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Executive Director: John Pemberton Email: john@bigga.co.uk

Deputy Executive Director Education & Training Manager: Ken Richardson Email: ken@bigga.co.uk

Communications Manager/Editor: Scott MacCallum Email: scott@bigga.co.uk

Sales Manager: Rosie Hancher Email: rosie@bigga.co.uk

Membership Services Officer: Rachael Palmer Email: rachael_p@bigga.co.uk

Contact us

You can contact The British and International Golf Greenkeepers Association in any number of ways:

Post: BIGGA HOUSE, Aldwark, Alne, York, YO61 1UF

Email: reception@bigga.co.uk Internet: www.bigga.org.uk

Tel: 01347 833800 Fax: 01347 833801



The official monthly magazine of the British & International Golf Greenkeepers Association

Communications Manager/Editor: Scott MacCallum Tel: 01347 833800 Fax: 01347 833801 Email: scott@bigga.co.uk

Advertising

Sales Manager: Rosie Hancher Tel: 01347 833800 Fax: 01347 833802 Email: rosie@bigga.co.uk

Advertising Sales Executive: Samantha Richardson Tel: 01347 833800 Fax: 01347 833802 Email: sam@bigga.co.uk / sales@bigga.co.uk

Sales Administrator: Amy Newport Tel: 01347 833800 Fax: 01347 833802 Email: amy@bigga.co.uk / sales@bigga.co.uk

Design and Production Editor: Marie Whyld Tel: 01347 833800 Fax: 01347 833802 ISDN: 01347 830020 Email: marie@bigga.co.uk

Warners Midlands Plc, The Maltings, Manor Lane, Bourne, Lincolnshire PE10 9PH Tel: 01778 391000 Fax: 01778 394269

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The causes and problems of thatch



The use of rootzone turf on the green

June 2004

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Silver Jubilee for a Golden Key Supporter 14 Scott MacCallum visits the headquarters of Kubota UK Ltd, who have renewed their Golden Key support.

The Root to Victory on the Golf Course Tim Fell, of Tillers Turf, explains the ins and outs,

the whys and whens, of using rootzone turf on the green.

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Cover photograph courtesy of Toro



Welcome

START OF A CAMPAIGN

I know most of us like to believe that we don't really care what other people think of us. Why should we? We are paid to do a job as well as we can and invariably have more knowledge of what we are doing than the people who are doing the criticising. Best to ignore such comments - water of a ducks back and all that.

However, if we are completely honest, none of us like criticism, particularly the uninformed variety.

So what should you do when the criticism becomes deafening? Bend to public opinion in the hope of a quieter life? Amending your ways in response to the opinions of a few, never mind an entire membership, is a sure fire way tie yourself in knots.

Tackling it head on is perhaps the best way. If you can't justify your actions you probably are in trouble. Having said that, admitting an honest mistake can also win friends and often respect. The perfect person hasn't yet been created and every one of us makes mistakes once in a while.

To make it work critics have got to be prepared to listen but, in many cases, they were at the front of the queue when mouths were being dished out but nowhere to be seen when ears were being allocated.

In the absence of all else a thick skin is definitely a help.

At the same time, it is useful to know how you are perceived by others.

Next month the magazine will feature an article by Colin Callander, a former Editor of Golf Monthly magazine, under the heading "See Yourselves as Others See You" which is aimed at giving you an idea as to how someone in the golf business sees you, the greenkeeper. Colin is a former Greens Convenor at a club in Scotland so has seen your role from "inside the ropes", as it were, and he does have some interesting things to say about the greenkeeping profession.

I'd be delighted if you could contribute to the feature. Write to me at BIGGA HOUSE or email me at scott@bigga.co.uk giving some examples of how you have been treated by golfers or club members - anonymity will be preserved if requested! That way I can paint a picture of what life is like for the nation's greenkeepers.

Without anticipating what will be said I know that the cloth cap and wellies image of greenkeepers is as hackneyed and out of date as the image of professional footballers wearing clumpy boots, baggy shorts and kicking heavy laced up leather footballs.

I'm also hoping to speak with a few other people from different elements of the golf industry to see what they think of greenkeepers.

I see it as as starting point of a campaign to educate the golfer into what you, the greenkeeper, actually does with the aim that in time you will be treated by golfers as the professionals you undoubtedly are.

It will be a difficult task but any signs of improvement will more than justify the effort.

Scott MacCallum, Editor

A WIN FOR BIGGA

The annual fixture between the Secretaries Association and BIGGA Scottish Region took place over the West Links, North Berwick Golf Club, on April 14.

This year was the turn of BIGGA to host this match and we are grateful to the Captain and committee of North Berwick for granting us courtesy for the day.

We have been successful in winning this match for the last few years and no doubt the Secretaries' Association were out for revenge and hoping to regain the trophy.

With the course in superb condition and with very favourable weather conditions everyone was looking forward to the match.

Our number one pairing of lain Barr, our Chairman from Largs GC, and Stewart Greenwood, Course Manager, North Berwick GC faced Allan Osborne, Captain of the Secretaries' Association, and Norman Wilson, Secretary, North Berwick. Unfortunately our top pair failed to lead the way and lost by 5&4 but this was our only defeat, as we either halved or won the remaining matches, eventually winning by seven and a half to two and a half.

Wins for C. Yeaman and A. Holmes, G. Thompson and P. Boyd, J. Manual and G. Jarvis, A. O'Hara and D. Scott, D. Tweedle and B. Aitken and finally B. Bolland and E. McGhee, with halved matches for A. Dunn and D. Wilson, S. Sullivan and A. Williamson and S. Cruickshank and J. Mair. Congratulations to everyone on a splendid result.

The scenic views from North Berwick are truly outstanding with the East Lothian coastline and the Bass Rock providing a truly splendid backdrop and the Kingdom of Fife in the distance made for a superb day.

Our grateful thanks to the Captain and club for allowing us the facilities of the club and course for the day. Congratulations to Stewart Greenwood and his staff for the excellent condition of the course.

Our thanks also to Alex Beveridge, Secretary of the Secretaries' Association, for his assistance and help in organising the match. We are all looking forward to renewing our friendship in 2005.

Peter J. Boyd Regional Administrator

DESIGN WITH WATER IN MIND

Independent irrigation engineer Giles Wardle of IrriPlan has called on golf course architects to make efficient water use a key design feature at the European Institute of Golf Course Architect's AGM in Italy.

Speaking at the invitation of Ken Moodie, the Institute's Vice President at the historic Castello Di Carimate, he told members that the uniform application of water is often overlooked as an objective in the design of irrigation systems.

"Maximising the efficiency of an irrigation system through good design has aesthetic, agronomic and golfing implications for the course.

"In the quest to save water, appropriate design is arguably more influential than merely adopting technologies such as valve-in-head sprinklers, computer controls and weather stations," stressed Giles.

While the appearance of wet and dry patches on a golf course can be caused by wind or variations in root-zone, drainage or topography, it's often poorly uniform irrigation application that's at fault, he said.

"Having emphasised that, achieving a uniform application of water from an irrigation system is a far more complex issue than just specifying a head-to-head sprinkler spacing." Giles went on to explain the scientific principles of uniformity and the approaches available to the irrigation designer to optimise it.

Using densograms generated by SPACE (Sprinkler Performance And Coverage Evaluation) software, he illustrated the dramatic effect that seemingly unimportant design options can have on the efficiency and uniformity of an irrigation system.

"The EIGCA arrange Continuing Professional Development seminars on a regular basis to keep our members up-to-date with advances in technology. We were very pleased that Giles agreed to speak and he delivered an excellent talk. With growing environmental awareness, the need to conserve water and apply it efficiently has never been more important," said Ken Moodie, who's also Chair of the Institute's Professional Development Committee.



News

TOP DEMONSTRATION SHOW

Organisers of the Reaseheath Sports Turf Machinery Show are predicting that it will become the best demonstrative event in the turf professionals' calendar.

With demand from exhibitors exceeding expectations and several national manufacturers planning to launch new machinery, the show, in Nantwich, Cheshire, on Wednesday, July 7, is set to be twice as successful as the 2003 inaugural event.

Last year the event attracted over £6 million-worth of cutting edge equipment, including the latest ride-on, trailed and pedestrian mowers, aerators, scarifiers, top dressers and line markers. All were demonstrated in a working environment on Reaseheath College's varied sports turf facilities. Potential buyers were attracted from across the north-west and the midlands.

"This is the only show of its kind in the country and we are intending it should become known as a 'show not to be missed," said Phil Sharples.

"We are excited about the positive co-operation and support we have received from the industry. We will continue to develop the show to give maximum benefit to exhibitors and visitors. We have acted on feedback from those who attended last year and are confident this year's event offers even greater value."

Entry is free to visitors.



HE WHO DAIRS...



BIGGA member, James Dair, an Assistant at Oundle Golf Club has set off on a professional career which could see him teeing it up with Europe's finest.

James was successful in the Euro Pro Tour

Qualifying School, the third tier Tour after the main European Tour and the Challenge Tour and will be competing in events throughout the summer.

If he does well and finishes in the top five in the final Order of Merit next season he will compete on the Challenge Tour where success could lead to a place on the main Tour.

But one step at a time and James, who is a member of Toft Golf Club, is delighted to have the chance to play in events which offer a top prize of £10,000.

"To qualify I had to pre-qualify at Forest Pines initially before playing three rounds at Bedford Golf Club where, out of a field of 240, I finished in a tie for 30th," said James, 31, who had a handicap of scratch when he turned professional.

He is delighted that Oundle Golf Club have kept his job open to him so he can return to greenkeeping between tournaments, but in the meantime he can look forward to events in Spain and Portugal as well as playing some of the finest courses in the UK.

Royal Inverdivot GC... Strip Cartoonist of the Year www.tonyhusband.co.uk There's a rep He's in the car Where Is he? here selling Bermuda park.. he's the grass GREEN one wearing Bermuda shorts

WELL QUALIFIED

Since January a further 12 technicians have qualified successfully as Briggs & Stratton Master Service Technicians. This brings the total in the UK to over 200 and 3,000 worldwide.

This internationally recognised qualification is only given to those who can attain the highest levels of excellence when it comes to servicing and repairing small engines.

Each year entrants undergo an intensive course in theory and practical engineering practices, at the end of which they set a series of rigorous examinations.

The MST course is held annually and is open to workshop personnel of garden machinery specialists, hire outlets, golf courses, contractors and local authorities that wish to increase their skills and gain more recognition for the important work they carry out.

Anyone interested in attending the 2005 course, should contact Briggs & Stratton's Service Department on 01708 335616.

RECOGNITION **FOR STRI LAB**

STRI has been awarded accredited laboratory status for the testing of rootzone materials specified by the USGA in the construction of putting greens.

The American Association for Laboratory Accreditation (A2LA) certified STRI's soil laboratory at the end of April. It is the first laboratory in England and only the second in Europe to gain accreditation and a place on the USGA's approved list of physical soil testing laboratories, which recommends laboratories carrying out testing under the high levels of quality control required by A2LA.

STRI has been involved in research and the testing of rootzones and construction materials for golf courses since 1929. In 2001 BRTMA (the British Rootzone and Top Dressing Manufacturers Association) appointed STRI as their official Testing House to improve standards within the industry.

STRI's association with the USGA also has a long history. The work of the USGA Green Section, formed in 1920, was influential on the early turfgrass research programmes carried out at STRI in the 1930's.

Dr Stephen Baker who is Head of Soils and Sports Surface Science at STRI was a member of the USGA advisory committee that drew up the current Recommendations for a Method of Putting Green Construction.

These recommendations have been recently revised and details of the changes, which are all intended to help make the construction of USGA greens less expensive and less complicated, can be found on the USGA website; use the links page at www.stri.co.uk

'FREE ENTRY' TO GLENEAGLES

The Diageo Championship at Gleneagles will be held over the PGA Centenary Course, The Gleneagles Hotel from June 10 to June 13.

The Gleneagles Hotel have kindly offered free admission over the four days of the tournament to full BIGGA members on production of their current BIGGA membership card.

The event is being played over the Jack Nicklaus designed course, part of the 'The Gleneagles Hotel, which includes the King's and Queen's courses. The venue is situated in rural Perthshire with stunning views over the hills and glens that surround the magnificent location.

The Association are extremely grateful to the Gleneagles Hotel and Scott Fenwick Course Manager at Gleneagles Hotel for this generous offer and encourage members to make the journey to Gleneagles and see the best of Europe's golfers taking part in this tournament over a challenging and superb golf course.

RAISING STANDARDS

"We've got there," said Duncan Russell, Manager of the National Sprayer Testing Scheme, reporting that at the end of the first target period over 5,000 sprayers were tested by the Scheme.

Farmers and contractors across the UK met their target established under the Voluntary Initiative. The VI is a joint initiative with the supply industry aimed at reducing the impact of agrochemicals on the environment.

NSTS has raised the standard of application machinery by introducing a simple test to make sure the sprayer is functioning properly. A network of over 500 test centres with approved testers have been established around the country since the launch at Smithfield in 2002.

Testing shows that leaks and drips, worn nozzles, faulty pressure gauges and poor hose condition are the main reasons for sprayers needing repair or rectification to bring them up to the standard required.

"Operators are crucial to the condition of sprayers," said Duncan.

"If they have a regular checking and maintenance regime in place then the faults we find are significantly less. Machine purchasers should always ensure that new and second-hand sprayers they buy are certificated by NSTS."

"Having achieved the first target the next is a big one. 10,000 sprayers tested by March next year is going to be a real hurdle, but I am confident that with the support from all sides of the industry we can get there. We have a good coverage of testers across the UK and, with more coming on stream, we can manage 10,000 sprayers," explained Duncan.

A STAGGERING RATE OF PROGRESS

When Mo Bah arrived in the UK from Gambia in 1998 he knew nothing about the game of golf. Now, six years, on he is an assistant greenkeeper at Coombe Hill Golf Club with an NVQ Level 2 from Merrist Wood College under his belt and plays the game to a handicap of 5, although by the time you read this he may have dropped to 4.

"I was a bicycle mechanic after I arrived in Britain but I was living just opposite Coombe Hill Golf Club and liked what I saw when I walked around the course," explained Mo, 27.

Through friends, he first swung a club and was immediately hooked. It wasn't too long before he approached Murray Long, Course Manager at Coombe Hill, to extend his love of the game to working on golf courses as well.

"I absolutely love my job and the game and I hope to go as far as I can in both. I play three times a week and practice every lunch time," said Mo, who has aspirations to reach scratch, take the PGA exams and become a teaching professional.

"I really do appreciate the chance that Murray has given me and we have a great team here at Coombe Hill," said Mo, whose very appreciative of the fact that his BIGGA card has allowed him to play some of the finest courses in his area.

Virtually the same age to the day as a certain American, Mr Woods, Tiger is very much Mo's hero and those who saw Mo at last year's National Championship, when he was playing off 10



incidentally, could not have mistaken the similarities between the two, down to the Nike gear both wear.

At his current rate of progress, in another six year's time, Mo might be the first man to prepare an Open venue and play in the Championship as well!

OK FOR ETL FROM USGA



European Turfgrass Laboratories Ltd (ETL) has been reaccredited by the American Association for Laboratory Accreditation (A2LA). ETL is still the only laboratory outside of the USA to be accredited by the A2LA, the USGA approved accreditation body. The laboratory is now in its seventh year of accreditation.

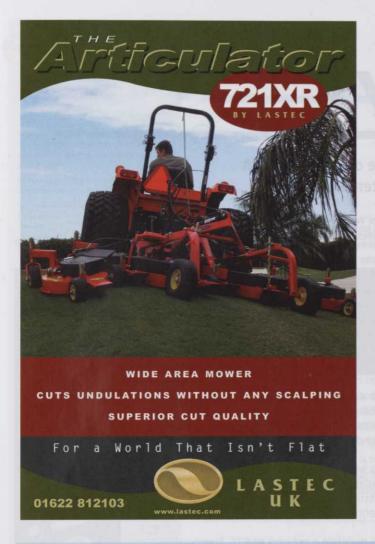
"Accreditation for us is just part of the day to day process of Quality Management within the laboratory," said Anne Murray, the Lab Director.

SWANS IN RESIDENCE!

Golfers at Longhirst Hall, near Morpeth, are having to cope with much more than a case of the duck hooks at the moment. Several swans have taken up residence and can often be found sitting right in the middle of fairways, slightly off putting for anyone faced with a tough 3-iron into a cross wind or a delicate sandwedge over a lake.

Course Manager, Graham Chambers, got close enough to one of them to supply us with this picture.









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It is with great pleasure that the GTC accepted the offer from BIGGA to contribute a regular column in Greenkeeper International.

For many of the more mature readers of GI the history of the two bodies working together will need no explanation however in this first article I think it is important that the GTC's Aims and Objectives are shown and also the structure of the GTC.

The GTC Board has representatives from the following organisations.

- · The Royal & Ancient Golf Club of St.Andrews
- The British & International Golf Greenkeepers Association
- · The Golf Course Superintendents Association of Ireland
- . The English Golf Union
- . The Golfing Union of Ireland
- · The Scottish Golf Union
- · The Welsh Golfing Union

The GTC also has a Technical Committee to support the Education Director and advise the Board on all greenkeeper education and training matters.

Chairman: Dr Mike Canaway, Former STRI Chief Executive

Committee members:

Gordon McKillop STRI Chief Executive

Ken Richardson BIGGA Education & Training Manager Tony Mears Paddy Holohan

Course Manager & GTC Liaison Officer Course Manager & GCSAI Representative Course Manager & BIGGA Representative

David Leach MG John Davis

Independent Education & Health & Safety Advisor

In attendance:

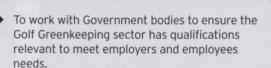
Gordon Huddy GTC Board Chairman David Golding GTC Education Director

In a brief summary for this first article the GTC represents both golf club employers and greenkeepers. Its main aim is to ensure that the sector has a range of relevant qualifications, which have national recognition by Government and are both vocational and academic.

The GTC has a network of Approved Training Providers who offer courses related to the qualifications and range from day/block release, work-based or on-line.

Finally, if the content of any turf-related qualifications is proved to require amending the GTC can ensure this can be actioned by the appropriate body.

Aims



- To work with the Awarding Bodies i.e. City & Guilds, Edexcel, SQA, NCVA to ensure Quality Assurance is being maintained throughout
- To maintain a network of GTC Approved Training Providers throughout the United Kingdom & Ireland.
- To assist the Training Providers with the delivery of Vocational Qualifications by maintaining a structure of workbased trainers and assessors.
- To maintain a consultation network to review qualifications and training courses relating to Greenkeeping and Golf Course Management.
- To communicate with Golf Club employers on the benefits and opportunities for the training of Greenkeepers and to offer an independent advisory service on all matters relating to Greenkeeper training.
- To co-operate with Greenkeeping Associations in the furtherance of education and training for their members.



Greenkeepers Training Committee Aldwark Manor Aldwark Alne York YO61 1UF

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For details, please contact Ken Richardson on 01347 833800 or via ken@bigga.co.uk

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Education Update

Ken Richardson sees the year quickly vanishing and updates you on Harrogate 2005 and the new Annual Conference in March, 2005.

As I write this article, I am looking forward to a welcome holiday. By the time you read it, I will be back at my desk wondering where the year has gone with BTME & ClubHouse only seven months away and the new Education Conference only nine months away.

Continue to Learn at Harrogate 2005

Our plans for Harrogate are coming to fruition and we shall be able to produce a draft programme by the end of this month. Please remember that there will be an increased number of workshops held on Sunday 16th January and Monday 17th January, followed by an extensive seminar programme on Tuesday 18th, Wednesday 19th and Thursday 20th January. Add on a series of ClubHouse seminars and a Master Greenkeeper Workshop and there is something for everyone at next January's Continue to Learn at Harrogate. Watch out for more details appearing next month.



The 21st Century Manager

As announced last month, the BIGGA Annual Conference will move from Harrogate to a new location in 2005. The British and International Turf Managers' Conference, will be held at Staverton Park Conference Centre on Saturday 19th and Sunday 20th March. This, high level conference will be titled 'the 21st Century Manager' and will feature speakers from around the World. The Conference will include research papers presented by a range of academics from both sides of the Atlantic and by greenkeeper graduates plus papers on various aspects of management. Full details will be published later in the year but watch out for further monthly updates in this column.

TORO Student of the Year Competition



The deadline for the TORO Student of the Year Competition has now passed and we have received more than 36 entries so far. Regional interviews will be held around the country in early July with the National Final taking place at BIGGA House on 26th and 2th September.



Regional Training Courses Autumn 2004

Final preparations are being made for a wide range of regional/section training courses which will take place in October/November/December 2004. Full details will be sent out during July.

Remember to book early as places are limited on these high-quality, low cost training courses.



Health and Safety – Keep it Simple and PLAN AHEAD

Tutorial One

Much discussion is held by golf clubs in trying to understand their real and serious obligations under UK and Eu Law for Health and Safety.

Proprietors, Owners, Committees, Golf Club Managers, Secretaries, Course managers etc need to ensure that they really do understand the basics.

Haztek International® has over 25 years experience in health and safety, not all for golf clubs but in recent years has specialised to assist golf clubs and invested in understanding golf clubs needs.

They have visited and surveyed over 400 clubs in the UK and Europe and have below attempted to feed back some of the most common shortcomings to assist greenstaff in understanding the present areas to concentrate. Further tutorials (highlighted in caps) will help resolve some of these issues.

- Golf clubs generally fail to have a clear LONG TERM PLAN for managing health and safety. The committees and owners tend to rely on the day-today operations to meet the legislation.
- Secretaries and Club Managers often are not fully aligned with other departments especially the "course activities". Often RISK ASSESSMENTS are only completed for some operations and not all.
- 3. Health and Safety documentation is often piecemeal and has no manageable structure. Few clubs have invested in any form of MANAGEMENT SYSTEM that allows updates and control of daily, weekly, monthly and annual checks. The greenstaff need to be continually consulted and involved.

- 4. Few clubs have appointed a responsible person on the board to address Health and Safety and even less have appointed a COMPETENT PERSON.
- 5. Most clubs have in place an up to date HEALTH AND SAFETY POLICY but only around 40% have successfully completed the risk assessments to the required standard, very few have assessed risks on the course.
- 6. Few clubs have a TRAINING PLAN, which is essential to good health and safety. Many do, however, give adequate training especially in First-Aid, Manual Handling and Fire Fighting.
- 7. Many clubs have not completed checks for employing the DISABLED and this becomes a legal requirement from October 2005.

Haztek International® has put together a very simple free pack and CD to help the golf industry understand its basic obligations and includes information on, The Policy, Risk Assessments, COSHH, Fire Risk Assessment's, Emergency procedures and Safe Working Practices.

An additional set of cards will also be available on Disability
Discrimination Regulations, working with Under 18s and Manual Handling
Risk Assessments.

Modern Golf Club Management requires full compliance with UK and EU Health and Safety. Haztek International® are one of the only companies specialising in supporting golf clubs and have over 25 years experience working for over 300 UK clubs.

We prepare your Health and Safety Policy, carry out ALL Risk Assessments and will ensure your club is fully compliant with Health and Safety legislation.

Our service will involve a **complimentary AUDIT** if you email audit@safegolf.co.uk or call 020 8905 7552



Health and Safety Advisors to the Golf and Leisure Industry

Register now to receive the information pack and Golf Health and Safety Disc

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