Rachael and Gemma from Membership Services would like to welcome 70 new members to the Association.

DON’T FORGET TO USE YOUR PRIVILEGE CARDS!!!

Mothering Sunday is on the 21st March this year and is the perfect excuse to use your privilege card. Why not phone up the helpline and find out which florists and restaurants in your area are offering discounts with the card so you can afford to treat your Mum to something extra special.

Your card can be used in a large variety of local businesses and if used regularly can save you hundreds of pounds throughout the year. If you do not see the business you would like offering discount then just ask the helpline and they will be pleased to negotiate a discount for you.

If you have not yet received your card please phone Rachael or Gemma on 01347 833800.

PRIVILEGE CARD HELPLINE 0800 587 8800 OR VISIT THE WEBSITE AT www.discountpages.co.uk

BIGGA welcomes...

SCOTTISH REGION
Michael Hanlon, East
Dennis Lake, North
James McAdam, East

NORTHERN REGION
Andrew Beech, North West
Damian Byrne, North West
Anthony Dean, North West
Michael Robson, North East
Michael Sharpey, North West
Howard Wailork, North West

MIDLAND REGION
Sally Darby, BB&O
Paul Furnell, BB&O
Oliver Gilbert, East Midland
Simon Hedley, Midland
Richard Hitchman, BB&O
James Woodford, BB&O

SOUTH EAST REGION
Terry Akers, London
Ross Barrett, Surrey
Grant Bastable, Surrey
Matthew Clowendon, Surrey
Jason Dimond, Surrey
Stuart Fletcher, East Anglia
Derek Fraser, Kent
Kevin Gladioph, Kent
Andrew Goodbody, London

ASSOCIATE MEMBERS
Ian Brown, North West
Graham Bryant, London
Ed Carter, Northern
Rich Christ, USA
Peter Kelly, Rep Ireland
Clare Kilnurray, BB&O

CORPORATE MEMBERS
Stuart Appleby, Sheffield
Geoff Brown, North East
Darren Butcher, Sheffield
Mike Franklin, BB&O
Robin Jackson, Surrey
John Latimer, North East
Simon Leighton, Sheffield
Stuart Lowrey, North East
Peter Mollender, Sheffield
Leigh Siddon, Midland
Donald Stewart, North East

GOLDEN KEY
Frank Newberry, BB&O

Message of the Month Winner

Each month the person who has written the best message on the BIGGA Bulletin Board, which is found on the BIGGA website www.bigga.org.uk, receives an 18 litre Gelert Rucksack featuring a multi function organiser, 2 mesh pockets and a grab handle. (Rucksack supplied may be a different colour to that featured).

Our congratulations go to March’s winner, Perry Smith from Bramley Golf Club whose message was posted on the 11th January 2004 under the ‘Talk about Turf’ section.

NEW Additions to BIGGA Merchandise

With the rain ever present why not invest in a new waterproof suit.

The “Highlander Cargo Suit” at £55.00 features a Teflon coated micro fibre shell and waterproof breathable lining, with two cargo style pockets plus one covered back pocket on the trousers. This suit has a one year waterproof guarantee and is available in navy with lemon trim or black with pale blue trim.

If you do not need to purchase a full suit then jacket and trouser can be bought separately. New to the Cape Crest range is the “Sport” jacket priced at £48.00 with a two year waterproof guarantee, this is available in black with taupe rip trim or navy with red rip trim.

The trousers can be purchased separately to compliment the “Sport” jacket, these are available in navy or black and come in 4 lengths, 27” 29” 31” 33”, they hold a two year guarantee, priced at only £40.00 per pair.

For further information about the new range or to place an order, why not contact Rachael Foster on 01347 833800.

The Highlander Cargo Suit
To commemorate the life of BIGGA's Executive Director, Neil Thomas, who died last month, three figures who knew him particularly well from within the Association and the industry pay their own personal tributes to the man.

Walter Woods BEM, former St Andrews Links Superintendent was BIGGA's first Chairman and among those responsible for bringing Neil to BIGGA. Gordon Child is the only man to have served as Chairman for two years, and also as a former Regional Administrator, worked closely with Neil for many years.

From the trade, Kim Macfie was formerly Sales and Marketing Director for Hayter and through working with Neil on the Hayter Challenge and Hayter International Cup matches got to know him particularly well.

He will be Missed

It was with great sadness to the greenkeeping industry, and all related to the golfing world, to learn that Neil Thomas, Executive Director of BIGGA, had passed away on Sunday, February 22, after a serious illness bravely borne with courage and dignity.

Neil was born in January 1944, in Penarth, South Wales. After leaving school he attended Cardiff University and left with a degree in history. He then moved into a career in local government, initially in the Social Services Department of Glamorgan County Council and then, following reorganisation in 1974, to West Glamorgan County Council based in Swansea, where he rose to become Chief Administrative Officer of the Social Services Department.

On leaving this for pastures new he took up employment in 1987 as General Administrator of the newly created British and International Golf Greenkeepers Association.

Golf was changing during the period he took over. The Royal and Ancient Golf Club, combined with the European Tour, could see that golf playing conditions would have to improve to keep up with the increase in demand and expectation on playing conditions for club memberships, along with the improved tournament playing preparations for Tour players.

The R&A anticipated this and funded the organisation of BIGGA. To achieve this they hired consultants to organise the foundations and to point the inaugural committee in the correct direction.

The most important objective would be an administrator capable of organising an Association and also assist in the creation of an education structure from trainee greenkeeper right up to the Course Manager.

During this period it was immediately thought that it would be someone with a greenkeeping background who would be the most appropriate to fill this important position but we were immediately advised by the consultants that the ideal candidate would be an individual with a solid background in administration, with the added skills of communication and delegation.

The day Neil Thomas took up his employment as General Administrator his office was in a small room at the STRI offices at Bingley. During the first year of reorganisation we had a total of 600 members and we didn't have a magazine. In fact, the new Association could be described as extremely poor.

But one thing that Neil Thomas had was faith in his ability, which over the next 17 years progressed to a current membership of over 7,000; one of the biggest and best organised trade shows in Europe; a magazine which is a credit to the industry and new office buildings which were opened by HRH the Duke of York on October 21, 1998 and contain paintings of our first two Presidents, Lord Whitelaw and Sir Michael Bonallack.

Those who were close to Neil soon discovered he was a patriotic Welshman who loved rugby and cricket. He was, in fact, a qualified cricket coach and before moving north, a member of Penarth and Mumbles cricket clubs. He also assisted with coaching at Harrogate Rugby Club. However, his main hobby was his work in the greenkeeping industry and the welfare of the Association.

Neil Thomas was a quiet, unassuming gentleman who will be a great loss to his wife, Elaine, his three sons, Scott, aged 21, Grant, aged 19 and Adam, aged 16, all becoming enthusiastic sportsmen and young daughter, Natalie aged 10, whom he doted on and idolised.

His family will miss him and we as an Association only hope that they will be comforted by his personal contribution to the greenkeeping profession throughout the UK and Europe.

Walter Woods
The Sad Loss of a Greenkeepers’ Man

The passing of Neil Thomas will hit many people hard in our industry, but all our thoughts will be with Elaine and their children at this sad time.

Neil was a very private person and for many, who were not privileged to work closely with him, never really got to know him.

He was a dedicated and proud family man, and he had much to be proud of. Elaine, his wife, who Marion and I got to know over the years, and their four children are a close-knit family. I am sure that once the grief becomes a little more bearable, they will look back and feel that yes, Neil was taken too young but they were lucky to have had such a fine husband and father for so long.

Neil was a keen sportsman and was still playing cricket up to his illness. He was an avid Rugby Union man, especially for his beloved Wales. He took great pride in the sporting and academic achievements of all his children.

Neil’s appointment in 1987 to run the affairs of BIGGA was indeed a very wise move, and credit to the Board of the time that made the decision. Without Neil in the driving seat it is hard to imagine the Association being where it is today.

Having worked as a Regional Administrator then becoming a Board member and later two years as Chairman, I got to know him better than most. I saw his dedication and drive first hand. These qualities played a big part in elevating greenkeeping and BIGGA to the position of respect we enjoy today. Greenkeepers everywhere have a lot to thank Neil Thomas for: He never gave up trying to improve our lot with his cajoling of companies and organisations to support us, and with great success. He promoted BIGGA and greenkeepers to such an extent that even many old fashioned and backward clubs started to take notice. Even at social events he would never miss an opportunity to slip greenkeeping and the Association into the conversation. He had the ability to talk to anyone and seemed to know just what to say to get the best reaction from him or her for our benefit.

Neil persuaded the National Board to increase staffing numbers so BIGGA could become more efficient, and he was proved right. On the other side, he never let staff forget that their departments had to succeed, and they have.

On a personal note, Neil and I had disagreements and he was a hard man to get to change his mind, but then again he didn’t often have to, because more often than not he was right. I had high regard and respect for Neil, both as a man and an Executive Director.

Neil Thomas was not, and never claimed to be, a greenkeeper, but he was a greenkeepers’ man who fought our cause for 17 years with success unrivalled. You only have to look at the platforms around the world where greenkeepers from BIGGA have a major input.

We have all greatly benefited from the friendships he has forged on our behalf all over the world, making us truly international. Our own BTME and ClubHouse Exhibition, which improves each year, The Education Conference, National Tournament, all very successful and achieved under his guidance, but most of all the greenkeepers’ status is far and away higher than ever before. Neil has had a big impact on our lives he will be sadly missed...

Gordon Child

A Man with Natural Diplomatic Skills

"Pity you are Welsh," I’d say to Neil and he would spar back with some suitably disparaging comment about the state of Scottish rugby. Such is the nature of many human relations that cordiality and friendship are often disguised behind such jocular badinage.

Neil was a friend. Not only did he demonstrate real personal friendship to me but his actions and dedication showed how great a friend he was to greenkeeping and the trades that supply it.

My early dealings with Neil took place when we were establishing the Hayter Challenge Tournament that became the centrepiece of BIGGA sponsorship for five years. It was also the framework that led naturally to the Hayter International Cup – I believe one of the most significant initiatives ever to bond international greenkeeping and cement lifelong relationships. Throughout the period of establishing these events and for their duration, he remained a source of encouragement, strength and initiative without which the events would never have been so successful.

Although his primary concern was naturally to his membership, he was ever mindful of the commercial requirements of his sponsors. He managed to strike the right balance with quiet aplomb, reaching satisfactory outcomes for the disparate needs. Many other suppliers witnessed his natural diplomatic skills during the tenure of his office and greenkeeping will remain a beneficiary of his talents.

For the seven-year period that both tournaments spanned, Neil and I traversed the length and breadth of the country in support. However, here Neil demonstrated he possessed a 100% sporting chance that one of us would get there! Road maps were an anathema to Neil and his skills in this department provided ample ammunition for public, good-humoured humiliation. He took it all in good part and always seemed to get there in the end. Fortunately his navigational skills for BIGGA were vastly better.

From personal experience I know that Neil was a kind and sensitive man – I can testify he was there when people needed help. He was seldom outwardly demonstrative but that could not belie the sincerity of his feelings.

First and foremost he was a family man and it would be my earnest desire that Elaine and his children derive strength from the knowledge that the great legacy he leaves from his life's work is appreciated and cherished by those who knew him. All of us, not just the Association, will be the poorer for his passing but rejoice in his life.

Kim Macfie
It was a proud moment in the professional life of Phil Gates, Course Manager of Trentham Golf Club, near Stoke-on-Trent. The venue was the Harrogate Lecture Theatre, the time, Wednesday morning of Harrogate week, just a few minutes before Alvin Hall was to thrill the packed audience with his remarkable Keynote Speech.

Phil's name was announced and he walked to the stage to be presented with his Master Greenkeeper Plaque by BIGGA National Chairman, George Brown and Walter Woods BEM.

For all Master Greenkeepers, including Phil's fellow inductees, Norbert Lischa and Steve Matuza, it marked the end of a long road during which hours had been spent pouring over books and reports written.

But for Phil there was the added satisfaction of knowing that, back at the club, the work he and his team had spent on the greens was beginning to bear fruit.

"A lot of people had been asking if I was doing the right thing but this winter the greens played like links greens. They were smooth, the bent content was there so they are hard wearing and members have been able to enjoy them throughout the winter," said Phil Gates MG, speaking exactly three weeks after he had officially become a member of the 39 strong Master Greenkeeper Club.

"It has taken us three or four years to get there and there has been a lot of really hard work but the benefits are now there."

That hard work had begun six years ago when Phil moved to Trentham from the K Club in Country Kildare where he had as Assistant Superintendent and learned a tremendous amount on the preparation and set up of the golf course for tournaments. This knowledge was gained from Richard Stillwell, Director of Greenkeepers for the European Tour. Following many successful European Opens the K Club is now due to host the Ryder Cup in 2006.

"When I started here in January '98 the greens drained poorly and were like poa puddings, with three inches of thatch in them. The previous regime had been one of feed and water and the club gave me the brief that they wanted the greens improved," explained Phil, whose first task was the revise the working conditions so that the team began at 7am and not 8am, which had been the previous official starting time 12 months of the year.

Phil looked at the options which at that stage included everything from rebuilding all 18 greens to a USGA specification, installing new drainage systems in all greens, to introducing a more intensive general aeration programme.

"The club asked me if we could build greens to USGA standard in-house and I told them that the answer was 'yes'. In the October of that year we re-sited and re-built the putting green to USGA standard. The sort of person who has the confidence and ability to do this in-house as well as many other demanding tasks taken on in-house is the sort of person that goes on to gain Master Greenkeeper Status."

Having built the putting green the members took the view that they preferred traditional push-up greens for the course itself.

"The putting green was very much a trial but the club. Thinking then was that because USGA greens play differently they didn't want them. So we were asked to fix the existing greens."

Phil and the team Litag banded the greens and set about changing the grasses from Poa Annua to Avalon, overseeding four times a year to the extent that the percentage of bent in the greens is currently between 50 and 70.

"The banding was tremendous from the point of view of playability but changing the grasses was done to get rid of the dead time between March and May during which the poa-dominated greens suffered and for more sustainability in view of future chemical legislation etc. Putting the bent in benefited that time of year and we didn't have to rely on the weather to..."
make the course playable."

However the natural progress of the ‘new’ greens was rudely interrupted by the cold drought of 2000 which killed off six of the greens altogether.

“We’d stopped feeding and stopped watering but the weather at the time meant it was a disaster and everyone was asking what we were doing and what the plan was,” said Phil, who was able to count on the support and advice of Alistair Beggs, of the STRI, who was the regular advisor put into the club by the R&A on the strength of Trentham’s position as an Open Qualifier venue.

“We held a couple of open days to explain what was happening but really it was a punching session for the members and I had to stand and take it. Fortunately a few of them were positive and we were able to come through it.”

Looking back, Phil can also see the good that came about because of the drought.

“In hindsight it was a benefit because so much of the poa was wiped out, so when we overseeded we got a much higher percentage take.”

Having climbed the hurdle placed in his way because of Millennium year weather Phil’s traditional approach has brought steady improvement.

“We slit every week and haven’t used any fertiliser in a year. The thatch was being eaten away naturally and we’ve had an excellent germination rate from our overseeding. We also have a good IPM programme in place and didn’t spray fungicide for four and a half years.

“We do get fusarium but we use it as a biological cleanser, so although it’s been frustrating for the members, it’s been a benefit to us in helping to get rid of the poa annua. We do try to stop it, but we use calcium, sulphur, liquid iron and potassium nitrate rather than fungicide.”

He still feels that the greens are not where they should be, but positive comments from members over the last couple of months have been a positive sign that things are on the up.

“I always try to get the membership away from the theory that green is good and that if the greens are grey or white and putt tremendously that is the most important thing. I tell them to concentrate on their putting and not the visual side of things,” said Phil, who also advises at another club, Broughton Heath, near Derby, three times a week.

With the greens under control Phil and his team - it numbers six full time and two who work three days a week - have spent time improving the paths around the course and refurbishing the bunkers.

"Tom McKenzie, of Donald Steel’s company, came in and taken things a step further on and the bunkering is very much improved now,” said Phil, who added that they still had two holes to do.

Although it would appear that the club has grasped the nettle and spent money on their golf course in recent years, Phil revealed that much had been done with a relatively limited budget. Therefore all the renovation work has been carried out in-house.

“Had we reconstructed all 18 greens it would have cost around £400,000 but the drainage work we did cost us £21,000 instead. We spent £8,000 on the putting green and will be extending it, costing a further £5,000, while we also spent money improving the trees on the course, spending around £4,000 each time on three phases; moving, removing and adding trees. So in effect we have saved the club a great deal of money in the way in which we have done the work.”

Phil can’t praise the club highly enough as employers.

“It is a very conscious club, spending money wisely and it is full of very professional people whose contribution to my well being since I arrived has been fantastic. They appreciate what I’ve done and I appreciate being around them.”
One member comes in for special praise and that’s David Beech, who has been Chairman of Green for the past six years and who is about to stand down.

“There is no negative in David at all and he draws people towards positive conclusions. A solicitor he’s a very good communicator and a real go-getter who knew nothing about greenkeeping when he started but has now learned so much I think he could go for a Head Greenkeeper’s job. There have been a few people throughout my career who have had a huge influence on me. David Beech is one of them and Laurence Pithie is another,” said Phil.

“I worked with Laurence at Wooton Bassett Golf Club in Swindon for three months and a day, CV in hand, I approached him about improving my career prospects. I went off on holiday and when I got back he told me to go down to Dummer in Hampshire, to be interviewed for a First Assistant’s job, at the club which was being grown in.”

Phil got the job, and quickly moved on to become Head Greenkeeper and spent two and a half years, in his own words “cutting his teeth”, learning a lot and mixing with the likes of Fergie’s father Major Ron Ferguson, a member, and Tara Palmer-Tompkinson, a regular in the village shop.
He moved to the K Club in January '95 as Assistant Superintendent in the then team of 42 for the 18 holes. Numbers subsequently dropped to 35 but there was a great deal of construction and renovation work going on and again it added to his portfolio of experience.

Phil, a keen amateur taxidermist - there was a recently mounted fox head on his desk when I went into his office - is also extremely keen on the environmental side of the job.

"I love nature and we've been pro-active in erecting bat and barn owl boxes, while we ensure when we fell trees we don't burn the wood but stock pile it to provide homes for mice, voles and invertebrates," said Phil, who is also involved in the English Nature/STRI programme which sees Lee Penrose making regular visits.

It was thanks to Laurence Pithie, whom he considers a mentor, that Phil first considered tackling the Master Greenkeeper programme.

"I saw how good Laurence was, and the likes of people like David Whitaker, and thought that I'd like to be as good as them one day. I felt that Master Greenkeeper was something they'd attained and that I could work towards as well."

Phil enrolled in 2000 and worked through the process until he passed the final exam in 2003.

"A lot of people think it is a mysterious process. I was one of them, although it's very well organised once you become involved. The first stage, that of collecting sufficient credits to move to the second stage was easy to complete but the second, the course visit, was very tough."

Phil's course visit was conducted by Andy Campbell and David Leach. They were tremendously supportive both prior to the visit and through it as well.

Trentham's maintenance facility is not the most modern in the country but Phil brought in an architect to draw up plans to demonstrate to Andy and David what is in the pipeline. It is expected that the new facility will be built in the next two or three years.

Once the course inspection had been successfully completed it left the two stage exam and Phil was again indebted to Laurence for supplying him with a series of test questions and answers to build him up for the examination process.

"I am absolutely delighted to have achieved it and would encourage more people to think about taking it on as you benefit individually and indirectly your club benefits from the knowledge you pick up."

The plaque, now mounted in the clubhouse bar, is evidence that the hard work paid off for Phil Gates MG.
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NOZZLES and SPRAYING: Your Fairway to Green Spraying

In 2002, about £19.2 million of herbicides, fungicides and insecticides were used in the UK amenity sector, almost all being sprayed with nozzles that – for the sake of following a few simple rules – can 'make or break' their performance. Bill Taylor of Hardi Limited covers some basic rules of nozzles and their performance.

Amenity pesticides will only do what they are intended to do if they are applied correctly. The goal is to apply the product only where it is intended, not in a neighbour's garden, the nearest watercourse or over yourself. Less wastage increases the chances of you doing the best job but also reduces risks to the environment; an approach that must be welcomed by all your visitors.

The key to success is the correct use and calibration of nozzles. You will not only get the best out of the product's performance but also increase safety and make the job more efficient.

NOZZLE TYPES

The most commonly used nozzle types are flat fans, hollow cones, flood jets (reflex) and those used for liquid fertilisers, each of which has its place with greenkeepers.

Flat fans are the most common and are used on spray booms to produce a uniformly distributed swath. Hollow cones have now been largely replaced by new flat fan designs capable of the uniform accuracy that is demanded today and produce the whole array of drop sizes required for differing tasks.

Flood jets remain very popular on knapsack sprayers as they enable a wide swath to be gained from one nozzle, and the large metering hole avoids nozzle blockages and can be used just a few cms off the ground.

Finally, the move to liquid fertilisers and the recognition that these products need to target the soil surface rather than plant leaves that could be scorched, has triggered the development of dedicated liquid fertiliser nozzles, such as the Hardi Quintastream that produces five jets that penetrate the crop canopy to the ground below.

GROUND RULES FOR NOZZLES

Nozzles may be just small precisely formed pieces of plastic but they have to meet a number of critical functions for effective spraying.

The most important is to regulate the rate at which the spray liquid is applied; too much or too little and you will over or under dose the green.

After much use the metering part of the nozzle may wear so it is important to calibrate regularly and check the actual rate of emission. Modern sprays – unlike the older ones – are unlikely to cause rapid nozzle wear; a bigger wear problem can be caused by sand particles which have been swept from the mains with the water into the tank when filling. But even low wear will cost you dearly so be warned.

Since the rate of nozzle emission is influenced by spray liquid pressure, manufacturers quote 'rated' pressures in their literature which you should use. The sprayer needs to have an accurate gauge so that you know the pressure every time you calibrate and spray.

Different nozzle sizes emit smaller or greater quantities of spray liquid so consider what water volume rate you want to use. High volumes might be needed to saturate the ground but using them is very energy and time demanding.

Nozzles also have to distribute the spray so that on a boom you have uniformity of spray all the way across. Optimal distribution is dependent on the right boom height – normally 50cms – above the first point of contact for the spray, be it soil or the top of the grass on the green. If the boom is too high the risk of drift is increased; too low and you can cause striping.

The design of the nozzle influences the spray quality produced using terms that reflect their mean drop size: Fine, Medium, Coarse or Very Coarse. As a rough rule of thumb, Fine and Medium sprays are well retained by plant surfaces while Coarse and Very Coarse can be ideal for soil applications.
NOZZLES and SPRAYING: Your Fairway to Green Spraying

The Quintastream liquid fertiliser nozzle ensures good crop penetration to avoid leaf scorch.

NOZZLES FOR ALL AMENITY PRODUCTS

Advice on how to spray is often written onto the product’s label and can determine nozzle selection so you will find that you can no longer do every job well with just one nozzle; you may need to have a range of types ready for use at your fingertips.

The label may tell you to use 1000 litres of water for every hectare or it can be as low as 100 l/ha – alternatively it may just say ‘use a Medium’ quality spray. Whatever is asked – you should try and deliver.

If you are given a range of volume rates or spray spectra then it will be much easier to use the lower water rate to avoid wasting time and energy carrying water. If you can use the larger drop size advised then drift risk will be reduced. Some labels might actually tell you to use LERAP rated nozzles such as the Hardi Injet if you are considering reducing buffer zone widths next to ponds, lakes and streams.

Hardi offers four types of nozzles for pesticide use, all of which will give you the full range of water volume rates needed but produce different spray qualities. In general – use Hardi Standard nozzles for Fine/Medium qualities, LowDrift for Medium and Coarse, Minidrift for Coarse and Injet for Very Coarse. Having identified the spray quality from the label – then found the best nozzle type – look at the nozzle tables to determine which size to use to get the right water rates at your preferred speed.

BENEFIT FROM THE PRODUCT’S APPLICATION ADVICE

Soil applications often advise the use of lower water volumes and coarser spray qualities that will avoid water cartage and reduce the risk of drift.

In contrast, a foliar applied grass weed killer or fungicide may require Finer sprays to ensure the spray is retained where needed. Often these

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