

BIGGA TURF MANAGEMENT EXHIBITION



BTME '97

HARROGATE
The Number One Choice

& EDUCATIONAL SEMINAR PROGRAMME

'The Learning Experience'



**RANSOMES
CUSHMAN
RYAN**

TOGETHER

PREVIEW



Looking ahead to the indoor event of the year – and Europe's most comprehensive education programme

January 22-24, 1997

If you haven't pre-registered yet for BTME, DO IT NOW using the post-paid card inserted in this magazine.



FACTS YOU NEED TO KNOW...

BTME Opening Times
 Wednesday January 22,
 9am-5.30pm
 Thursday January 23,
 9am-5.30pm
 Friday January 24, 9am-1.30pm

Booking System
 Any delegate wishing to book hotels, seminar sessions or the banquet should contact Sami Collins, at BIGGA Headquarters Tel: 01347 838581.

AGM
 The BIGGA Annual General Meeting will take place at the Majestic Hotel at 5.45pm on Wednesday January 22, 1997. All members are urged to attend but membership cards must be produced.

USEFUL DATES

- BIGGA National Education Conference: January 20-21, 1997
- BIGGA Educational Workshops: January 20-21, 1997 - WORKSHOP ONE SOLD OUT
- Educational Seminar Programme: January 22-24, 1997
- Sports Turf Research Institute/BIGGA Chairmen of Green/Secretaries' Course: January 21-22, 1997
- FEGGA AGM: 12 noon, January 23, 1997

Counting down to the show of the year!

For one week in the year all roads point to Harrogate as people from every aspect of the greenkeeping industry make their annual pilgrimage to BTME.

The growing band who do ink the week into their diaries just as soon as the last BTME has passed are rewarded with an occasion which both up-dates their knowledge of the industry and reinforces friendships formed from previous Harrogates.

This year the delights on offer are more tantalising than ever before. The Learning Experience, in association with Ransomes, is not to be missed with top speakers from around the world at both the Education Conference and the BTME Seminar programme while the BIGGA workshops, so successful at BTME '96 have been extended to four in '97. The range of exhibitors is wider than ever with many companies taking more floor space to display their products to their best advantage while the social programme should following the tradition of every previous years with the high-

light coming from Bobby Davro at the Thursday night banquet.

SOCIAL PROGRAMME

The Exhibition Banquet on, Thursday 23 January, at the Majestic Hotel, will be followed by a spectacular cabaret starring Bobby Davro, ably supported by a fabulous female vocalist, Laine Kennedy. The social programme also includes a conference dinner on 20 January with after dinner speaker Professor David Purdie, Dean of the University of Kingston upon Hull and a Karaoke Night on Wednesday 22 January.

THE EXHIBITION

The popularity of BTME '97 is such that the waiting list for 1998 is already growing. This year around 20 companies wanted to

attend but with no available space, had to be content with a place on the waiting list and the hope that some existing exhibitors decide against attending BTME '98.

The light pens which proved so successful in BTME '95 and BTME '96 will again be available so companies can note to whom they have been talking by simply scanning the bar coded delegate badges.

Catering in the show will again be the Tex Mex fare which proved so popular on its debut at the Show in 1996.

In a change for '97 the BTME Seminar Programme will be housed in the King's Suite which is ideally suited for such seminars and will provide a comfortable environment in which to enjoy the speakers.



The Learning Experience: exclusive to BTME



NATIONAL EDUCATION CONFERENCE

Unplayable to Playable

Ken Siems, Course Manager, Loch Lomond Golf Course

A Practical look at Golf Course Conservation

David Roy, Course Manager, Linnithgow Golf Club

Reflections over the last ten years of Ecological Management on German Golf Courses

Norbert Lischka, Course Manager, Hamburg Falkenstein Golf Club

Golf Course Construction and Management: An Ecological Perspective

Bob Taylor, STRI Ecologist

Scheduling Maintenance Operations to Suit Golfers

Gorden Witteveen, Superintendent, Toronto Board of Trade

Economy in Golf Course Architecture

James Duncan, Golf Course Architect

Great Expectations

Larry Gilhuly, Western Director, Green Section, USGA

Is it Greener over There?

Robert Bardwell, Course Manager, Euro Golf Green

Biological Methods for Pest and Disease Control in Golf Turf

Dr Alan Gange, Royal Holloway College, University of London

Bunkers in America

Terry Buchen, MGC, Director of

Agronomy, the Legends Group

Managing Rabbits, Current Research

Dr Gordon McKillop, Central Science Laboratory

How Green is Greenkeeping?

Mark Broughton, MGC, Course Manager, Morecambe Golf Club

Rootzone Testing, Theory and Practice

Dr Paul Miller, Elmwood College

Understanding and Managing Compaction

Dr Marty Petrovic, Professor of Plant Science, Cornell University
Five Master Greenkeeper Credits and five BASIS CPD points.

WORKSHOP PROGRAMME

Workshop 1 - Golf Course Design, Construction and Establishment.

Presented jointly by BIGGA and the British Institute of Golf Course Architects.

The workshop will be presented by Howard Swan MSc and Simon Gidman BSc, both members of the Institute of Golf Course Architects.

SORRY, THIS WORKSHOP IS SOLD OUT

Five Master Greenkeeper Credits and five BASIS CPD points.

Workshop 2 - Levelling and Surveying

Presented by Peter Jones, Peter Jones Associates and Dean Barlow RICS, DB Surveys

Workshop 3 - Effective Communication-Presenting to

Green Committees

Presented by Brin Bendon of Vector Training

Five Master Greenkeeper Credits and five BASIS CPD points.

Workshop 4 - The Magic of Greenkeeping

Gordon Witteveen, Toronto Board of Trade Golf Course Superintendent and Michael Bavier, Superintendent, Inverness Golf Club, Chicago

This workshop deals with the vital techniques and methods that all professional greenkeepers need to create a healthy, high quality golf course.

Two Master Greenkeeper Credits and two BASIS CPD points.

STRI/BIGGA CHAIRMEN OF GREEN/SECRETARIES COURSE

SEMINAR PROGRAMME

Maximising Cost-Effectiveness of Machinery

Institute of Agricultural Engineers

Annual Blue Grass?

Larry Gilhuly, Western Director, Green Section, USGA

How We Can Help?

David Burton, Kirbys Solicitors

Pond Banks-Taking the Soft Option

Gordon Moir, Head Greenkeeper, Eden Course, St Andrews Links

Measurement, Effect and Removal of Harmful Gasses in Turfsoil

Martyn Jones, Head of Turfgrass

Science, Myercough College

Education of the Head Greenkeeper

Helen Lindelof, Course Manager, Ingaro, Sweden/Suzanne Lindstrom

The Rules of Golf

Grant Moir, Deputy Secretary (Rules), Royal and Ancient Golf Club

Grow-In Philosophies

Terry Buchen, MGC, Director of Agronomy, the Legends Group

Global Links: Associations Sharing Information for Better Greenkeeping Worldwide

Bruce Williams, President, GCSAA

Pesticides on the Golf Course - Stewardship and Labelling

Patrick Goldsworthy, British Agrochemicals Association

Why They Go Bust!

Bryan Griffiths, Chairman, Golf Consult International

Full Time Golf Course Mechanic - Where's the Justification

Gerry Southgate, Service Manager, Ransomes

Looking Beyond the Trees

David Ansell, Course Manager, The Dyke Golf Club

Making the Most out of Irrigating

Marty Petrovic, Professor of Plant Science, Cornell University

One Master Greenkeeper Credit and two BASIS CPD points per session.

SEE US ON STAND C20 AT BTME

John Greasley

J D GREASLEY LIMITED

Ashfield House, 1152 Melton Road, Syston, Leicester LE7 2HB

•SPECIALISTS IN • GOLF COURSE CONSTRUCTION •
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Who to look out for at BTME – it's the show of the year

WINNERS

James Simmons of Royal Eastbourne GC was the winner of our BTME competition.

James wins a trip to Harrogate for three nights, staying in a top hotel and entry to all educational seminar sessions.

In second place and winner of a trip to Harrogate, accommodation for two nights and entry into the educational seminar sessions is Gordon McKie of St Andrews Links Trust and third is Timothy McCreadie of Royston GC who wins one night's accommodation and entry to all seminar sessions.

Winner of the Christmas Hamper for registering before November 8 was Roger Buchanan, Head Greenkeeper at Wollaton Park GC.

■ A selection of just some of the companies you can expect to see at Harrogate in January. Next month's *Greenkeeper International* will contain the official, comprehensive catalogue and guide to the event

RANSOMES

One of the new additions to the Ransomes range of turf care machinery making its first appearance at BTME is the Envirojet turf grass injection system.

Envirojet is a high pressure water injector designed to break up sub-surface compaction, improving drainage, root growth and aeration without disturbing the surface of the turf. The system can be used also to inject pre-mixed materials such as chemicals, fertilisers and wetting agents, placing them at the exact depth necessary for optimum effect. Benefits of such direct, precise placement include the potential use of lower chemical concentrations and the prevention of spray drift and sur-

face run-off, greatly reducing the risk to staff and the environment.

Being mounted on and powered by a Cushman Turf-Truckster vehicle, the Envirojet system needs no separate water supply. Clean water or a pre-mixed solution is contained in a 160 gallon fibreglass tank carried on the vehicle's chassis and delivered to the 10 jetting nozzles by a high pressure pump. All liquid passes through a patented sequencer unit which can be adjusted to alter the flow rate and the injection depth to suit requirements. Ransomes is planning an extensive demonstration programme for the Envirojet during 1997 and will be pleased to speak with greenkeepers about the system at Harrogate.

LEVINGTON HORTICULTURE LTD

Levington Horticulture concentrates on the key products for revitalising fine turf after the stresses of a winter preceded by a long hot summer on its stand at BTME this January. "Even the best maintained fine turf

will have struggled in the hot dry conditions of last summer. Combine that with winter weather and greenkeepers could well be dealing with some thin stressed swards, open to disease infection and moss colonisation this spring," said Levington Technical Services Manager Keith McKee. "Now is the time to begin the repair process, ready for the coming season."

Levington Greenmaster Mosskiller will be prominently featured on the stand as an ideal spring treatment for fine turf. Alternatively where moss is not a problem, Levington Greenmaster Turf Tonic is an ideal spring treatment similarly encouraging healthy and resilient growth.

MIRACLE PROFESSIONAL

Miracle Professional will as usual be giving their full support to the BIGGA Turf Management Exhibition and their stand will be featuring their wide range of products. Major chemical brands include the fungicides 'Daconil' Turf and 'Greenshield'

VITAX

WHAT YOU SAVE ON OUR FUNGICIDES



YOU CAN SPEND ON WHAT YOU LIKE

e.g. Fertilisers, Wetting Agents, Top Dressings, Equipment etc

New
lower water
application
rates now
apply

TECTO: A liquid flowable systemic turf fungicide with contact action for the control of fusarium patch, dollar spot, red thread and several minor turf diseases.

- Systemic action prevents reinfection.
- Contact effect even in low temperatures. Stops disease quickly.
- Can be applied even when rain is expected.
- 1 litre treats one bowling green or three golf greens.

Pack size 1 litre. Contains 450g/l thiabendazole.

FAIRY RING DESTROYER: Concentrated formulation. Controls all types of fairy ring on amenity, sports and ornamental turf.

- Easy measure ~ 1 litre pack treats 333 sq m.
- Good grass safety record.
- Leaves no powdery deposits on leaf surfaces.
- Pre-treatment the day before application with Vitax Ultraflo Wetting Agent will add to the long-term product's effectiveness.

Contains 190g/l triforine.

READ THE LABEL
Use
Pesticides
Safely
BEFORE YOU BUY

VITAX LTD Owen Street, Coalville, Leicester LE67 3DE Tel 01530 510060 Fax 01530 510299

JEMISON AGRI-BAN DRAINER

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THE PERFECT OVER DRAINING SYSTEM

**BUY OR HIRE THE JEMISON AGRIBAND
DRAINER**

Vertidrainng 2.5 and 1.45 machines
Overseeding of Greens and Fairways
Top Dressing 1 ton to 4 ton spreaders
Stone Burying and Seeding
Hollow Tining with 1.5m Multicore
Fairway Grooming and Sand Slitting
Land Drainage Schemes
Fontiva Grass Seed Distributors

SEWARD

TURF MAINTENANCE

Sutton Road, Wigginton, York
Tel: (01904) 765949 24hrs
FREEPHONE 0500 432120
Fax: (01904) 760016

SEE US ON
STAND C28
AT BTME

AD
REF
45

Who to look out for

'Enforcer' the liquid mosskiller, and 'Intrepid' the selective turf herbicide that has been so successful this season. The Miracle 'Longlife' range offers quality fertilisers, giving value for money with analysis to suit most situations. 'Invigorator' (408), the latest addition to the range, will be featured alongside the new improved FREE soil analysis service. Call in for further details.

Ocmis IRRIGATION (UK) LTD

Ocmis are irrigation experts with a referral driven reputation in system design, manufacture and supply, installation and service for all sports turf, landscape and amenity areas. We are also specialists in the refurbishment and upgrading of existing systems. Ocmis are distributors for Rainbird, Buckner & Hunter and can supply and service any other make of equipment.

Throughout the United Kingdom Ocmis stock MDPE & UPVC pressure pipe, associated fittings, pumping units, electric cable and mobile irrigators. Ocmis' unique in house design capabilities ensure that the requirements of each client are individually met and that each project is given independent attention. For more information, or a no obligation survey and design contact Ocmis Irrigation (UK) Ltd, Head Office - 01460 241939.

RHONE-POULENC AMENITY

New to the Rhone-Poulenc Amenity range is Crossfire 480 for fast, effective control of leather jackets and fruit fly. Come along to stand A6 and let us explain how this product could fit into your pest control strategy. To ensure your golf course comes through the winter in the best possible shape we will also be featuring Rovral Green - the ultimate turf fungicide and Cast-away Plus the dual purpose pest management product.

MARLWOOD LTD

Lastec with the articulator have just perfected the art of grooming the world's finest turf using the world's finest floating rotary mower. Meet the X-series articulator, with proven durability stronger, lighter, together, better. The articulator offers the highest quality finish cut of any rotary mower. They cut over 10 feet wide with the same accuracy as a single 21" push mower, precise length, better grass distribution, better wet grass cutting, winter mulching.

MAJOR EQUIPMENT LTD

Major Equipment working on its success story of the 12000 Groundsman Roller mower for the Local Authorities market has now launched the latest addition to its range - the 17ft 17000 Groundsman Roller mower based on the same design as the 12ft 12000 Roller mower.

Major has recently become involved with front mounted Roller mowers starting with the 6ft 6000FMX and the 8ft 8000FMX to cover the parks and golf course market.

Showing at Harrogate will be a selection of the Groundsman range starting with the smallest 4400 Major Groundsman through to the 12000 Groundsman.

Demonstrations are now being planned with both the newly launched and the existing machinery.

RIGBY TAYLOR

Rigby Taylor has made a major investment in the development of new products, and there will be further introductions at BTME '97 under the "Advanced Technology Products from Rigby Taylor" banner.

In addition, there will be Technical Advice from supporting manufacturers, competitions and special show offers to make your visit to our stand at Harrogate entertaining, informative and profitable.

SISIS EQUIPMENT (MACCLESFIELD) LTD

Sisis will display items from their large and comprehensive range of golf course maintenance machinery.

STANDARD GOLF (UK) LTD

Standard Golf will display their complete range of Golf course Equipment from the USA and are the world's leading supplier of course equipment. Included in the range are ball washers, litter caddies, rakes, tee markers, flag sticks, course and tee data signage. Personalised flags are a speciality of Standard Golf and are the finest available, see the quality for yourself on stand B36. Also on display will be winter tee and range mats. Details of the services offered by our sister company Envirogreen Limited will be available, specialists in special waste disposal of chemicals, fertilisers, oils etc, full or empty containers. No disposal is too difficult for Envirogreen. Duncan and Neil Stewart, together with Dawn will be available to assist and welcome clients and look forward to seeing you there.

NORTH STAFFS IRRIGATION

IVY MILL, LONGTON ROAD,
STONE, STAFFORDSHIRE

Value for money at the sign of the water mill.



We are big enough to cope with all your Irrigation requirements and small enough to care about every aspect of our dealings with you. A family run business of qualified Engineers who really enjoy thier work. Our Principal plays golf when he's not working and fully appreciates the needs of the course managers. We can offer your Golf Club the technology of today at prices well below some of the the bigger companies.

**At the end of the day the system has to work
OURS DO - BEAUTIFULLY**

Recent contracts:

Royal Lytham & St Annes (1996 Open), Chatsworth (For the Duke of Devonshire), Wilmslow, Northampton Town F.C., Donnington Wood Bowling Green.

We are also pleased to undertake work at Tennis Clubs, Bowling Greens and Football Grounds.

Telephone us now on 01785 812706
Fax 01785 811747

Member of the BTLIA

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217

at BTME – the show of the year



H. PATTISSON & CO LTD

Pattissons are acknowledged as the one-stop-shop for all course furnishings. From the tee area Pattissons range starts with the simple Trio Tee Marker to their ever popular resin tee markers, available in Deluxe Golf ball, Standard Golf ball, Pear shaped and Cone Shaped styles.

As an alternative, Chichester or Newbury Tee Consoles come complete with a sign that can show all the hole information and layout, D-shaped litter bins, show brushes and scrapers, ball washers, ball towels, sponsorship plates, in fact nearly any specialist requirements can be met. As with the consoles, many Pattissons products can be made to the courses unique specification to maintain a consistency of style. Another attractive tee accessory is the Deluxe Info Panel, this is a multi panel sign made from extruded aluminium and polyester powder coated in the colour of your choice, once again it can be made to the courses specification and can include, course logo, sponsor plates, yardage information and hole layout. This unit can also be removed for grass cutting and ground maintenance. Pattisson can supply virtually any accessory a course will need from the tee to the green. Our catalogue containing all of our new and improved course products is available by phoning 01582 597262.

HARDI LTD

Hardi Ltd has established itself as a leading supplier to the industry, by developing a specialised range of Amenity sprayers.

This range covers tractor mounted, trailed, de-mountable and skid units. In short we have a comprehensive range of products which is designed to meet the needs of the golf course, park or sports ground. By recognising the need for environmental controls, Hardi Ltd in association with Rogers Innovative are marketing the Windfoil Boom in mounted and pedestrian operated forms, also the Root Zone Injector. Hardi Ltd are also European importers for the renowned range of Greencare aeration equipment.

This range includes the Coremaster pedestrian and tractor mounted corers and the Shattermaster sub-surface aerator.

Finally, Hardi Ltd are distributors for the Greens Iron range manufactured by Woodbay Enterprises.

Pattisson's 100th year has been a landmark which the company chose to celebrate with the launch of the 100/100/100 Club which gave 100 golf clubs £100 each to towards the cost of attending education sessions at Harrogate.

"The on-going education of greenkeepers is paramount for the future of the golf clubs and we felt that by assisting clubs in providing help towards the education costs it would be money well spent," explained Mike Hinch, Managing Director – Sales and Marketing.

"We hope that the relationship that we have with BIGGA will continue to grow and that we will be able to work again on future events that help the golfing industry to

evolve even further," he added.

It has been a particularly busy year for Pattissons with one of the highlights being the acquisition of JDS (Customisation) Ltd, now called Cygnet Golf Ltd, Europe's largest supplier of golf gift products.

This year has also seen the opening of Pattissons Spanish Office, based in Marbella. H. Pattisson (Iberia) SL has been set up to sell both companies' range of products, while Pattissons is also having talks with a major supplier of top dressing to become the distributor for Spain and Portugal.

Members of the 100/100/100 Club are invited to visit the Pattisson's Stand at BTME where the 25th, 50th, 75th and 100th member will receive a valuable and

HAYTER LTD

Hayter have been producing top quality grass cutting products for over 50 years without compromising on quality. On Stand C42 this is more than evident with the products on display for golf course and local authority markets. Launched at SALTEX, the new Triple Turf Mower the LT324 featuring a 4 wheel drive "on-demand" system, will make its first visit to BTME. The successful FM514 Fairway machine now features an attractive cab and our pedestrian greens mower will show why this machine is fast becoming one of the most sought after greens mowers both at home and abroad.

JACOBSEN E-Z-GO TEXTRON

Once again we will be exhibiting some of our extensive range of turf equipment including products from Jacobsen E-Z-GO, Graneley, Turfco and Smithco. We will also be able to demonstrate our CD Rom parts system to interested parties.

KUBOTA (UK) LTD

The Super B series, the latest range of compact tractors from Kubota is the main attraction at this year's BTME show.

The three tractors in the Super B range (18hp B1700, 21hp B2100, 24hp B2400) made their debut in late 1996 to wide acclaim and confirmed Kubota's leadership in the compact tractor market.

A hydraulic lift capacity of 750kgs, a flat operator deck, high clearance and optional Buisard cab means the

Super Bs are designed to deliver maximum versatility to operators working in the local authority, contracting and golf maintenance sectors. Further flexibility is available with the option of Bi-Speed Turn on the two larger units.

Other Kubota machines featured at BTME '97 include tractors from the 35hp-45hp Grandel range, the 29hp ST-30 as well as selected ride on mowers.

TIL IRRIGATION LTD

TIL Irrigation are the UK Distributor for Toro Irrigation equipment. As such the company will be exhibiting the range of Toro PC based control systems including the CDS, which has evolved from Toro's SC3000. Available with radio remote control the CDS system shares the SC3000 decoder, which is renowned for its reliability. CDS is supplied as a package of Toro hardware and Toro software with full support for each from Toro and TIL. As always Toro's control systems are offered in conjunction with the comprehensive range of sprinklers which have led the way in gear drive rotation and control technology for many years.

ALLEN POWER EQUIPMENT LTD

Allen Power Equipment will be exhibiting their full range of power equipment suitable for use by golf clubs. This includes the new National 70" hydrostatic triple mower C/W collection boxes. Allen petrol hover mowers and brush cutters plus walkover sprayers. Also shown will

be the new ascender barrow which not only transports loads but lifts them as well. The full range of Echo power equipment will also be shown including brush cutters, blowers, chainsaws and hedge cutters. The popular long handled hedge cutter model HCA 2400 will also be on the stand.

NATURE FIRST LIMITED

Nature First Limited offer a comprehensive arboricultural service on a nationwide basis. Experts in supply, planting and maintenance of Semi-Mature Trees, the company undertakes major contracts for a wide range of clients. Transplanting of trees using their modern fleet of Tree Spades is regularly undertaken with excellent success rates. Machines with a rootball size of up to 2.1m are available for hire with experienced operators. Dedicated to the supply of the completed arboricultural service the Tree Surgery Division of Nature First has the facility to offer services such as consultancy, stump removal and brushwood chipping as an integral part of the operation. Highly skilled staff and modern mechanised techniques enable the company to offer competitive quotations in all areas. Enquiries are invited for contracts in Great Britain and Europe.

VITAX LTD

Since its launch at Saltex 1996 the new Vitax Sport Amenity Product Guide is being acknowledged by many professional Amenity Turf Managers as one of the most informative in the industry. These will be available at BTME 1997. Strongly featured on the Vitax stand will be their leading brand chemicals, Tecto, Fairy Ring Destroyer and Estermone, plus Ultraflo, the UK's leading long term wetting agent. Complementing the full chemical range will be the long established high quality Vitax key range of turf fertilisers.

SUPATURF PRODUCTS LTD

At Harrogate '97 Supaturf will have its biggest stand yet and will be introducing more products to its ever increasing range of water management products, offering all the benefits of new technology. In addition, the new Evensprey sprayer will be launched offering a compact and highly effective electric sprayer and it award winning Clean Carbon will be demonstrated. The new "Supaturf On-Line" service will be demon-

Who to look out for at BTME – it's the show of the year



strated, offering greenkeepers access to information and technical advice 24 hours a day, seven days a week. Another innovative year for Supaturf.

TORO COMMERCIAL PRODUCTS/LELY (UK) LTD

Toro will be showing the new Reelmaster 2600-D precision cut, all purpose triplex mower with a wide 85" cut for highly productive performance and featuring Toro's unique L-I-N-K-S cutting unit suspension system. Also on show will be the Greensmaster 1600, Toro's latest walk behind addition to the firm's market-leading Greensmower series with a wide 26" cut for high productivity on fine turf. Two important new attachments for the ride-on Greensmaster 3200 first shown at last year's BTME will be a grooming reel and thatching unit.

J.D GREASLEY LTD

The company which is a specialist contractor for refurbishment works and alterations to existing golf

courses, along with the construction of new courses has had a very busy time in 1996 having constructed over 40 new golf greens in the year.

A new 18 hole course at Springs GC, Oxon designed by Brian Huggett has been built while a new 11 holes have been built alongside the picturesque river Dee on Royal Deeside for Deeside GC. Due to open in '97 are 14 new holes at Gog Magog GC.

The company has unrivalled experience in carrying out alteration work with a minimum of disruption and disturbance to the club and its members. It also operates an extensive range of specialist plant and equipment, much of which has been developed through working on existing courses to ensure damage is kept to an absolute minimum.

JOHN DEERE LIMITED

Three new machines are making their debut on the John Deere stand. The 220A walk-behind greensmower features a new "operator presence sys-

tem", making the machine more comfortable and easier to operate. The new 4hp Honda engine is ISO mounted to reduce vibration, while the grassbox has a new mounting design and is ventilated to allow more efficient airflow while retaining the grass clippings.

The new John Deere 3215A lightweight fairways mower is a value-for-money entry machine, available in 2WD with five in diameter seven blade standard cutting units. In addition there is a new Roberine 802-D front-mounted rotary mower.

INDUSTRIAL POWER UNITS

Industrial Power Units (IPU) is now offering a soil gas measurement service with the AubAir IPU2000 analyser. Oxygen, Carbon Dioxide, Hydrogen Sulphide and Methane levels are processed and results presented in a basic report. Anaerobic conditions are responsible for many of the most common and persistent turf grass problems. This information can be used as an advanced warning and will assist in the formulation of the most effective aeration and maintenance programme. The SubAir blower system exclusively available through IPU may be a possible solution to poor soil gas and moisture retention problems.

CLEVELAND SITESAFE LIMITED

Cleveland Sitesafe Limited manufacture and supply a wide range of highly secure movable storage and accommodation units for chemicals, tools, fuel, equipment and personnel.

SEWARD GRASS MACHINERY UNITED

Specialising in turf compaction Seward is the first company in the UK to operate the vertidrain and now has available two 2.5m fairway and two 1.45 greens machines. Seward's have now added their own developed sand and gravel slitting machine to their range for both sale and hire marketed under the Jemison Agri Bander trade name. Overseeding is carried out with various types of drills, stone burying, hollow tining, fairway grooming with a collector is also available. Top dressing is carried out with a 1 and 4 ton spreader. We are also distributors for Force Limagrain Fortiva grass seeds, fertilisers and top dressing.

HEPWORTH MINERALS AND CHEMICALS LTD

Hepworth Minerals and Chemicals

Ltd (HMC) produces under the brand name of Pro-Sport a comprehensive range of graded sands, root-zones and top dressings for application within the leisure industry. Pro-Sport root-zones are available as USGA, Premier Golf, Golf and Sports Pitch. A new product will be on display at BTME 97 – Pro-Sport Eco-Zone, made using a green waste (peat free) product. The new Pro-Sport Leighton Buzzard White Bunker sand will also be on display. Pro-Sport Top Dressing products will also be on display, including the new Pro-Sport Eco-Dress, which again uses the Green Waste technology to provide a peat free top dressing product.

BRITISH ASSOCIATION OF GOLF COURSE CONSTRUCTORS

The Association have an interesting display of photographs covering the various golf courses that have been constructed by members during the past eighteen months. Constructor members are currently building eight new golf courses designed by various golf course architects both in the UK and Europe. They are also actively involved in various course alterations to existing courses. Members will be available during the show to answer any queries concerning the construction and maintenance of golf courses.

MOMMERSTEEG INTERNATIONAL

A comprehensive line-up of grass seed varieties and mixtures awaits visitors to the Mommersteeg International stand.

The display features Mocassin, a highly-rated slender creeping red fescue in STRI trials. Mocassin is the company's newest slender creeping red fescue with good disease resistance and high shoot density. It adds resilience to the turf and produces a dense, close knit even texture. The variety is particularly suited to golf greens, tees, bowling green, croquet lawns and ornamental turf.

Mocassin has been included in two specialist mixtures for the golf course – MM12, a mixture for tees and fairways and MM13, a fine fescue mixture for tees and fairways without smooth stalked meadow grass.

Also featured is the Mommersteeg biological seed treatment – improved Headstart. The re-formulated seed treatment is used on all Mommersteeg MM mixtures and ensures better root and shoot development, greater water absorption and improved photosynthesis.

IT'S BIG, GREEN...

... AND SECRET



TO BE REVEALED IN JANUARY