theme this year has been renovated greens struggling to close over due to the increased levels of salts and bicarbonates taking the place of beneficial elements in the soil. The tardy growth has also increased the effects of pests such as mites.

In these times we are finding out from our western buddies the benefits of calcium to help flush the nasties and protect the plant against disease infection.

The other problem has been the effectiveness of wetting agents and the increased regularity they have to be applied due to the increase in irrigation frequency and the reduced water quality.

Thankfully rain arrived late February so hopefully the late season growth will see greens in suitable condition for the start of the pennant season.

The ground pearl has been less prevalent this year, hopefully due to the use of systemic insecticides such as Merit combined with the use of granulars such as Bifenthrin and Chlorpyrophos. Very few have been sighted on the surface.

LAWFORD ENGINEERING

We supply & manufacture

- Pre- cast Concrete Ditch walls
- Galvanised Steel Plinth
- Capping
- Rubber Insertion
- Line Markers
- Timing Ramps



78 Queen St Rochester Vic 3561 • E: sales@lawfordengineering.com.au
Kim 0429 845 346 • Peter 0418 505 557 • www.lawfordengineering.com.au

Mark Wilcher (South West Rocks) has lost the services of his long-time offsider Nathan Moore. Nathan has been with Mark for 15 years and has been a valued member of the club and also our association. His work ethic and sense of humour will not be forgotten. Nathan is moving on to begin work with a maintenance company. We wish him all the best in his new endeavour.

Mark is counting the days until his new apprentice begins late March. He is realising now how much of the physical load Nathan carried which is taking its toll on his ageing body.

A few clubs have reported the emergence of 'fairy ring' and have been treating with various fungicides. All are on the front foot with their ERI program after the damage caused last year. It was interesting reading Dr Percy Wong's article in the latest 'Australian Turf Management' magazine about how much more research is required and how symptoms vary so much throughout our country. It is concerning as a Greenkeeper how much we don't know about these root/stolon diseases.

Another area of concern which we never used to have to worry about is the availability of quality (and Pearl free) sand. Over the years the pits that have shut down have not been replaced due to the environmental difficulties in gaining licenses. Unfortunately we are such a small industry in the scheme of things that it is not financially viable for the pits that remain to upgrade their screening systems to reach the standard we require. The quality can be quite variable from load to load.

In searching for a solution Craig Hayfield (Kempsey RSL) contacted Tom Parker from Elite Sands who was kind enough to attend the recent meeting at Stuart's Point. He brought with him samples of his various blends and also offered flexibility in purchasing loads. The boys were very impressed with the quality of the blends.



Matthew Keough Hydroject

Perfect for soil decompaction any time of year

Based in Sydney, call 0411 301 570

My top green that I re-grassed last year is back in play but not until after a couple of undesirable episodes. All was going well for a mid-December top dress when it started going off. I thought I had all preventatives in place but soon learned the difference between control and knock down when it came to mites. The treatments I put on were not strong enough and the knock down was out of date. In just a couple of days waiting for chemical to arrive the green went from looking a bit hungry to looking almost dead (as the picture shows). As soon as the new chemical arrived and was applied, a knock down and a systemic, the green returned to life. The numbers just exploded in a short time and the weather made the new turf susceptible.



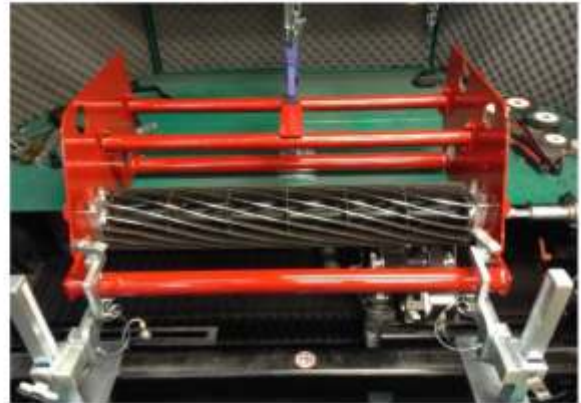
The same symptoms began showing up in mid-January, the turf looking hungry and weak. I doubted it could be mites again and after a quick call around learned that three of the local golf clubs had Pythium in their newer greens.

It looks like the Mid North Coast boys may have half a dozen reps at Ballina in May, an event we are all looking forward to. Hopefully we will see some new faces there for the friendship and frivolity.

A couple of fungicides and it returned to health but both outbreaks certainly sent a scare through the camp!

Good luck to everyone preparing surfaces for the upcoming season.

CETE SOLUTIONS PTY LTD TRADING AS



" THE QUALITY IS IN THE CUT "

- Cylinder Grinding Service
- Repair and Maintenance of all Cylinder Mowers
- Repair and Maintenance of Rollers and Implements
- Prompt Turn-around
- Spare Parts
- Pickup and Delivery Service

Cameron Petrie

0402 773 789

Darby Muller

0417 764 249

Workshop (02) 8735 7205

Unit 3 / 10 Helles Avenue, Moorebank NSW 2170

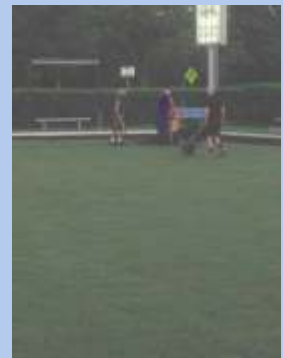
ACT with Peter Watts



More records broken in the area with a very hot January with six consecutive days over 40 degrees backed up with hot humid nights, throw in a couple of big storms and sit back and watch the white helmo form every where. Queanbean RSL, Queanbean and Norths have been very busy with regrassing greens and the hard work is starting to pay off as you can see this photo from the RSL with Wade and Hemi showing off what looks to be one of the best looking greens going around. 10 days and counting before the reopening of this great looking green.



Canberra Norths (RUC) have also been hard at it redoing their number one green with Greenlees park couch. There was a rouge grass taking over and with the high traffic of barefoot bowlers constantly bashing the green- it was definitely deserving of a face lift. The process was as follows:



*Pictured left to right:
Killing existing grass
Cleaning up
Laser level
Spreading of the sprigs
Coring them in
Top dress
Another top dress
All the boys from our association lend a hand and admire the great work.*



Northern Rivers with Duncan Elphick

After the hottest, driest summer on record you could excuse all of us for being a bit flustered, battered and bonkers. We on the North Coast are not as accustomed as those West of the Divide to such conditions.

Our area is a relatively high rainfall area with Mother Nature often helping out. After a very warm and dry December, January and February have almost no rainfall. Ballina for example has average rainfall of 167mm for January compared to the 2.4mm recorded 2019 ...for those Bowling Greenkeepers across NSW whose experience with drought is an ongoing challenge, I tip my hat. We are lucky enough in this area to be able to press a few buttons or move a few pipes and turn a tap for relief.

At our recent meeting in Kyogle we discussed the season and the challenges its brought. It was pleasing to hear those of us who are battling with Ground Pearl have unanimously had beneficial results in spite of the climate.

Deterrence or control but not eradication seems to be best result from the majority, but coverage in affected areas seems much stronger this season across the board. Products that have been utilised for control are Bifenthrin, Merridian, White Oil, and some have used a food grade dust insecticide called Absorba-cide with the same results. Hydrogen peroxide-based soil amendments are also in the mix with encouraging results.

Around the clubs in our area:

Kyogle, Garry Landrigan

The lack of a suitable irrigation system has restricted the cultural routines Garry can carry out. The two pub, one Golfy, one Bowlo town is the gateway to the rainforests of North East NSW. Gaz could do with some of that rainfall.

Byron Bay, Elfco Greenkeeping

Both greens had pretty similar renovations. Very traditional and boring.... scarify, aerate and two rub ins. Nothing too funky going on here but great results recorded on front green. Back green carrying many lesions unfortunately. Early visuals look similar to a 'leopard spot' kind of appearance. I'm hoping it doesn't mature into something more sinister. All those disease prevention practices boasted about in earlier reports not going so well here...

South Lismore, Patrick Nichols

Reno practices carried out on two of three greens. No more Fairy Ring to report on! Front green brilliantly presented boasting a very fine textured coverage with little to no imperfections.

Mite still creating a few issues on the surface that was not renovated. Third green about to come back into play also looks very uniform and proves Patty's continuity sets the standard for fast true running greens in our area.

Lismore City, John Sheean

An increased emphasis on maintaining a stronger, more healthy sward, and keeping soil moisture levels higher to help young plant in areas of mass infestation of Ground Pearl, has helped improve playing conditions. Turf coverage has improved immensely but an ongoing effort will be required so conditions don't regress.

Casino, Mick Murphy

Plugging has taken place in areas affected by Ground Pearl. Absorba-cide a food grade organic insecticide dust has been applied to affected areas with mixed results. The club has one synthetic and one tiff green and play division 1 pennants. It would be great to see the TiffDwarf green preferred over the synthetic for the upcoming season.

Ballina RSL, Elfco Greenkeeping

Gearing up for NSWBGA State Championship week in May. Two of the three greens have been subjected to reasonably severe dethatching followed by topdressing x 2.

A severe weather cell ripped through the site on December 21, toppling a couple of light towers. Luckily the dog and Greenstaff were home at the time and they fell away from people and property...still waiting for the smashed windows and fallen towers to be cleaned up! Hopefully before May 6? We still have one green under lights if required. Looking forward to catching up with everyone for some very competitive bowls and a few social beers. Make the effort, you won't be disappointed!



See you all soon
Dunc.

Rep's Report

MIKE DARLINGTON, LIVING TURF

TEL: 0407 100 606 mdarlington@livingturf.com



In my last report, I wrote about the awful start to the renovation season and hoping for a big improvement, bloody hell, did we have some improvement.

This summer has been extreme, constant high temperatures with some ridiculous days. The greens have really kicked on and if enough water was applied, they were thriving. As is the case though, some greens were under heat stress for a while. These conditions led to a very high mite activity, which has been difficult to control. Ground pearl once again has been a big problem.

Quite a few clubs have regrassed greens this season, all being tiff dwarf except South Cronulla where Phil Burns, the greenkeeper, shaved the greenlees, stockpiled it, then took 100ml off and regrassed with the shavings. I think probably the only greenlees to be planted in a long time.

Two greenkeepers will be hoping this weather continues, Brent McCristal at Chatswood Bowling Club put a tiffy in mid-February and Brent Norman at Cabravale Diggers is getting two new greens built on a different site at the club and is hoping to grass a week or so, which is going to be late February. Hope all goes well.

Wayne Vardy is making good progress from his accident. He is out of hospital and hoping to get back to work. Luke, Wayne's assistant has done a great job renovating and regrassing a green.

Pennants are nearly upon us, so good luck at this time and enjoy a much deserved holiday in the near future.

SUPERGRASSE

DITCH WALLS: Protects coloured bowls

With the ever increasing popularity of coloured bowls together with their cost, clubs need to be aware of their responsibility to protect their members bowls. Using a soft long pile (19 mm) the product gives a cushion effect and will not show ding marks as a result of hard drives. The Supergrasse ditch walls gives a natural turf appearance without the maintenance and ensures bowl protection. We can supply only or do the whole job for you. There is a 5 year manufacturer's warranty.

GREAT VALUE!

NEW ERA RINK SCOREBOARD

Many of the features, lightweight, zinc plated and white powder coated ensures their resistance to rust. Together with the visible numbers, income producing advertisers panel and a two year warranty represents great value with their competitive pricing.

REPLACEMENT SCOREBOARD NUMBERS

The heavy duty numbers will fit most older boards. The size of the numbers measure 100mm x 150mm with hole centres 72mm apart.

GREENMASTER BOWLS MAT

The greenmaster Bowls mat is a high-tec multi-layered performance mat with superior non-skid, non-slip surfaces.



Rink
PROMOTIONS

P 0418 411 245
E rinkpro@bigpond.com



30 YEARS AROUND THE GREENS

www.rinkpromotions.com.au

Next Level Performance in Turf Nutrition

MATCHplay® Superior Liquids



MATCHplay Superior Liquids range brings together researched nutrition technologies in unique formulations.

- Protein Nitrogen – slow release nitrogen with no risk of leaf burn.
- VAM – beneficial soil inhabiting mycorrhizal fungi that colonise the turf roots and assists with nutrient and water uptake.
- VM3 Organic Technology – stress management with a blend of humates, kelp, amino acids and plant stimulants specifically designed for turf.

Using MATCHplay's Superior Liquids in a nutrition program combines balanced nutrition with modern technologies in biological plant health to promote stronger, healthier turf.

Scan for more
information



Peter E. McMaugh AM. B.Sc. Agr. FAIAST

Written by Gary W. Beehag and John Odell

Peter E. McMaugh who resides in Sydney has recently been awarded The Order of Australia at the level of Member of the Order (AM) for his services to the Australian turfgrass industry. The Order of Australia celebrates and recognises Australian citizens who have made outstanding and significant contributions to the Australian way of life. Peter has had an unequalled and dedicated career in the Australian amenity horticulture and turfgrass industry spanning over five decades and continues to do so.

Peter graduated with a Bachelor of Science in Agriculture (B.Sc.Agr) in 1964 from the University of Sydney. His passion for botany and plant science enabled Peter to have the distinction of being the first person in Australia with an agricultural degree to be appointed on a permanent full-time basis as a consultant/researcher in the turfgrass industry. In 1964 Peter was employed by the now-defunct Grass Research Bureau/Australian Turfgrass Research Institute and was its director from 1975-1978. Peter's unremitting quest for knowledge for all things turfgrass and his acute understanding and practical application of plant science and physiology of grasses became unequalled in Australia and later recognised overseas. In 1979, Peter established his consulting company Turfgrass Scientific Services Pty Limited.



Pictured: Peter McMaugh with Greening China award.

Memberships and awards

Peter has amassed a multitude of professional memberships and awards.

- 1970 Member of the Weed Society of NSW
- 1973 Joined International Turfgrass Society (ITS), served on Board of Directors (1985 -2000)
Nominated President (1993-1997) for 8th ITS Conference (University of Sydney).
- 1981-83 Board member of Musser Foundation (USA)
- 1983 Co-organised the Turf Growers Association of New South Wales and elected president in 1985
- 2000 Recipient of the Australian Sports Medal,
Recipient of Distinguished Service Award from Australian Golf Course Superintendents Association (AGCSA)
- 2002-2005 Foundation Board Member of Turf Producers Australia (TPA)
- 2003 Recipient of Life Member of Turf Growers Association of New South Wales
- 2004 Recipient of Honorary Member of Turf Producers International (TPI)
- 2005 Recipient of Life Member of New South Wales Golf Course Superintendents Association (NSWGCSA)
Fellow of the Australian Institute of Agricultural Sciences and Technology
Recipient of Greening China Award (Honoured at a state lunch in Western provinces in China for contributions for assistance during the 1990s to set up turf farms in Tianjin (China)
- 2009 Recipient of Graham Gregory Award for excellence in horticulture (Horticulture Australia Limited). First person in Australian turfgrass industry to be given this prestigious award.
- 2010 Initiated the Peter McMaugh Scholarship with New South Wales Golf Course Superintendents Association (NSWGCSA) to cover tuition and expenses during the first year for successful candidates enrolled in the Master of Agriculture (Turf Management) at the University of Sydney Sydney.
- 2013 Recipient of Medal Of Excellence. Weed Society of NSW
- 2014 Member of scientific panel – 3rd International Conference on Turfgrass Management & Science for Sports Fields. Brisbane, Qld. 17-24th August
- 2017 Awarded Turf Australia Hall of Fame membership

Peter is widely known throughout Australia and overseas as a turfgrass consultant, educator, researcher and turfgrass breeder. However, very few people are aware of his involvement in turfgrass technologies. Unquestionably recognised as Australia's foremost authority on turfgrass, Peter's life-long devotion of turfgrasses and their management has benefited so many people and organisations in the wider Australian turfgrass industry, not just cricket wicket curators, golf course superintendents and racecourse managers. For over forty years, Peter has been a notable often keynote speaker at numerous regional, state, national and international seminars and conferences.



Pictured: Peter McMaugh discussing mites at a seminar in Sydney in 2017.

Turfgrass educator and motivator

One of Peter's single, greatest legacies as a turfgrass educator was the exposure of the Australian turfgrass industry to notable, overseas turfgrass researchers and scientists by interacting and inviting them to speak at the national conferences in Australia. The results were two-way. Australian turfgrass managers benefited from a wider knowledge base and overseas persons engaged in the turfgrass industry recognised the worth of the Australian industry. The first person was the late Dr. JB Beard in 1973. Other eminent persons are Drs. Richard Smiley, Jim Watson, Jeff Krans, Joe Vargas, Henry Indyk, Arden Baltensperger (USA) and John Escritt (UK). Numerous other overseas persons continue the legacy to this day.

Of Peter's depth and breadth of the turfgrass literature, Dr. Jim Beard in 1988 at Perth made the comment "in Peter McMaugh you have here in Australia the only man I know who knows the turf literature as well as I do". Understanding the importance of turfgrass education, Peter over many years has devoted time as a member of the Advisory Committee of the then Hawkesbury Agricultural College now University of Western Sydney (Richmond) and member of the Advisory Committee of the Ryde School of Horticulture now Ryde TAFE (Sydney). He made a significant contribution with Mike Clune to reconstruction of the Greenkeeping syllabus. Peter was also involved in the post-graduate diploma/masters course taught by Professor Peter Martin of the University of Sydney

for which he was the external examiner 1994-2008. He has also been a guest speaker at the University of Queensland (Gatton).

In wanting to further empower Australians, Peter initiated the Peter McMaugh Scholarship in 2010 with New South Wales Golf Course Superintendents Association (NSWGCSA) to cover tuition and expenses during the first year for successful candidates enrolled in the Master of Agriculture (Turf Management) at the University of Sydney.

Turfgrass agronomist and consultant

As the consummate turfgrass consultant, Peter has been commissioned to consult on existing and new golf course, sportsground and racecourse projects throughout Australia and South East Asia. Over the years, Peter has been commissioned on numerous golf construction projects particularly during the boom decades of the 1980's and 1990's. Peter consulted directly to notable golf course architects such as Graham Marsh, Jack Nicklaus, Robert Trent Jones Jr, Pete Dye, Reece Jones, Peter Thomson and Michael Wolveridge Watson International and Michael Coate on golf course projects in Australia and throughout South East Asia. Among some of his golf projects included Shah Alam (Malaysia 1990) for the Sultan of Selangor and Tuanku Jaafar Country Club (Malaysia 1990) for the King of Malaysia.

Outside golf, Peter has further been involved in numerous elite sports and cricket grounds, polo fields and racecourses around Australia and in Singapore. He consulted to Consolidated press (the late Kerry Packer) on cricket wickets for the introduction of World Series Cricket at the then Sydney Showground (Sydney) in 1978. He originated the concept of drop-in wickets used everywhere today. Peter has also consulted to the Melbourne Cricket Ground (MCG) in 1981/82, North Sydney No. One Oval (Sydney) in 1984 (the first sand-based oval construction in Australia), Western Australian Cricket Association (WACA) cricket wicket re-construction and Homebush Stadium now branded ANZ Stadium (Sydney) in 1989 and the new Royal Agricultural Society Showground Arena.

Peter was also involved in the construction of Allianz and Parramatta Stadiums which are currently being rebuilt. Peter also grassed 7 polo fields for the late Kerry Packer at Ellerston. During recent years, Peter, has been consulting on turf matters at the National Stadium, Singapore.

Turfgrass author

Peter wrote two booklets. The first "Bowling Green Construction" (33p 1968) and the second co-authored with the late Vince Church "Golf Green Construction" (36p 1970). Peter as an author is listed in Jim Beard's mammoth publication "Turfgrass History and Literature" (2014). Over the decades, Peter has written a multitude of extension articles and scientific-based papers in Australian and overseas conference proceedings and journals including the International Turfgrass Society Research Journal. Others far too many to list.

Turfgrass developer and breeder

One of Peter's greatest passions is improved turfgrass varieties in recognising the potential benefits of Australian ecotypes of buffalo grass and couchgrass. Among the notable examples of Peter's involvement in the selection and subsequent commercialisation of turfgrasses are Greenlees Park (early 1970's), Wintergreen (1981), WindsorGreen (1993) and Sir Walter soft-leaf buffalo (1996). Collectively, these four varieties represent the most widely grown and successful turfgrasses on turf farms throughout Australia. WindsorGreen couchgrass was the first couchgrass cultivar in Australia to be developed and commercialised through Plant Breeders Rights (PBR). Peter has also been involved in assisting others in their development of other buffalo, couch and seashore paspalum varieties. Peter has been engaged since 1996 as a "Qualified Person" for PBR applications and continues to develop improved couchgrass varieties. During the 1980's and 1990's large quantities of his turfgrasses were exported to South East Asia and the Middle East.



Pictured: Peter discussing new turfgrass varieties at a seminar at Windsor.



Turfgrass technologist

Over the years Peter has been intimately involved in the design and development of several turfgrass industry technologies. It was during the early 1970's that Peter provided technical assistance to Frank Forrest of Melbourne then owner of the Ron Kaye-designed, ride-on motorised bowling green rollers.

Today, the Australian multiple-roller technology of bowling and golf green rollers is exported worldwide. He also introduced the "Verti-Drain" technology to the turf industry in Australia. Peter co-developed with the late Charles JP Smith the tractor-mounted "Level Lawn".

Peter during the 1980's independently developed a mechanical, row-planting unit and a horizontally-oriented, pressurised water-washing unit to produce washed sod. Today, numerous turfgrowers around Australia continue to benefit from further improvements of such technology. Peter was also involved in the development of a Eucalyptus/Leptospermum oil-based insecticide mixture. This mixture was subsequently registered as the first organic-based insecticide for turfgrass application in Australia.

Turfgrass producer and contractor

From 1974 to 2005 Peter owned and developed the 40ha Qualturf farm at Richmond (NSW) which grew his own turfgrass varieties. He served as honorary secretary for the NSW Turfgrowers Association for over 15 years and was primarily responsible from 1998 to 2001 in making submissions to NSW Water on behalf of the Association which ultimately saved the turf farmers water extraction rights on the Hawkesbury River. The race course industry has also benefited from his expertise in building and supervising horse racing tracks in Sydney, country NSW and Perth.

Turfgrass researcher

Peter's involvement in turfgrass research began way back in the late 1960's supervising research into plant-feeding nematodes in the Newcastle (NSW) region. In more recent years, Peter has been Team Leader in the investigation of the occurrence and

taxonomy of turfgrass mites in warm-season turfgrasses funded by Horticulture Australia Limited (HAL). This project was the first of its kind ever conducted on turfgrass in Australia. Peter's contributions to weed control saw him conduct efficacy trials for the introduction of the then new herbicides Endothal for winter grass control and Siduron for the control of couchgrass invasion into bentgrass putting greens. The ground breaking work on nut grass control earned him the NSW Weeds Society Medal of Excellence in 2013. Peter is currently engaged in developing new herbicide and insecticide mixtures to meet current industry needs.

The NSWBGA would like to congratulate Peter McMaugh on this incredible achievement and thank Gary W. Beehag and John Odell for this article.

FATBOY DETHATCHING REEL

\$1850 + GST AU Patent 2003302669

Phone Glenn Craig +61403805062

Email: turfbrush@gmail.com





ELITE HAULAGE

Delivering a range of products, throughout New South Wales, to suit your Bowling Green, Golf Course or Oval Including:

- Construction Sands
- Elite Soil Blends
- Elite Bunker and Ditch Sands
- USGA Blends
- Blends 50/50, 70/30, 80/20
- Drainage Aggregates
- Top Dressing
- Specialised Sands
- Kiln Dried Sands
- Synthetic Sub Base Blends



Making it happen with **Elite**

Elite are the market leader, when it comes to Safety, Quality and Customer Service. Elite has a wide range of company owned vehicles that can service your requirements through NSW and ACT. Elite specialises in the supply of materials to construct, renovate or maintain Bowling Greens, Golf Courses & Sporting Fields. Elite offers a range of quality and certified products so you will have assurance that your project will be completed to the highest standards. Elite staff have over 25 years' experience in the Civil, Construction & Landscaping Industries and are happy to offer fit for purpose advice.



Working together to supply in smaller trucks:

- Decorative Pebbles;
- Mulches;
- Garden Mixes;
- Turf Underlays;
- Rendering Sands;
- Bricklaying Sands;
- Bulka Bags;
- Hiab Crane;
- Cement & Mixers;
- Hardware;



OPEN 7 DAYS A WEEK



1300 935 483