



BIGGA President Viscount Whitelaw and Lord Griffiths, who will open BTME '94

Dignitary's unique sporting double

The VIP guest who will open BTME '94 has achieved a unique double in the world of sport.

The Rt Hon The Lord Griffiths MC is Captain of the Royal and Ancient Golf Club and in 1990 he became President of the MCC.

Hugh Griffiths was born in 1923 and educated at Charterhouse and St John's College Cambridge. He was commissioned in the Welsh Guards in 1942 and awarded the Military Cross in 1944. After the war he went to Cambridge where he won a cricket Blue as a fast bowler in addition to a Blue for golf.

Having gained his BA in 1948 he was called to the Bar in 1949 and has since had a most distinguished career in law. He was appointed as a Lord of Appeal in Ordinary in 1985 and is a privy councillor.

An all round sportsman, he started golf at the age of 12 and currently has a handicap of 11, although he has been considerably lower. In 1988 he won the Bing Crosby Trophy on the Old Course, St Andrews. He joined the Royal and Ancient Golf Club in 1981 and is also a member of Sunningdale as well as Shanklin and Sandown. His other sport is fishing.

Lord Griffiths, together with BIGGA President, Viscount Whitelaw, will conduct BTME's opening ceremony at the Royal Hall on Wednesday, January 19 at 10.30am.

Countdown to the show of the year

Why I wouldn't miss the trip to Harrogate...

There are many reasons for visiting the BTME, but the most important for me is that it is five days of comprehensive further training in greenkeeping.

I think the combination of a trade show, workshops and seminars is a rewarding formula. It is very handy to have so much information concentrated in one spot and in such a short time.

The trade show covers everything in greenkeeping and it also shows the latest developments both in machinery and necessities.

The workshops always cover topics of great interest. What I find important is that every year there is at least one topic that concerns the education of the individual more than the greenkeeper, for example this year's *From Greenkeeper to Course Manager* and next year's *Bridging the Gap.* This knowledge is of importance whichever profession one chooses. The seminars cover a variety of topics: in 1994 as many as 15. The close proximity of the seminars and the trade show makes it quite possible to become involved in both events. What makes the seminars so interesting is that they are presented by people who speak from their own practical experience.

Something else I look forward to is the international forum, held on January 20. I think BIGGA has taken a very important initiative when arranging the forum and inviting representatives from greenkeeping associations in Europe. There are many vital issues of common interest and I believe the voice of the greenkeeper must be heard clearly and loudly on an international level concerning maintenance of golf courses.

TOMMY LINDELÖF Chief Executive Swedish Greenkeepers Association

BTME: it's now just a few weeks away

by NEIL THOMAS Executive Director, BIGGA

In January 1989, BIGGA ventured into the unknown with its first Turf Management Exhibition in Harrogate. Five years on the Harrogate International Centre will host the sixth BTME from 19th–21st January.

During the last five years BIGGA has listened to many people, not least those working within the industry, with a view to constantly improving upon both the exhibition and the educational programmes. The Steering Committee meet some three times a year for lively exchanges of views which have resulted in decisions influencing the future direction and growth of BTME.

Our educational programmes continue to be a key factor in BTME's success attracting delegates in large numbers to both the two-day workshops which precede the opening of the Exhibition as well as the general seminar programme which runs throughout the Exhibition.

This year, for the second time, BIGGA will be organising a European Forum aimed particularly at



ascertaining the needs of greenkeepers throughout Europe, seeing where help can be given through BIGGA's administrative structure and seeking greater cooperation with European Greenkeeping Associations.

I believe that the BTME finally "came of age" in 1993 and we at BIGGA feel sure that we now have a firm base on which to build. The visit of the Duke of York undoubtedly enhanced the status of an exhibition which clearly meets the industry's needs in being of a specialist nature with a targeted audience. It is encouraging that both architects and constructors are viewing BTME in a positive light and I have long held the opinion that the exhibition represents the ideal medium for them to project both their companies and their professions. They are an integral part of our industry and we welcome them to Harrogate.

BIGGA much appreciates the support it has received from the industry since 1989. During a difficult economic period this has been unwavering. We hope that in return the BTME will continue to be perceived as the premier exhibition for the fine turf industries. There will certainly be no lack of effort from within BIGGA to ensure that this happens and we will continue in partnership with our exhibitors to present at the BTME all that is innovative, topical, new and indeed best in our industry.

Are you a **BIGGA** winner?

The draw has been made to pick the three lucky winners in our popular BTME competition.

We had a huge response from readers across the UK and Europe, all vying for a share in our prize competition with £600worth of prizes.

And the big winner, whose name was drawn first, is Colin Mackay, from Peterhead, Aberdeenshire.

Colin wins his way to the BTME in Harrogate, with return rail travel, three nights' accommodation at a top hotel and entry into all the education seminar sessions. It's a prize worth £300, Colin, and it's on its way to you!

Second prize winner is Harvey Tribe from Henley on Thames. He wins return rail travel, two nights' accommodation and entry to all seminar sessions. Prize value is a cool £200.

Third prize winner is Nigel Buxton, from Stockport, who will collect a single night's accommodation in Harrogate and entry to all the seminar sessions. Nigel, your prize is worth £100. Congratulations to our winners – enjoy the show!



Educational seminars herald

Profiles of some of the speakers taking part in the Educational Seminar Programme. To book your place or for more details call BIGGA HQ on 0347 838581



Jayne Leyland's presentation, Initiation of the Innocent is designed to reflect the experiences felt – and sometimes

endured – by those people new to the industry.

Thirty four year old Jayne turned to greenkeeping when it seemed logical to her to combine her two passions of sport and horticulture. She gained a distinction with her National Certificate in Horticulture at Reaseheath College 1992/93.

The subject matter of Jayne's paper is an introduction to the first year of studies for the new BTEC Higher National Diploma in Golf Course Management held at Reaseheath College in Cheshire. Content will include brief details of the relevant theoretical and practical subject areas covered, together with other experiences encountered during the first year for example, a very rewarding study tour to Scotland.
 Initiation of the Innocent by Jayne Leyland is presented at 1.40pm, Thursday January 20 in the Royal Hall.



The people Terry Buchen, golf course superintendent from Ohio, has worked with make up a veritable who's who in

golf. Terry – who collects his Master Greenkeeper Certificate at this year's BTME – has grown-in 11 golf courses across the United States alongside Jack Nicklaus, Tom Weiskopf and Jay Morrish, Tom Fazio, Pete Dye and Ted Robinson.

Terry comes from a family of golf course professionals is a former PGA Tour agronomist and advanceman on the regular US Tour. He will speak in Harrogate on growing in philosophies on a new golf course.

Forty six year old Terry is also a contributing editor to an American golf course news magazine and writes a column 'the savvy superintendent'.

Growing in Philosophies on a New Golf Course by Terry Buchen MGC is presented at 3.20pm, Wednesday January 19 in the Royal Hall.



With 24 years as a head greenkeeper and a burning ambition to achieve the Master Greenkeeper status, Ian MacMil-

lan is an ideal candidate to present The History of Golf and Greenkeeping.

The course manager at Balbirnie Park Golf Club started his greenkeeping experience when as a junior member of Cambuslang Golf Club in Glasgow, he was more often to be found helping the greenstaff than playing golf. Ian's been with Balbirnie Park, in Fife, for over ten years and appreciates their support in his quest for knowledge. "Education plays an important part in my life," he says. Ian spent five years at Elmwood College and is now back there in the second year of a HNC in golf course management – a qualification he hopes will lead to HND.

The History of Golf and

Greenkeeping by Ian MacMillan is presented at 11.40am, Thursday January 20 in the Royal Hall.

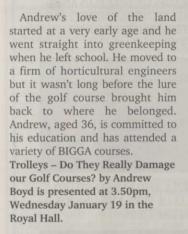


You can't know it all, reckons Andrew Boyd, and the best way forward is to keep on learning. Andrew will be

applying his knowledge as head greenkeeper at Bridlington Golf Club to his chosen subject when he asks, do trolleys really damage our golf courses?



a brighter future



Speaking in Harrogate will be

something completely different from the time Peter Greenhough took to the stage in 1988: then he was lecturing in India, Singapore, Indonesia and Thailand.

Peter, a former Yorkshire County Player and member of the Royal & Ancient Rules of Golf Committee, will speak on The Greenkeeper and the Rules of Golf.

The joint managing director of an insurance group and present captain of Brough Golf Club, has a extensive knowledge of his subject for the educational seminar programme. He was guest lecturer at the Royal Canadian Golf Association Rules Seminar and Examinations in 1988 and is presently serving on the R&A's championship committee. The Greenkeeper and the Rules of Golf by Peter Greenhough is presented at 9.30am, Thursday January 20 in the Royal Hall.



Peter Dickens, chief surveyor with the Ordance Survey Office, brings his experience to bear in

his presentation Ordnance Survey – More than Coarse Maps. Hear Peter at 10.30am, Friday January 24 in the Royal Hall.



Opening times

The 1994 BTME runs from Wednesday January 19 until Friday January 21. The exhibition is open from 9am on all three days. It closes at 5.30pm on Wednesday and Thursday and at 1.30pm on Friday.

The opening ceremony and presentation of industry and education awards, by the Rt Hon The Lord Griffiths MC, takes place on Wednesday January 19 at 10.30am and is followed by the first public viewing and launch of the BIGGA career video.

Getting there

If you're driving into Harrogate, RAC road signs will direct you to where you want to go. There are plenty of car parks or off-road positions within easy walking distance of the show.

Rail links to Harrogate are good and there are direct Intercity services from London King's Cross.

The nearest international airport is Leeds/Bradford (13 miles/20 minutes by taxi). Manchester Airport is one and a half hours drive away.

Getting in

Use the pre-registration card in this magazine and gain preferential admission to BTME. This helps cut the inevitable queues and means you can simply collect your badge and walk in. What's more, when you pre-register you also stand the chance of winning £200-worth of prizes. The pre-registration card is post-paid, so you don't even need a stamp. Send yours off today!

Quiz night

Just for fun, a general knowledge quiz night will take place at the Old Swan Hotel starting at 8.30pm on Wednesday January 19. There's no charge for taking part, but let BIGGA HQ know if you'd like to join in but you haven't indicated as such on your booking form. Call Samantha on 0347 838581.

Engineering group holds first meeting at BTME

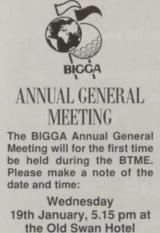
'Golf course engineering – from green field to fine turf' is to be the theme of the inaugural open meeting of the Institution of Agricultural Engineers' newlyformed Amenity and Ecological Engineering group. To be held in conjunction with the BTME, the seminar is scheduled to take place between 2pm and 5pm on Thursday, 20 January 1994 at the St George Swallow Hotel, 1 Ripon Road, Harrogate.

The meeting will address three areas of specific interest to engineers, greenkeepers and others concerned with the future development and application of machines, methods and systems employed within the professional turf and grounds maintenance industry. A trio of authoritative speakers will be chaired by Brian Hurtley, vice president of Kubota (UK) Ltd. First to take the floor will be leading golf course architect, Peter McEvoy, who will consider the design and development of new courses, working in harmony and sympathy with the natural landscape and local environment.

The second speaker, Dr Bill Adams from the University of Wales, will discuss developments in the construction and drainage of golf greens, tees and fairways with particular emphasis on the different approaches needed in the design and maintenance of sports turf drainage compared with systems used in agriculture.

Finally, Alistair Beggs of the STRI will present an overview of current turf maintenance equipment and ask whether greenkeepers have available to them the best machinery designs and technology for the job. An open forum is planned for the concluding session, when delegates will be able to quiz the speakers and air their views on the matters discussed.

Free registration: contact John Gowing, secretary of the Institution of Agricultural Engineers' Amenity and Ecological Engineering group on 091 222 6811 or by fax on 091 222 6720.



Membership cards must be produced.

Special hotel rates for BTME delegates

For the third year running the The Old Swan has been chosen as the official exhibition hotel. Conveniently located for the Exhibition being less than five minutes walk away and enjoying excellent standards, its special rates are as follows:

Double/Twin£64.00 Double/Twin for single occupancy£50.00 Single£45.00

Prices are inclusive of breakfast and VAT. The Old Swan will be the venue for the pre-Exhibition Workshops and the social programme. A hospitality room will be open in the evenings where everyone connected with the BTME can meet and relax.

Each of the hotel's 135 rooms has its own bathroom, colour TV and direct dial telephone.

Should you wish to stay at The Old Swan please contact them direct on 0423 500055, quoting the BIGGA Exhibition to make sure of these special rates.

CALL BIGGA ON 0347 838581 TO CHECK AVAILABILITY ON SPECIAL ACCOMMODATION/EDUCATION PACKAGES



Who to look out for at the show

A taster of what's in store. Full catalogue next month.

Turf-Actant

It is almost impossible to imagine an end product that is subject to so many influences during its production as turf grass.

When you add the strongly held opinions of each individual greenkeeper to the endless variety of climatic, soil and numerous other conditions, it is clear that a consensus management view is impossible to obtain.

It is therefore a relief to know that a range of products exists that can be depended on both in terms of consistent high quality and value, and that they can be seen and discussed with Richard Davies and Edward Clarkson on Turf-Actant Sales stand C7. We look forward to seeing you.

Grace Sierra

Constant nutrient availability over an unrivalled longevity is the key to the continuing success of Grace Sierra controlled release fertilisers in the UK turf market.

In new course construction where grass swards can be rapidly established over a short period with only one application of the unique resin coated granules.

Tees, fairways, surrounds and approaches are also ideally suited to the five and six month release of Osmocote N-39.0.0, Sierrablen Turfmix-28.5.7+Fe and Sierrablen NK-15.0.22+Fe.

The temperature controlled release mechanism ensures that the grass receives the nutrient as and when it requires and if soil temperatures drop, nutrient will not be wasted by harmful leaching.

Kings Horticulture

Kings Horticulture, as the UK importers of both the BASF Floranid range and Ironite Superferrite granular iron, will be featuring them on their stand. These high performance products are both innovative and unique and are proving invaluable in the management of modern golf greens.

Easy and safe to use they are already widely used in Europe and the UK.

Kings are also major distributors of chemicals and topdressings as well as other products to golf courses. Come and talk to their specialist team about what they can do to help you.

ICI Professional Products

ICI Professional Products, leaders in the turf grass industry, are looking forward to another successful BTME. As manufacturers of the very popular Longlife fertiliser and turf care products ICI will be promoting their full product range and services. Emphasis will be placed on the more recent range additions, Mini-Gold sulphur coated ureas Ultra-Green soluble fertilisers and Turf Mark which have proved so successful in 1993

ICI staff will be pleased to talk about products, their soil analysis service or the unprecedented free

empty pesticide container disposal scheme. This year will also see further significant new product launches as well as an introduction to ICI's new identity, 'Zeneca'. Visit stand B21 for a friendly welcome.

Atterton & Ellis

For over 100 years Atterton & Ellis have led the field with the innovative design and manufacture of cylinder grinding machines. Their market leading Express Dual offers the modern workshop an accurate and efficient means of cylinder grinding by either the insitu method, with the cutter unit still in the machine or by the separate cylinder method, when the unit's stripped down for full servicing.

Bottom blades are equally handled by the Atterton Anglemaster, a heavy duty grinder that features power traverse.

This unbeatable partnership represents the finest in precision engineering and both will be demonstrated at the show.

Mommersteeg

Mommersteeg's new introduction for 1994 is MM9, a special blend of bents for oversowing golf greens.

The best way to improve the year round performance is to establish new plants of the ideal greens species. MM9 comprises 25 per cent each of the three browntop bents Sefton, Tracenta and Highland - and 25 per cent of the creeping bent, Carmen, all tolerant of repeated close mowing.

John Akers, commercial director, and his golf and amenity marketing team will be on stand C9 at BTME to tell you more about MM9 and the full range of established Mommersteeg MM blends for every part of the course.

Hayters

Visitors to Hayters' stand at the BTME will be the first to view the company's latest range of grass cutting machinery for 1994.

especially Designed for the golf course is the

new TM520 hydraulic five-gang mower. Driven from the tractor's pto, this lightweight unit offers a highly economical way to maintain golf courses. Independent 20cm cutterheads can be operated in fixed or floating mode, and overall cutting width is 3.55 metres

For Fairways, the TM729 is a seven-gang mower, with choice of 25cm high-output fixed head cutterheads, or 20cm fixed or floating units. The hydraulic system is completely self-contained and offers in-cab remote control of all cutterheads. Backlapping facility is standard, and for thatch removal there is the option of vertical mowing.

Hayter's latest hydraulic triple ride-on mower, the T224, is a rugged and highly manoeuvrable machine. Individually controlled cutterheads give high-output



Stand C9 First class grass seed for tees, greens, fairways and roughs.

Mommersteeg **E**



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Who to look out for at the show

27 \rightarrow at speeds of up to 12.7km/h in 4 wheeldrive. Power options include the latest Kubota 39hp or Lister Petter 37hp water-cooled diesel engine. With fully electronic cab controls, the operator can switch from 2WD to 4WD on the move.

Also seen for the first time at the BIGGA exhibition, a three-wheel version of Hayter's T93 fully hydrostatic triple greens mower.

Supreme Mowing

Supreme Mowing supply high quality replacement cutting cylinders and bottom blades. Continuing their efforts to further improve the quality of grass care products, Supreme Mowing laid down plans to design and manufacture a range of new grinding machines with emphasis on accuracy and operator safety. After lengthy tests, the company launched their own 'Leader' range of grinding machines.

Built around a modular concept, the Leaders enable the smallest of workshops to purchase a state of the art grinding machine, assisting them to build up a good reputation. It is built around a solid free standing frame fitted with easily adjustable anti-vibration units, which when used in conjunction with the built-in spirit level enables quick and easy installation and the ability to re-site the machine without worry.

Supreme Mowing aim to provide a machine to suit every size of operation with the facility to upgrade the machine as needs dictate.

Inturf

Greenkeepers will be interested to see the complete range of Inturf's mature golf green turf and golf tee turf which is available in all agrostis, all fescue, fescue/bent and, specifically for tees, with added smooth stalked meadow grass or dwarf perennial ryegrass. All mixtures are offered in seed sourced from our leading seedhouses and all turf is grown on stone-free sand land and is harvested in either one square yard rolls, 25 square yard big rolls or 3 inch thick 'lay 'n play' turf tiles.

A full turf installation service is available operated by qualified greenkeepers all year round and anywhere throughout the country.

Inturf were first with big roll, first with turf tiles and first with BS5750 quality assurance and their proud boast is that they can offer the most advanced and comprehensive range of turf and turf laying systems anywhere. Ask for Simon, Chris or Derek on the stand.

Amenity Technology

Amenity Technology formed in June 1993 and so will be at the BTME for the first time. We will be providing a full range of specialist products for the greenkeeper from around the world.

From the United States comes Green Lawnger, a turf colourant; Tank Cleaner, a specialist pesticide tank cleaner; Hydraulic Oil Dye, for early identification of oil spills; Lake colourant, for bluer water in your ponds; and Spill Response Kit, for spill containment.

From Canada comes the Bayco golf equipment and from Scandinavia, the unique golf hole cutter Hio.

From the UK comes Scuttle, rabbit and deer repellent; Go Green, unique liquid iron plus wetting agent from the makers of Turfex; Spray Wet, wetting agent tablet; Saltext, non-salt de-icer that will not harm turf, again from the makers of Turfex; and Turfex Premium – a "new generation" of Turfex.

Also, brand new from the United States, will be De-Fine. Details from stand B36 in January.

Agriland

Following the successful launch of Tournament Total Turf Feed last year, Agriland are pleased to use the 1994 BTME as a launchpad for more new products. Names to watch out for are Cascade



and Seven Iron.

Friends – and rivals – are invited to come along and admire the best amenity liquids available. Drop in on stand B4, and you might even win a prize.

Amenity Land Services

ALS are increasing their range of premier brand fertilisers. Another batch will be launched in the spring.

To expand our activities of our renowned contracting spray services, we are offering a weed and feed service. This is weed control with a well proven herbicide together with our new premier liquid feed range, to cover any course in England and Wales.

This combined service will make the whole process cost effective. The success of ALS is due to our high regard for efficient and quick service to our customers with the least disruption to golfers.

Hardi

Hardi, a long established agricultural sprayer manufacturer, has recently entered the amenity groundcare market and claims to have quickly become the market leader.

Machinery for this market requires all the robustness and simplicity common to agriculture, but needs the sophistication found only in the best sprayers.

The complete Hardi range delivers this spraying accuracy with consummate ease. Technically advanced features such as the BK 180 control unit, and Hardi diaphragm pump ensure that application rate is maintained even with changing of forward speeds. Hardi can supply machines from small pedestrian controlled wheelbarrow sprayers, up to the refinement and safety of large hydraulic folding booms.

Please visit the Hardi stand at BTME for see one or two new surprises.

Sovereign Turf

Sovereign Turf Limited are experienced growers and suppliers of cultivated turf for all applications.

Our reputation for quality, professional and personal service with our ability to meet the customer needs, means our growing list of satisfied clients continue to buy with confidence. Grown on light, free draining sandy soil with careful management enables quality turf available to you all the year round. With local distribution depots throughout East Anglia and London, a first class service will full technical support can be provided.

On the stand at BTME will be Steve Williams and David Waring, who will be pleased to discuss your requirements.

Allen Power

Allen Power Equipment will be displaying their range of quality park equipment especially suited for the Golf Greenkeeper.

The popular National 68" Triple Mower, standard equipment in hundreds of Golf Clubs, and Mustang Ride-on 42" All Terrain Mower will be on show as will the Reciprocator, the evolutionary machine for cutting around golf bunkers, ditches and even under water.

Full catalogue next month

The Allen Hover Mower powered by a Suzuki MI20X engine and the Walkover Professional Sprayer and Zenoah Brushcutters all make a call to stand A47 for the show visitor.

Eric Hunter Grinders

Hunter Grinders are showing their popular machines already installed in many golf course maintenance sheds, the Jupiter and Juno. They excel at 'relief angle' grinding which cuts down metal to metal contact with the bedknife, thus providing a cleaner cut with other benefits such as less maintenance, longer bedknife life, fewer adjustments and less back-lapping. Many cutting units can also be ground in situ. Apart from grinding reels perfectly parallel and with coolant, Hunter's machines also precision grind the bedknives, thus saving space, expense and the need to buy two machines. Be sure to see them demonstrated at BTME.

PSD Agronomy

PSD Agronomy Limited provide a complete agronomic consultancy service for the golf course. Whether upgrading a mature course to cope with today's increased play or developing a new course, PSD Agronomy can help you.

Many mature golf courses are suffering sever agronomic problems and PSD Agronomy can provide the technical and analytical support necessary for a busy greenkeeping team.

New golf courses are being planned every week. Having PSD Agronomy as part of the team will help ensure a high quality, well managed project. See Mike Habridge, John Hacker or David Stansfield on stand A13 for further details of services.

Multi-Core Aerators

Multi-Core have increased their exhibition space for 1994 and as a result are able to feature both the TM1000 and TM1500 tractor mounted aerators.

Both combine robust construction with ease of maintenance and therefore downtime is kept to a minimum. A vast choice of tine spacings and sizes are available, from mini hollow and solid to 19mm hollow, giving up to five inch penetration. All these will be on display.

Also featured will be the popular greenkeeper pedestrian aerator. Available as a 16 inch or 21 inch machine, the greenkeeper is offered ultra reliability at an affordable price.

If you are looking for an aerator in 1994, why not visit our stand, where a warm welcome awaits customers old and new.

Lely (UK) Toro

Toro commercial distributors Lely UK Ltd will be exhibiting the highly acclaimed "Workman" utility vehicle at the forthcoming BTME.

This closely follows the successful Workman nationwide demonstration tour which took place throughout September and October, where users were able to view and test drive a wide range of vehicles with accessories and attachments.

Those who were unable to attend a Workman tour event will be able to view the vehicle on the Lely stand, number A23, along with products from Toro's extensive range of golf course and grounds maintenance equipment.

BIGGA South West and South Wales Region Don't forget, you can take advantage of a subsidised package trip to BTME which includes:
★ Coach travel to Harrogate (18 January)
★ Three nights bed/breakfast
★ All seminar sessions
★ Return coach, afternoon of 21 January
All this for just £95 for members, plus £70 for spouses, or £120 for non-members (if space).
Contact Marion Child for details on 0803 844056.