



February 2001 - £3.50

# Greenkeeper

INTERNATIONAL



# Fantastic!

BEING THERE MEANT EVERYTHING



# IMMACULATE GREENS

**DON'T JUST HAPPEN BY ACCIDENT!**

*They need Thatch-Awaying...*



*and topdressing...*



*and rubbing in...*



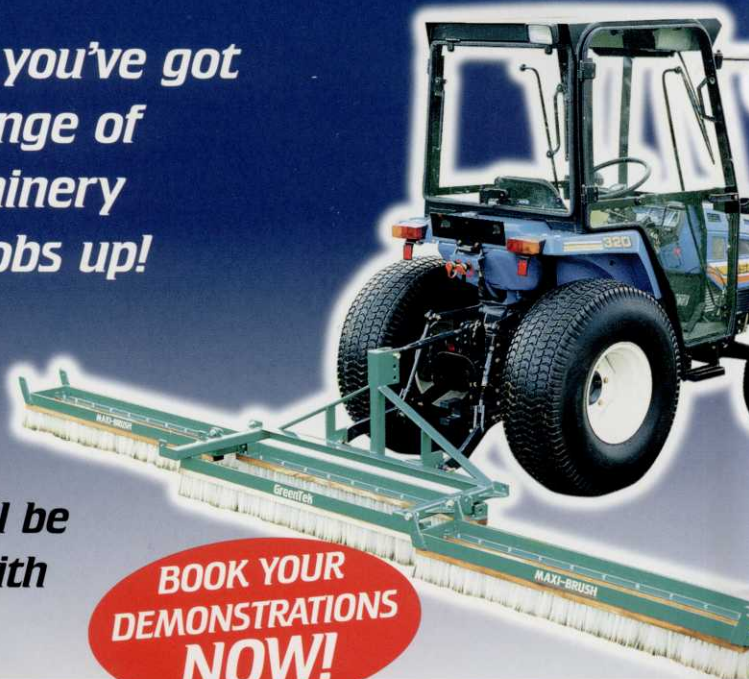
*and rolling!*



*Good job you've got  
GreenTek's range of  
time-saving machinery  
to speed all those jobs up!*

*Then, with the time you've saved, you'll be  
able to quickly groom your fairways with  
the super fast 18' wide Maxi-Brush*

**BOOK YOUR  
DEMONSTRATIONS  
NOW!**



**GreenTek - 0113 267 7000**

**INNOVATIVE TURFCARE MACHINERY**

**DESIGNED TO SAVE YOUR TIME**



## February 2001 advertisers

TICK ADVERTISER PAGE

Advanta Seeds	43
Allen Power	21
Angus Horticulture	24
Barenbrug	13
Bathgate Silica Sand	41
Eagle Promotions	45
Fern House Marketing Ltd	47
Field Irrigation	21
Gambetti Barre	43
Golf Car UK	24
Greensward	2
Hayter Ltd	50-51
Hunter Grinders	47
Hydroscap	13
ISS Irrigation Systems	21
John Deere	67
John Deere Credit	24
Kawasaki	29
Kubota UK Ltd	30
Lely UK	52-53
Lincmaster	23
Major Equipment	18
Motorkov	41
Par 4 Irrigation	18
Renault Agriculture Ltd	48
Rigby Taylor	11
SITA	29
Same Deutz Fahr	45
Scotts	39
Textron UK Ltd	7
Toro	68
Totrax	47
Vitax	41
Westurf	11
Yamaha Motor (UK) Ltd	23

# Greenkeeper

INTERNATIONAL

## Reader reply card

More than just a magazine – Greenkeeper International can help you find the right products or services for your golf course – for free! Just tick the advertiser whose product or service interests you, send the card back to us, and we'll pass on your enquiry. Further details will be rushed straight to you, directly from the advertiser. It's as easy as that and what's more, it won't even cost you a penny!

Name

Position

Company/Course

Address

Postcode

Work Tel:

Email:

## Subscribe today!

Because we deal with the issues which affect you, you can't afford to miss a single copy of the award-winning Greenkeeper International magazine. Subscription rates are: £36 for 12 issues (Europe £46). All you have to do is tick this box  then complete your details above, and post this card back to us. We'll then add your name to our ever-increasing list of satisfied magazine subscribers.

An invoice will be sent in due course.

BUSINESS REPLY SERVICE  
Licence No. YO 331

2



**BIGGA HOUSE**  
**Aldwark**  
**Alne**  
**York**  
**YO61 1UF**





## A guide to who's who at BIGGA

President  
Sir Michael Bonallack, OBE

**BIGGA Board of Management**  
Chairman - Clive Osgood  
Vice Chairman - Richard Barker  
Past Chairman - Elliott Small

**Board Members**  
Ian Semple  
Paul Jenkins  
Jim Paton  
Ian Holoran  
David Walden

**Executive Director**  
Neil Thomas  
E-mail: neil@bigga.co.uk

**Administration Manager**  
John Pemberton  
E-mail: john@bigga.co.uk

**Sales & Marketing Manager**  
Steve Hardy  
E-mail: steve@bigga.co.uk

**Editorial Media**  
Scott MacCallum  
E-mail: scott@bigga.co.uk

**Education & Training Manager**  
Ken Richardson  
E-mail: ken@bigga.co.uk

**Membership Services Officer**  
Tracey Maddison  
E-mail: tracey@bigga.co.uk

## Contact us

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

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

**E-mail:** reception@bigga.co.uk

**Internet:** www.bigga.org.uk

**Tel:** 01347 833800

**Fax:** 01347 833801

INVESTOR IN PEOPLE

# Greenkeeper

INTERNATIONAL

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

### Editorial

Editor: Scott MacCallum  
Tel: 01347 833800 Fax: 01347 833801  
E-mail: scott@bigga.co.uk

### Advertising

Sales & Marketing Manager: Steve Hardy  
Tel: 01347 833800 Fax: 01347 833802  
E-mail: steve@bigga.co.uk

Sales & Marketing Department:  
Cheryl Broomhead, Diane Bray, Meredith Foster  
Tel: 01347 833800 Fax: 01347 833802  
E-mail: sales@bigga.co.uk

### Design

Design & Production Editor: David Emery  
Tel: 01347 833800 ISDN: 01347 830020  
E-mail: david@bigga.co.uk

### Printing

Hi-Tec Print, Units 9-10, Houghton Road,  
North Anston Trading Estate, North Anston,  
Sheffield S25 4JJ ISDN: 01909 550561  
Tel: 01909 568533 Fax: 01909 568206

The advertising copy deadline for inclusion in the March 2001 edition of Greenkeeper International is Monday, February 19, 2001

### Greenkeeper International:

Contents may not be reprinted or otherwise reproduced without written permission. Return postage must accompany all materials submitted if return is requested.

No responsibility can be accepted for unsolicited materials. The right is reserved to edit submissions before publication.

Although every care will be taken, no responsibility is accepted for loss of manuscripts, photographs or artwork.

Opinions expressed are not necessarily those of the Association, and no responsibility is accepted for such content, advertising or product information that may appear.

Circulation is by subscription. Subscription rate: UK £36 per year, Europe and Eire £46. The magazine is also distributed to BIGGA members, golf clubs, local authorities, the turf industry, libraries and central government.

ISSN: 0961-6977

© 2001 British and International Golf Greenkeepers Association

## Advertisers' Index

Advertiser	Page
Advanta Seeds	43
Allen Power	21
Angus Horticulture	24
Barenbrug	13
Bathgate Silica Sand	41
Eagle Promotions	45
Fern House Marketing Ltd	47
Field Irrigation	21
Gambetti Barre	43
Golf Car UK	24
Greensward	2
Hayter Ltd	50-51
Hunter Grinders	47
Hydroscape	13
ISS Irrigation Systems	21
John Deere	67
John Deere Credit	24
Kawasaki	29
Kubota UK Ltd	30
Lely UK	52-53
Linmaster	23
Major Equipment	18
Motorkov	41
Par 4 Irrigation	18
Renault Agriculture Ltd	48
Rigby Taylor	11
SITA	29
Same Deutz Fahr	45
Scotts	39
Textron UK Ltd	7
Toro	68
Totrax	47
Vitax	41
Westurf	11
Yamaha Motor (UK) Ltd	23

# February 2001

Your next issue of Greenkeeper International will be with you by March 15, 2001

## Regulars

### News

Pages 4, 5, 6 and 8

### 9 Letters

### 10 Membership Update

### 10 Web Watch

### 12 Education

Ken Richardson asks members to have their say on what they want from their educational programmes

### 49-55 Around the Green

### 64 Trash equals Cash

Sandy McDivot empties his piggy bank in an attempt to raise money to open his own golf course

### 66 Features listing

Helping you track down some of Greenkeeper International's previous articles

### 66 As I see it...

New BIGGA Chairman, Clive Osgood, begins his year as a Greenkeeper International columnist

## Features

### 14 Passing the Baton

A profile of Clive Osgood, BIGGA's new National Chairman, and a man with greenkeeping running through his veins

### 16 Second Pass

Noel MacKenzie follows on his March 2000 article with another look at mowing practices



### 18 Water Way to Go

Graeme Francis gives some valuable advice to ensure that your irrigation system works first time after the winter break

### 22 TWOC

Roland Taylor looks at ways of ensuring your property is not Taken Without Owner's Consent

### 25 As Broad as it's Long

Broadstone Golf Club may be in a golfing backwater but it has a great deal to offer. Scott MacCallum spoke with Course Manager, Adrian Archer

### 31 Hedge your Bets

Eamonn Wall gives some practical advice about dealing with your hedges

### 34 Tried and Tested

Scott MacCallum visits the home of Kubota UK, one of BIGGA's longest standing Golden Key members and speaks with Deputy Managing Director Rene Orban

### 42 BTME Reviewed

Look back at a week which got the entire year off to a great start



14 Passing the Baton



18 Water Way to Go



25 As Broad as it's Long



31 Hedge your Bets



## Another one for the memory banks

As a week, it would be hard to beat Harrogate 2001. Virtually every aspect of it has been deemed a success ... and not just by those people involved in the organisation but by delegates and exhibitors, many of whom have contacted BIGGA HOUSE to say how successful, not to mention enjoyable, it had been for them.

Sure there were problems. I wouldn't have liked to have been stuck in one of the long, cold queues of people trying to get into the halls but that in itself is a measure of how successful the show had been. We've had queues in the past but not to the extent that they were significant hardship for the participants as they were this year. Having identified it as an issue it is something we will have addressed well in advance of next year.

There were many highlights for me during the week of the National Education Conference and the Show. There was the member, all the way from Germany, who, on the Sunday night, put on his jacket for the first time since the last year's Harrogate and found £200 in the top pocket. He'd forgotten all about it. It must be nice to have that sort of disposable income.

Another high point was the surprise appearance of BIGGA's Administration Manager, Johnny "Rotten" Pemberton, on stage with The Searchers, a truly unforgettable experience for all who witnessed it. I'd always thought John might possess the talent and the potential to be a great singer ... I'm afraid I was wrong.

It was also pleasing to see so many international visitors to the Show. Harrogate has always attracted a number of overseas members and friends but this year there seemed to be many more than usual, reinforcing the view that BTME week is an opportunity for the entire industry to come together and compare notes on problems and solutions.

Once again Textron must be given a vote of thanks for their support of the Learning Experience programme.

That 7,172 people chose to make a date with BTME during the two and a half days of the Show is quite astonishing. That represents a huge increase on previous attendance figures and marks the Show down, among existing and would-be exhibitors, as a vibrant and exciting event which must not be missed. It also goes a long way to justifying the decision to extend the show by half a day next year.

It was not a decision taken lightly, as Neil Thomas explains elsewhere in this magazine, but the flexibility the additional few hours will add will give everyone a chance to get round the entire show, while the exhibitors themselves will no doubt appreciate a more even flow of visitors over the three days.

News on the format of next year's Harrogate will be posted as and when it becomes available but you can be assured that BTME 2002 will build on the success of this year's event and once again be the highlight of the greenkeeping calendar.

**Scott MacCallum**  
Editor



## International membership growing!

Bert Cross describes his recent visit to Lusaka Golf Club.

While on holiday in Zambia I had reason to drive to the capital city, Lusaka, and on route drove past Lusaka Golf Course. From the road I could see some of the course, and I decided on my return journey I would call in to take a better look. When I arrived at the golf club, I made myself known by showing my BIGGA membership card which is always in my wallet, and was introduced to the Secretary/Manager, Mr Mulenga.

I was made very welcome, and invited to walk the course with him. I was very impressed with the condition of the course, and even more impressed when Mr Mulenga gave me a list of the machinery to maintain the course, which consisted of; one 20inch certes to cut greens; one 18 inch certes to cut tees; two MF tractors (fair condition); one three gang Toro drag sets and one Tractor rotary mower. The greens are Bermuda grass and are cut at approx six millimetres, three to four times weekly, the fairways are a mixture of very coarse grasses and cut weekly.

On our walk round the course I was introduced to the Professional/Head Greenkeeper Mr Zulu. He explained the diffi-



culty of getting fertiliser, and machinery, plus the high cost of both even if they are available. Bunkers on the course are mainly green side only, but you can run into other problems just off the fairways like, snakes, termites, army ants, and great numbers of beautiful trees lining the fairways. The course is 18 holes par 73, covering 240 acres, with fairways, tees, and greens with irrigation fed by three bore holes. Lusaka Golf Course was officially opened in 1935. The first major alteration was made during the war years, with the scrapping of some holes, and constructing new ones within the frame work of the remainder. In

1956 the course was re-designed to eliminate playing into the sun on the closing holes. The first grass green was planted in 1958, and by 1962 all 18 greens were grass. The irrigation during the months between October and January is used constantly due to high temperatures 30-40 C. The course is the venue for the Zambian Open, and Masters Champion Vijay Singh won his first tournament there in 1992. Ian Woosnam since then won a Range Rover for a hole-in-one. The course is in a beautiful setting, and a credit to Mr Mulenga and Mr Zulu considering the lack of machinery to maintain the course. A staff of 25 work on the course (male and female) hand weeding greens, and keeping down the rough with slashers (3 ft x 2inch steel blades sharpened both edges).

Thinning out the course grasses on the fairways is also done by hand, a task that could be solved with a good scarifier. The greens come under attack from all sorts of burrowing and flying insects, and every green has to be checked daily and sprayed if necessary. I was, as mentioned earlier made very welcome, and loaned a set of clubs, a caddie who knew the course inside out, and courtesy of the course. The golf club have now joined BIGGA.



## Top level changes at Textron

Textron Golf, Turf and Specialty Products International has made major changes to its sales and marketing teams.

Garry O'Neill joins the company as Sales Director for Europe and Africa. Previously with Toyota (GB) he held a number of positions, latterly in a strategic role responsible for product, pricing, marketing and distribution for light commercial vehicles.

Former Sales Director Peter Bell becomes Marketing Director, International with overall responsibility for all promotional activity, together with distribution development, product management and sales planning.

Neil Woodfin is appointed to the

new position of Customer Services Director, International with full responsibility for after sales support including service, parts and training.

All the above positions report directly to Managing Director, Harold Pinto.

Other appointments resulting from the senior management changes include: Ian Loveys, who joins the company as National Accounts Manager from Bosch Power Tools.

He replaces Richard Bishop, who after 32 years with the company, leaves with the best wishes of everyone in the Sales and Marketing team, to further his career within the turf care industry.



Above: Garry O'Neill



## Training priorities recommended by GTC Technical Committee

The GTC Technical Committee has set out its recommendations for Greenkeeper training priorities in a three year Business Plan.

"The work of the new Technical Committee within the GTC structure chaired by Dr Mike Canaway will enable the Management Committee to consolidate its position as the Leading Industry Body for Greenkeeping by achieving set objectives and ensuring funding is approved to meet these objectives in the development and implementation of Greenkeeper Education, Training and Qualifications," explained David Golding, the GTC's Education Director.

The Technical Committee consists of the following members:-

Chairman - Dr Mike Canaway  
 Consultants - John Davis, Tony Mears,  
 Course Manager; Kerran Daly, Course  
 Manager; Iain Ritchie, Course Manager;  
 David Golding, Education Director GTC, in  
 attendance and Sue Gudgeon - N/SVQ  
 Co-ordinator, in attendance

Bob McLaren, the Chairman of the Management Committee, has fully supported the work of the Technical Committee and has recommended endorsement of the Business Plan to the Management Committee. The representative bodies are currently considering the Business Plan including the financial implications to implement the Business Plan.

## IOG meeting to welcome one and all

The Bristol Branch of the IOG is to hold a special meeting at St. Mary's School, Cable, Wiltshire at which Steven Bernhard, of Bernhard & Co, will be giving an illustrated talk, "Why lap?". Anyone who uses a cylinder mower should find this an extremely interesting talk.

The Branch will give a warm welcome to any member of BIGGA who would like to attend the meeting.

This is the first meeting the IOG have held in this area, and they would appreciate if those intending to come along would first phone Ted Cavell on 01278 788689, so that they may arrange a room of a size to fit the number attending. (Evening calls to Ted would be appreciated).



The third year of the RigbyTaylor sponsored Matchplay Knockout tournament for the South Wales Section members saw 32 individuals equating to 16 pairs from 19 golf clubs. This year's final, as usual at Royal Porthcawl Golf Club, was between last year's winners Team Morrision consisting of Daryl Bray and Leigh Davies against Team Pennard consisting of Peter Lacey and Robert Hanford. On this occasion though the Champions were unseated and Pennard clinched the trophy on the 15th green.

## Grand Tour Scholarship 2001

The Grand Tour Scholarship invites golf course design and golf course management students for the second time to apply for a journey to leading golf courses throughout the United States in August 2001. The scholarship offers a unique learning experience to future leaders in our industry. TORO sponsors this year's scholarship that has been organized by Bettina Schrickel, golf course architect (EIGCA) and president of Lioness Golf LLC.

The scholarship offers four students the opportunity to visit a variety of famous historic and modern golf courses on the east coast and west coast, respectively. The two study tours include golf courses such as Augusta National, Harbour Town Golf Links, The Count' Club in Brookline, Cypress Point, Pebble Beach and Castle Pines to name just a few.

Both study tours will take place in August. The Western Route will lead to 20 golf courses in 23 weeks; the Eastern Route includes 23 courses and takes four weeks. Experience has proven the benefit of two students traveling together per route in order to exchange knowledge and impressions. Students will have the opportunity to walk each course, study the layout and talk to the golf course superintendent.

Golf course design and turfgrass management students from all over the world are invited to apply. Applicants shall be at least 21 years old and have demonstrated significant efforts and results in their educational career.

The scholarship covers costs for air-plane tickets, rental cars, hotel accommodation and cellular telephones for the duration of the journeys and provides students with the Scholarship Route Book that includes detailed directions, useful information and safety advice.

Applicants must be in possession of a valid passport and an international drivers licence. It is the students own responsibility to obtain a tourist visa for the United States, if applicable, and full health and travel insurance prior to departure.

The deadline for completed applications is April 15, 2001.

The Grand Tour Scholarship Committee will select successful candidates according to the contents and quality of application documents.

For application forms or further information, please contact Bettina Schrickel by phone on (+1) 954462 0157 or via email: [ftjbettina@aol.com](mailto:ftjbettina@aol.com)

## Edgbaston GC

A verdict of death by misadventure has been returned on Alan Cutler, Deputy Head Greenkeeper and a much valued staff member of Edgbaston Golf Club, who was crushed by a mower after it toppled onto him as he cut round a bunker's edge.

The Birmingham inquest was told that Alan, who had been at the club for 34 years, had been cutting round a bunker on the 15th hole in March last year when the incident occurred.

When Alan didn't return to the maintenance facility Course Manager, Mike Hughes, went to look for him and found him trapped underneath the machine. It took three men to lift the machine off him and he was declared dead at hospital having suffered respiratory failure due to a crushed chest.

The jury, after having been guided by the Deputy Coroner, took 45 minutes to come to its unanimous verdict. Earlier it had been told that it was the club's normal practice to mow to within at least a foot of a bunker's edge and then hand mow the remainder but that on the occasion in question it was apparent that Alan had been mowing to within one to three inches of the edge.

The Environmental Health Inspector, Pauline Beever, advised that she was not proposing to prosecute as the club had demonstrated that it was a responsible employer and had implemented all recommendations since the accident.

The club had a Health and Safety Policy in place but has tightened its practices still further on the strength of what the HSE had said following the accident.

It has also bought a new machine with a sidewinder mechanism which means operators stay further away from the edge of banks while roll bars have been fitted to every piece of machinery which could accommodate them.

"I think one of the main lessons that other clubs could learn from our very sad experience is to keep in regular contact with the local Health and Safety Executive and see any input as a positive contribution to the working of the club and not a hindrance," said Edgbaston Secretary, Peter Heath.

"We have always had a good relationship with the HSE but having had such an accident on our golf course it has made us even more aware of the need for good practice," he explained.

A civil compensation claim is currently being pursued by 56-year-old Alan's family through the Club's Employer Liability policy.

## Website clarification

Anyone finding difficulty accessing Dr Kate Entwistle's website which was listed in last month's magazine may have been confused by a dash which appeared at the end of the line but in the middle of the address.

The website can be accessed at: [www.theturfdisseasecentre.co.uk](http://www.theturfdisseasecentre.co.uk)

## Royal Inverdivot GC...

[www.tonyhusband.co.uk](http://www.tonyhusband.co.uk)



check →



## Volunteers required!

Volunteers required for the following events:

Volvo PGA Championship, The Wentworth Club, May 25-28, 2001

The Association will again be providing a support team for this prestigious event, this year, for the first time, it will operate on each of the four competition days. Each team member will be allocated a match and will walk the course with the game, raking any bunkers found by the players. In addition, should adverse weather conditions prevail, you may be required to assist the Wentworth greenkeeping staff in keeping the course playable.

You will be responsible for your own transport arrangements to the course and there is no provision for overnight accommodation. You may apply to help on any or all days and usually all those who apply are given the chance to participate on at least one day.

When applying please give details of your polo shirt size as this may be provided together with daily meal vouchers.

Helping at this event will not prejudice your chances of a place on The Open Championship Support Team.

The Open Championship, Royal Lytham & St Annes, July 19-22, 2001

The BIGGA Greenkeeping Support Team at The Open Championship will be involved in early morning course preparation; bunker raking, while matches are in play, and evening course repair. You must be available from Wednesday evening, July 18, through to the close of play on Sunday, July 22. While all transport, accommodation and meals will be provided between these dates it is the team member's responsibility for travel from home to the venue and return. When applying please give your polo shirt size.

Full BIGGA members only may apply in writing, for either or both of these events to: John Pemberton, BIGGA HOUSE, Aldwark Ane, York, YO61 1UE. Should you require any further information John can be contacted on 01347 833800 or via email: john@bigga.co.uk

The Wentworth support team will be co-ordinated by the BIGGA South East Region and Derek Farrington, the Regional Administrator, is available to offer help or information. Derek can be contacted on 01903 260956 or mobile 07850 162401.

The closing date for applications is Friday March 2, 2001 and in the event of there being more applications than places available then a draw of names will take place.

## Correction for disease-free turf article

In the article on Disease-free turf which appeared on pages 23 and 24 of last month's magazine we inadvertently mixed up the photographs so that the Take-all Patch pictures appeared above the description for Fusarium Patch and the Fusarium Patch pictures appeared above the Take-all Patch description. We apologise for any confusion caused by this error and hopefully make up for the error by printing a corrected version for both diseases this month.

Anyone seeking further clarification information should acquire BIGGA's Turf Major Pest Diseases Field Guide which gives detailed information on turf diseases. A copy can be obtained for BIGGA HOUSE.

### Fusarium Patch

#### Symptoms

Orange brown patches, 2.5 to 5cm across, increasing in size under suitable conditions. Can coalesce to affect large areas. Disease often very active following periods of snow cover, when it appears as an orange-brown ring surrounding a pale straw-coloured/slightly pink centre.

#### Occurrence

Any time of the year when conditions are suitable, but especially spring and autumn and after snow.

#### Grass species involved

Annual Meadow-grass (*Poa annua*) is the main species attacked but the fungus also attacks Bent Grass (*Agrostis* spp) and occasionally other grasses. Host preference is diminished when disease attacks under snow cover.

#### Other influencing factors

Shade, humidity, alkaline surface, inefficient drainage, excess nitrogen.

#### Control measures

Identification of influencing factors and application of appropriate remedial measures.



### Take-all Patch

#### Symptoms

Rings or part rings of orange/brown grass from 0.1 to 1 metre in diameter. The band of drying grass is usually about 0.1 metre across and is predominately the result of a fungal attack on the roots which become grey and discoloured, thereby allowing the affected plants to be easily plucked from the turf. At certain times, a black reproductive structure, known as perithecia, may be seen low down on the stem. This is usually found immediately below the leaf junctions. The perithecia contains many banana shaped asci, each containing 8 long ascospores which serve to spread infection. Infected patches become devoid of bent-grass species and contain only non-susceptible grasses.

#### Occurrence

Most common in late summer and autumn.

#### Other influencing factors

Waterlogging and surface alkalinity increase the likelihood of this disease

#### Grass species involved

Bent grasses (*Agrostis*)

#### Control measures

Avoid over application of lime during the summer. Liming is best done in the autumn and, after a suitable interval, should be followed by a dressing of fertiliser to re-acidify the surface. Attention to drainage of wet areas is recommended



## Trials and tribulations



Alan Domett of Devon Garden Machinery has a lot to answer for, he is the one responsible for Stuart Dymond's occasional absences from his beloved golf course at St Enodoc on Sunday mornings. His generosity led to greater things as he pursued his other passion that of Pre-65 motor bike Trials.

It was through Alan's sponsorship that Stuart was able to compete on his much prized Triumph Tiger Cub and which saw him win the 1998 Launceston Motor Cycle Club Championships followed by a runners up in 1999. It was this generous sponsorship by Devon Garden Machinery that further encouraged Stuart to have his own Triumph Tiger Cub restored. This was completed in 2000 and enabled Stuart in continuing to forego the beauties of the fabulous North Cornish coastal scenery that are St Enodoc and aim for his third crack at the Launceston Championship.

So partly on Alan Domett's Tiger and finishing on his own little gem he has now gained a second Championship for 2000. From little acorns as they say and a timely connection with Devon Garden Machinery Stuart next venture will be much further afield at the national Pre '65 Trials held in Scotland in 2001.

## IOG Conference

The IOG 2001 Conference is on the theme "Caring for the Environment with each of the three days following a different topic Rootzone Stimulants; Water Management and Recycling.

Among the excellent group of speakers are Dr Alan Gange of Royal Holloway College who will talk on "Microbial management of turf- myth or reality?"; Prof Cliff Johnston - Environmental Consultant on "Seaweed - an environmentally friendly turfgrass stimulant?"; Martin Ward, of Symbio on "Rootzone nutrition - the biological route explored" and Kim Von Essen, Course Manager of Losby Golf Course in Norway, on "But does it really work? - practical experiences of the biological route from a grounds management professional". Among those speaking on Water Management are Carol Holt of the Environment Agency; Alex Vickers of Cranfield University and Victor Jamieson of Rain Bird Europe.

The Conference runs from Friday March 30 through to Monday April 2 at The Thistle Hotel, Haydock.

Further information can be obtained from the IOG Tel: 01908 312511.

## A Trans-Atlantic promotion for Deere's Alex

John Deere's UK Managing Director, Alex McKee, has been promoted to the position of Vice President, Worldwide Marketing in the company's agricultural division, based in the USA at Lenexa, near Kansas City.

He is being replaced at John Deere Limited by Clay Sherrill, who is currently Sales Branch Manager of the Minneapolis branch in the USA.

"I have had 28 very happy years working for John Deere Limited, the last eight as Managing Director," said Alex McKee.

"A major part of my new responsibility will be to ensure that we have the right products to meet our ever changing customer needs, and to provide increased customer and market development support on a global scale."

Clay Sherrill is a graduate of Wofford College and gained an MBA from Georgia State University before joining Deere & Company in 1977.

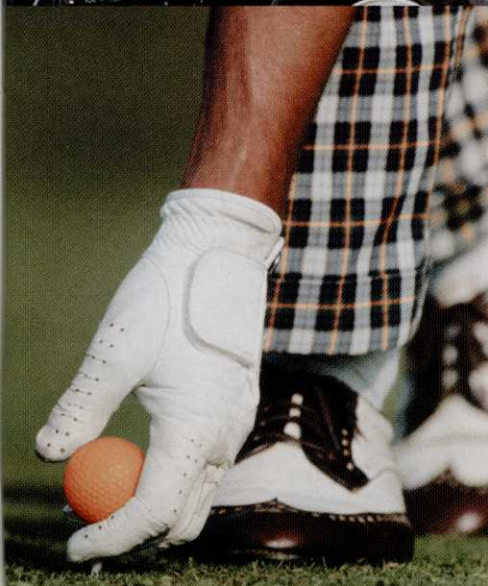
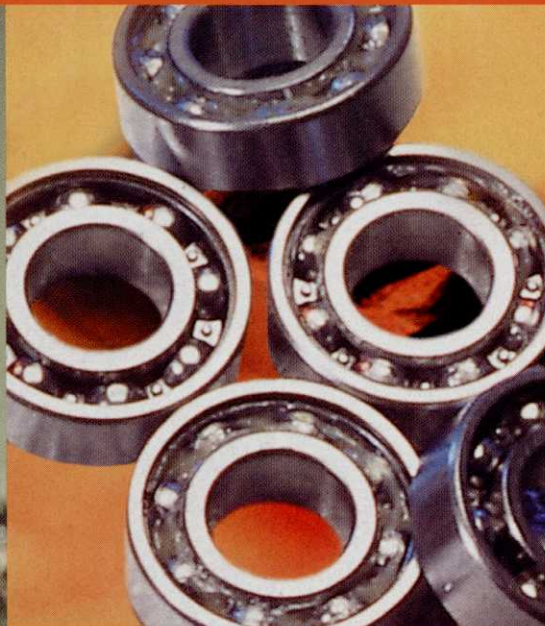
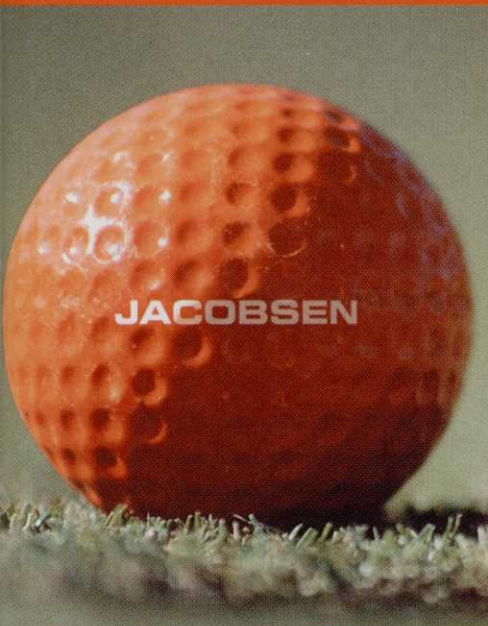
He held a variety of marketing roles in different North American sales branches before becoming

Minneapolis sales branch manager in 1998.

"I am looking forward to learning about the business in the UK and Ireland, and to settling my family here in the next few months," said Clay Sherrill, who is married with two children.

"Europe is more advanced in some ways than the USA, particularly with regard to more intensive use of machinery and the highly competitive nature of the marketplace - it promises to be an exciting challenge.





For **GOLF**, the brand is **JACOBSEN**, the colour **ORANGE**  
and the number to call is **FREephone 0500 026208**.

**JACOBSEN**

[www.textronsolutions.com](http://www.textronsolutions.com)

Central Avenue, Ransomes Europark, Ipswich IP3 9QG England. Tel: +44 (0)1473 270000 Fax: +44 (0)1473 276300

**TEXTRON**  
GOLF AND TURF PRODUCTS





Usually the spotlight falls on the Course Manager or Head Greenkeeper at a Club.

Now it is the turn of those whose work often goes unheralded to star.



**Name:** Tracey Scourfield

**Club:** Vale of Llangollen

**Position:** First Assistant

**Age:** 27

**1. How long have you been a greenkeeper?**  
Nine years

**2. What education are you currently undertaking?**  
Level 3 at the Welsh College of Horticulture, Northop

**3. Which one task do you most enjoy doing?**  
Cutting the greens on a summer's morning

**4. Which one task do you most dislike doing?**  
Aerating the greens

**5. What job other than greenkeeping might you have ended up doing?**  
Gardening

**6. Who has been the biggest influence on your career?**  
My Course Manager, Jeremy Hughes

**7. What would you do to improve the life of a greenkeeper?**  
Get golfers to realise that when the closed sign is up that it's for the good of the course and not just to annoy them!

**8. What are your hobbies?**  
Going to the gym, reading Stephen King novels and surfing the web

**9. What do you get out of BIGGA?**  
BTME and educational seminars

**10. What do you hope to be doing in 10 years time?**  
Working somewhere where it doesn't rain 12 months of the year!

## New Golf Course Consultancy formed

John Nicholson has joined with architect, Ken Moodie and golfer Ken Brown to form a new Golf Course Consultancy.

The services offered by the new company range from feasibility studies, layout proposals, advice on construction programmes, production of contract documents, woodland design and establishment, grant applications as well as advice on all aspects of existing courses.

"The growth of John Nicholson Associates has meant that golf course architecture was increasingly becoming an issue that had to be dealt with and the natural progression was to expand into the area.

"It soon became apparent that the philosophies held by Ken Moodie, Ken Brown and myself were so similar that the obvious solution was to work together," said John.



## Career move to Renault for Ian



Renault has appointed Ian Thomson as its new Groundcare Product Manager, with responsibility for tractor sales to the non-agricultural sector.

He joins Renault from Scottish Grass Machinery, where he set-up, and was manager of, its SGM Industrial division, for which he took on the non-agricultural franchise for Renault in Scotland which proved a tremendous success among both the groundcare and local authority sectors.

"There is massive potential in the non-agricultural sector and it is the product that has drawn me to Renault," says Ian.

"Renault is the only wholly European tractor manufacturer left. It has the product range to suit the market and various sectors within it."

## Tim's appointment at Grass Science



Grass Science, has appointed Tim Colclough as an Agronomist.

Tim has a background in geography, geology and crop protection (specialising in soil science).

He began his career with the STRI before leaving in 1994 to retrain in the education sector.

After a period of teaching for South Tyneside LEA in 1998 he moved on to become a lecturer in Turf Science at Myerscough College.

Tim has a vast knowledge on golf course maintenance and other sports turf areas and is an important addition to the team.

He is in the process of establishing an office in the North East which will allow him to service this area quickly and efficiently.

## BTLIA announce award winners

The British Turf & Landscape Irrigation Association Personality of the Year, announced at BTME, is Glyn Prime, Director, Prime Irrigation Ltd.

Glyn, who joined the family business in 1964, then involved in agricultural and horticultural markets, later became head of system design, adapting his skills to the sports turf market when his company broadened the scope of operations, in 1986.

"I was very surprised - shocked perhaps - to receive the award which made to me as an individual, also reflects great credit on my company. We have been members of the BTLIA for 14 years and I know first hand, just how much work the organising committee accomplished for the good of all those involved in designing, installing and using fine turf irrigation," said Glyn.

## A tree-mendous move for David



David Cassie recently joined the tree and woodland management firm of Eamonn Wall & Co., based at their Dollar office, where he has taken over from Steve Collins, recently departed on a five year stint to Honduras. The firm specialises in the planting and management of trees in the golfing landscape and David, a native of Newcastle with a degree from Aberdeen University, will be working on golf courses throughout Scotland and England.

## Carl gets new role at Sisis

Carl Tooley has been appointed Sales Office Coordinator at Sisis Equipment Ltd, the Cheshire based turf maintenance machinery manufacturers.

Carl has 22 years experience with SISIS, having worked as an assembler, in Spares Despatch and then for 14 years as Stores Supervisor.

Carl was Cheshire Youth Darts Champion and his other hobbies include computers, growing fruit trees, biking and supporting Manchester City FC.







Address your letters to The Editor, Greenkeeper International, BIGGA HOUSE, Aldwark, Alne, York YO61 1UF, or email them to [reception@bigga.co.uk](mailto:reception@bigga.co.uk)

## Story left me in floods of tears!

After reading Elliott Small's final "As I see it" where he said he would like us to write in with something humorous about flooding it brought to mind something which happened at Lenzie Golf Club some years ago.

In the distant past the area around Lenzie was known as the Loch lands. Most of the smaller stretches of water were drained into man-made ditches, hence to burns and rivers. Now the one remaining loch is the Gadloch and 200 years ago this was reduced to a mere pool by building a 1,000 yard tunnel and taking the water to a burn running into the River Kelvin.

Now the tunnel is collapsing in places and silts up so the Gadloch can rise six to eight feet. Part of Lenzie Golf course is built on reclaimed land from the Loch. As far back as I can remember parts of the course have been under

water in exceptionally wet weather.

As the years wore on and nothing was done about repairing it the Gadloch is spreading out back to its old locations.

One night, after my day's toil on the course and during a very wet period, I was having my usual refreshment in the bar when one of our members rushed in and breathlessly told us that 'they' were pumping out the loch. As you can imagine, everyone stopped talking and awaited the next utterance from the very welcome messenger. "Yes," he said, "the Fire Brigade are up at the head of the loch where the road is flooded and they are pumping out the Loch."

I think I was first to jump in with "Pumping out the Loch?", "the Loch has risen some six feet in the past week, no one could pump that amount of water out". There was murmuring all around that a start had to be made

somewhere. I felt I had to stop all this wishful thinking and stupidity. I asked what size of hoses they were using and, more importantly, where they were pumping the water to. The answer was "I don't know. I just know that the Fire Brigade are starting to empty the Loch."

I could not listen to any more of this rubbish so I jumped in my car and arrived to see the Fire Brigade clearing up their hose pipes. They had been requested by the Police to clear the drainage system which was blocked and causing the road to flood. I told to him that one of our members had just come into the Clubhouse and said they were pumping out the Loch. We looked down the Loch, and looked at his equipment and we both just laughed.

Cecil George, Lenzie

## Thanks for Canadian trip from Andrew

I would like to thank BIGGA and Bernhard and Company for being one of ten delegates from the UK chosen to visit the Canadian International Turfgrass Conference in Vancouver in February. I find it an honour to represent the Association and the Scottish Region at such a big event, and I am looking forward to the trip abroad and meeting many new friends while over there.

I will be able to share the knowledge and experience that I will gain while in Canada with my colleagues on my return, whether it be through the pages of Greenkeeper International, or giving a talk to fellow greenkeepers in the near future. I think that I speak for all 10 delegates that this should be a trip of a lifetime and personally I am really looking forward to it.

Once again I would like to thank BIGGA and Sam McLean, of Bernhards and Company for being selected for this trip.

Andrew Forrest, Head Greenkeeper, Oatridge GC

## A plea for help

I am putting together a presentation showing some of the unusual situations or problems which can occur on a golf course - oil spillages, machinery in lakes; animal damage, land slippage etc and was hoping that fellow members might assist me by sending photographs of some of the things which have happened on their golf courses.

I would scan the photographs and return them straight away.

Terry Crawford, Clondeboyne GC, Conlig, Newtownards, Northern Ireland BT23 3PN. Email: [terry@crawford1.totalserve.co.uk](mailto:terry@crawford1.totalserve.co.uk)

## Help needed with sandy dilemma

We have two golfing hotels in the Midlands: the Abbey Hotel Golf & Country Club near Redditch has an 18 hole golf course and we have just developed a new 9 hole golf course at Lea Marston Hotel & Leisure Complex. The latter was built between February and July last year by Contour Golf under the leadership of Ingrid Eichler. Contour have done a fabulous job and the golf course has grown in extremely well and is virtually fit for play already. We actually won't be opening the course to the membership until April 1 this year.

The course at the Abbey is 15-years-old now and was constructed to a fairly high standard such that tees and greens drain

beautifully. However the clay content of the sub soil and top soil means that water retention is a serious problem. Indeed, as like many other clubs, the course has been shut for approximately half of October and November. Over the last 18 months we have installed around £100,000 of fairway drainage - so we are trying, but the recent rain has not been able to get away effectively from the surface. Last year we bought a vertidrain machine which is proving to be of some use. However we really do need to transfer some large quantities of sand into the fairways.

I would be very pleased to hear from other BIGGA members whether they have come up with a cost effective solu-

tion for spreading large quantities of sand effectively over an area with preferably a relatively low ground pressure being applied. This I would imagine is a fairly universal problem and I do feel that a survey would be most beneficial not only to us but to other members, ie including best sand, type and cost and machinery used and/or third party contractors.

M I Blake, Managing Director, Lea Marston, Haunch Lane, Lea Marston, Sutton Coldfield, Warks B76 0BY

Editor's note: Anyone with information to help should write to the Letter's Column or direct to Mr Blake at the above address

## New-look Membership packs are a great success

I have just received my BIGGA Membership Pack. Congratulations indeed, you have outdone yourselves. What a fantastic surprise to receive in the post. In this part of the world we never get anything as comprehensive as this, so it was very welcome. Also in Africa we are not used to receiving something dated 5th January by the 11th January. In Harare letters posted today may arrive 8 kms down the road 3 months later! Best wishes for 2001

Doug McClymont

## Tribute to Fred Hawtree

Fred Hawtree's passing reported in your December issue, was to me very sad reading, primarily because being unaware of his death, I was not able to pay my respects earlier to one of the industry's true gentlemen.

When I took over the publishing of Golf Greenkeeping for BIGGA in 1982, Fred was one of the first to offer his support offering produce for me a series of articles on golf course architecture. They were always amusing, written with style, had a sound message for greenkeepers, but never preached in a manner that others who put pen to paper, were so inclined to do.

Not that Fred accepted fools lightly. There were several occasions when either I or my typesetter had altered a word or phrase, worst still, subbed out a few paragraphs to fit the page and then the 'gods of wrath' descended almost before his copy of the magazine had fallen through the letter box.

I still have all the original manuscripts he typed out in clean double spaced

copy, totally free of any grammatical errors or spelling mistakes and what is more he never charged or accepted a penny payment from me or the Association.

Our most precious memory of 'Uncle Fred' as he was known to my wife, was an invitation to lunch on a fine summer day at the Hawtree office in Woodstock.

Driving down a crowded Oxford Road, every car parking space was taken, except for one right outside number 5. There was a large board with just three words in capital letters on a white background. It read - RESERVED FOR LELEAN. What a welcome!

I have had the pleasure of playing many of Fred Hawtree's courses over the past 18 years. Always demanding, of impeccable standard, distinctive, but fair. That precisely sums up the man and is a fitting tribute to a long and distinguished life.

John Lelean, Wetherby

## Thanks for BIGGA education packages

While reading Greenkeeper International this month, I came across a letter from Antony Kyle giving praise to BIGGA for their training courses. I also had the good fortune to go on a course with my Head Greenkeeper, at which Brin Bendon was lecturing, and I too, thought it brilliant.

When I arrived back at work, my Club Secretary asked me how I got on. Well I didn't shut up telling him about it! I have only been in greenkeeping for a year now and I really took it all in because I want to try to better myself for the future.

I hope I have the opportunity to go on more courses because Brin has a gift of keeping you listening throughout the whole course.

Derick Forster, Cosby Golf Club

PS. Thank you also to Greenkeeper International for also helping me learn more about greenkeeping. I have benefited from some of the articles in the last year.



**This month, Tracey Maddison, BIGGA's Membership Services Officer, welcomes over 60 new members to the Association, and highlights a brand new membership benefit...**

# Get Connected!

Insurance has become part of our everyday life, we require insurance for houses including contents and buildings, travel insurance, cars, motorcycles, there is even insurance for our pets!

BIGGA have teamed up with Heath Lambert Insurance Services Ltd to provide BIGGA Members with an exclusive insurance quotation service called 'Key Connect'. When you next receive your renewal quotation through the post or you need a quotation for a new insurance why not give Key Connect a call on;

**Key Connect** Connecting BIGGA Members with an exclusive insurance quotation service

**KEY FEATURES:**

- Specialist Insurance
- Annual Renewal
- Business Trip Cover
- Self Insured Retention Cover
- Key Loss

**KEY FEATURES:**

- Fast of Services & 24hr's Specialist
- Legal Expenses
- 24 Hour Legal Helpline
- 24 Hour Emergency Helpline
- 24 Hour Claims Helpline Line
- Key Loss

**KEY FEATURES:**

- Specialist Services & 24hr's Specialist
- Legal Expenses Cover
- Home Contents cover in the event of a fire/burglar or theft
- Legal aid - instant payment of fees for personal injury or medical fees up to £10k, without paying any claim costs
- Road Repair Cover

**Call now on: 0845 0765672**

## December Renewals

If your Membership renewal date was 31 December 2000, it still isn't too late to renew. Contact Tracey or Susannah in the Membership Services Department for more information, or if you have any queries at all regarding Membership services or benefits.

You can contact us in a variety of ways:

**Tel. 01347 833800**  
**Fax. 01347 833801**  
**Email: tracey@bigga.co.uk**  
**susannah@bigga.co.uk**  
**Web: www.bigga.org.uk**

## KEY CONNECT

**0845 07 65 672**

They will provide you with a competitive quotation service.

Whatever your insurance needs give Key Connect a call today.

## BIGGA welcomes...

### Scottish Region

David A Coull, East  
 Barry Huyton, North  
 Stuart Kelly, East  
 J Derek Kerr, East  
 David W Moir, North  
 Michael Thomas Scott, East  
 John Wood, East

### Northern Region

Mark Foster, North West  
 Anthony Mills, North West  
 David Smith, North West  
 John Stepney, North West

### Midland Region

Andrew Barlow, Midland  
 Martin Bond, Midland  
 John Frank Carter, Midland  
 Alan Cousins, East Midland  
 Joseph Forster, E of England  
 Desmond Philip Hardy, E of England  
 Stuart Mellors, East Midland  
 William James Phelps, BB80  
 Matthew Ritchie, E of England  
 Graeme Sloman, East Midland

### South East Region

Christopher Archdale, Surrey  
 Lee Allan Cheney, E Anglia  
 Andrew G Cloud, Sussex  
 Ricky Goodman, London

Gerard Lucien Gosling, E Anglia  
 Martin David Guy, Essex  
 William Harrod, Sussex  
 Laurie Noble, London  
 Ian Smith, London  
 Terry Wigzell, Surrey  
 Danny Wranglessworth, Surrey

### S West & S Wales Region

Graham John Biles, South West  
 Stephen Edward Cudley, South West  
 Stephen Michael Gillam, South West  
 Matthew Goodman, Devon & Cornwall  
 Keith Kemp, Devon & Cornwall  
 Anthony John Parker, Devon & Cornwall

### Northern Ireland

George Samuel Fitzpatrick

### Republic of Ireland

Anthony Daniel Tracey

### International Members

Simon James Cooper, Austria  
 Neil Christopher Shawcross, Germany  
 Jonas Gustafsson, Sweden  
 Roger Lindstrom, Sweden  
 Brandon Phillip Jones, Africa

### Associate Members

Douglas F Welch, East

Craig Brisley, Essex  
 Peter Colin Hyman, Surrey  
 Keith Kensett, Surrey  
 Rachael Geake, South West

### Student Members

John Peter McMurchie  
 Colin Paterson  
 Steven Wilson  
 Daren Paul Buckingham  
 Jonathan Conway  
 Iestyn Rhys Jones  
 Richard S Stephens  
 Simon Matthew Ashley  
 Roger A F Roberts  
 Barry Michael Cord  
 Tom Granite  
 David K Smith  
 Andrew John Sprunt  
 Robin J R Cheney  
 Peter Thomas Tulk

Check out your March edition of

**Greenkeeper**

for all of the new members from January 2001!

## December's Monthly Membership Draw Winner

Just introduce one or more new greenkeeping members to BIGGA and your name will be placed into a draw to win a fantastic BIGGA sportswatch. Our congratulations go to January's winner, Mark Broughton of Aldeburgh GC.

# Get online, it's

Since BIGGA relaunched its website in June last year, we have been constantly updating and adding new and improved content for members and visitors alike.

As part of our continual programme of improvement we are now proud to announce the launch of our brand new 'Time to Talk' Bulletin Board. This service will enable all Greenkeeping members of BIGGA to discuss any topic of interest relevant to their profession, online.

## How do I chat online?

'Time to Talk' is located in the BIGGA website Members' Area, and can be accessed by logging into the Greenkeeper Members Area. Simply enter your surname and date of birth, and once in the Members' Area, click on the Bulletin Board icon. A second window will automatically open, from where you can either register (if you are new to the Bulletin Board), or Login, if you have previously registered.

Once you have completed the registration process, you can login, and go to the Home Page of the Bulletin Board. From here you can organise your home page to meet your own requirements and select and view any of the discussions ongoing. You can create a new topic, or reply to an existing one. How about;

- Getting help and advice from fellow members?
- Renewing friendships with colleagues?
- Sharing ideas and challenges online?

WELCOME / WILKOMMEN / BIENVENUE / BUENOS VENIDOS

- About BIGGA
- News / Events
- Membership
- Education/Development
- BTME
- Greenkeeper International
- Directory
- Links
- Mailing List

**BIGGA**

The British and International Golf Greenkeepers Association  
 The UK professional body representing over 7000 golf Greenkeepers worldwide

**TIME TO TALK**  
 www.bigga.org.uk  
 CLICK TO ENTER

Search Site

**TIME TO TALK**  
 www.bigga.org.uk

Whatever your question, BIGGA's 'Time to Talk' Bulletin Board is the place to ask it. So visit [www.bigga.org.uk](http://www.bigga.org.uk) and login to the members area for an exciting and communicative experience!

The British and International Golf Greenkeepers Association  
 The UK professional body representing over 7000 Golf Greenkeepers worldwide

**TIME TO TALK**  
 www.bigga.org.uk

Since BIGGA relaunched its website in June last year, we have been constantly updating and adding new and improved content for members and visitors alike.

As part of our continual programme of improvement we are now proud to announce the launch of our brand new 'Time to Talk' Bulletin Board. This service will enable all Greenkeeping members of BIGGA to discuss any topic of interest relevant to their profession, online.

How do I chat online?  
 'Time to Talk' is located in the BIGGA website Members' Area, and can be accessed by logging into the Greenkeeper Members Area. Simply enter your surname and date of birth, and once in the Members' Area, click on the Bulletin Board icon. A second window will automatically open, from where you can either register (if you are new to the Bulletin Board), or Login, if you have previously registered.

Once you have completed the registration process, you can login, and go to the Home Page of the Bulletin Board. From here you can organise your home page to meet your own requirements and select and view any of the discussions ongoing. You can create a new topic, or reply to an existing one. How about;

Getting help and advice from fellow members?  
 Renewing friendships with colleagues?  
 Sharing ideas and challenges online?

Clicking help and advice from fellow members?

**Visit us online at [www.bigga.org.uk](http://www.bigga.org.uk)**



**British & International Golf  
Greenkeepers Association  
S West & S Wales Region presents**



**14<sup>TH</sup> MARCH 2001 9.30AM – 5.00PM**

**WESTPOINT  
EXETER**



*Westurf 2001 sees a new and exciting display from Heart of England Falconry*

- ▶ Large enclosed venue
- ▶ Grass machinery demonstration area
- ▶ Central covered entertainment arena
- ▶ Falconry display and The Adams Axe Men
- ▶ FREE seminars from top speakers
- ▶ Licensed bar and full catering

Drive times to WESTPOINT:

Bristol - 1hr Plymouth - 40mins London - 3hrs



Details in advance and **TICKET HOTLINE:** Paula Humphries Tel: 01288 352 194



# COMPANY WEBSITE PROFILES FROM THE TURFCARE INDUSTRY

**If you would like to promote your company website on this page to a readership of over 9,000 contact: Sales Department at BIGGA on Tel: 01347 833800 or Fax us on: 01347 833802 alternatively email: sales@bigga.co.uk**



Website: [www.rigbytaylor.com](http://www.rigbytaylor.com)

Company: Rigby Taylor Limited

The website lists the entire range of products offered by Rigby Taylor Limited, a BIGGA Gold Key member. In addition, there is more detailed information on individual products within the MASCOT Fertilizer, Chemical, Specialities, Grass Seed, Line Marking and Dressings ranges. It is also possible to call up Safety Data Sheets on these products and one can also request free copies of relevant product literature direct from the site. The site also provides information on its national regional office network as well as frequently updated news items and special product promotions.





**This month, BIGGA'S Education and Training Manager, Ken Richardson, outlines some major changes planned for the provision of Education and Training needs for members**

# Education: Have your say...

Part of BIGGA's Mission Statement is concerned with the development of members through Education and Training. The Association has a long history of Education and Training provision and has committed almost £2 million pounds since 1987.

Thanks to contributors to the BIGGA Education and Development Fund, BIGGA has provided training courses, in the Regions and at BIGGA HOUSE and it has helped to produce videos, books, field guides, posters and leaflets.

It has helped greenkeepers to attend training courses by giving refunds of fees, set up a technical lending library and organised an annual Essay Competition.

More recently, BIGGA has introduced its Continuing Professional Development Scheme which encourages greenkeepers to keep their skills and knowledge current.

Finally, BIGGA has influenced National Training Standards by using its place on the Greenkeepers Training Committee.

All of this is provided for the benefit of all greenkeepers but especially BIGGA members.

To try to keep education and training relevant to the needs of members I am going to conduct a Major Training Needs Analysis in the early part of 2001.

Although you may think that it has nothing to do with you, you would be wrong. I can provide the education and training that you need, only if you tell me what that need is. Consequently, you need to consider:

**Should BIGGA be involved in Greenkeeper Education and Training?**

**What Education and Training do I need? eg. Supervisory/Management training, First Aid training, Health and Safety training, Soil Science, Spraying, Grinding and Blade Setting, Computing, Maths for greenkeepers, tractor driving, chain saw operation etc.**

**Where should that Education and Training take place? eg. At BIGGA HOUSE, in Regions, in Sections, in Hotels, at Golf Courses, at Colleges.**

**When should it take place? eg. Autumn, Winter, Spring, Summer, Weekdays, Weekends.**

**How much should it cost? eg. Nothing, £50 per day etc.**

**Who should pay? eg. Individuals, Golf Clubs, BIGGA, Government, R&A, Home Unions.**

We sometimes concentrate on failure in this country, but BIGGA's involvement in greenkeeper Education and Training is a success story unmatched within the Fine Turf Industry nor by few other industries.

Last year alone saw almost 300 greenkeepers attend courses presented by BIGGA with a further 200 attending the first two days of the Learning Experience at Harrogate and almost 500 attending BTME Seminars.

Let's work together to ensure that this century's greenkeepers continue to have access to the high quality education and training that they need and deserve.

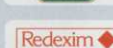
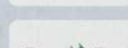
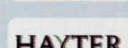
You can have your say by either contacting your Section Secretary/Regional Administrator prior to their meeting at BIGGA HOUSE on 26 and 27 March or by contacting myself or Sami at BIGGA HOUSE.



**Greenkeeper Education and Development Fund**

BIGGA GOLDEN KEY and SILVER KEY CIRCLES

The Fund provides the key to the future for greenkeeper, golf club and game. Individuals and companies can join the Golden Key Circle and Silver Key Circle. For details, please contact BIGGA on 01347 833800

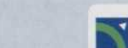


**Golden Key Circle Company Members**

Company	Tel: Head Office
Amazone Ground Care	01579 351155
Bernhard and Company Ltd	01788 811600
Charterhouse Turf Machinery Ltd	01428 661222
Gem Professional	01254 356611
John Deere Ltd	01949 860491
Hayter Ltd	01279 723444
Kubota UK Ltd	01844 214500
PGA European Tour	01344 842881
Rain Bird	01273 891326
Rigby Taylor Ltd	01204 394888
Scotts UK Professional	01473 830492
Textron Turf Care	01473 270000
The Toro Company/Lely UK	01202 319987

**Individual Members**

Mike Eastwood, J H Fry, J H Greasley, David S Robinson, Stuart Townsend



**Silver Key Circle Company Members**

Company	Tel: Head Office
Ernest Doe & Sons	01254 380311
Heath Lambert Ltd	0113 246 1313
Ocmis Irrigation	01460 241939
Sisis Equipment Ltd	01625 503030
Weed Free	07000 481011

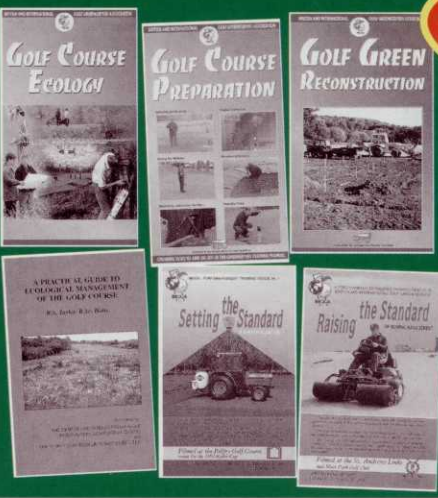
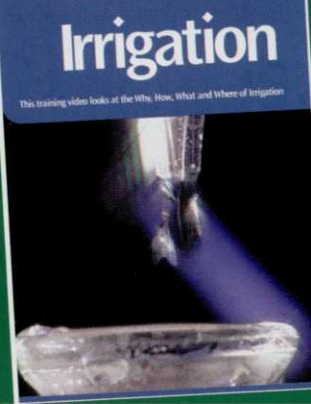
**Individual Members**

Clive Archer, John Crawford, Bruce Cruickshank, Douglas G Duguid, Alan Holmes, Iain A MacLeod, Robert Malbusch M/G, Richard S Mullen, Elliott R Small, Steven Tierney, Raymond J Warrender, WJ Rogers

# GET ON COURSE WITH BIGGA EDUCATION



**NEW** Training resource video 5



**Golf Course Preparation Video**  
 £14.95 to BIGGA members  
 £29.95 to non-members

**Golf Course Reconstruction Video**  
 £14.95 to BIGGA members  
 £29.95 to non-members

**Ecology Book**  
 £3.00 to BIGGA members  
 £7.00 to non-members

**Ecology Video**  
 £14.95 to BIGGA members  
 £29.95 to non-members

**Raising the Standards of Mowing Management Video**  
 £14.95 to BIGGA members  
 £29.95 to non-members

**Setting the Standard in Spraying Application Video**  
 £14.95 to BIGGA members  
 £29.95 to non-members

**Irrigation Video**  
 £14.95 to BIGGA members  
 £29.95 to non-members





**THE BEST SEED UNDER THE SUN**

## **BAREINE**

### **Perennial Ryegrass**

- Extremely fine-leaved cultivar
- Very slow re-growth
- Superb low maintenance
- Blends extremely well with fine-leaved species
- Outstanding tolerance to close mowing

### **APPLICATIONS**

- Golf: tees, fairways, (semi) roughs and greens
- Turf production
- Cricket: wickets, squares, outfield
- Tennis courts
- Ornamental lawns

Bariene is available in the following mixtures; **BAR PLATINUM**, **BAR EXTREME** and **BAR 6**.

For more information, contact Barenbrug on 01359 272000.

## **BARENBRUG**

Barenbrug UK Ltd., 33 Perkins Road,  
Rougham Industrial Estate,  
Bury St. Edmunds, Suffolk IP30 9ND  
Tel: 01359 272000 Fax: 01359 272001  
E-mail: sales@baruk.co.uk  
www.barenbrug.co.uk

# **CLEAR FLOODED BUNKERS, LOW LYING FAIRWAYS AND HOLLOW WITH BUNKER-PUMPER!**



Clear flood water fast with a portable Bunker-Pumper. Powered by a 6hp motor, the self-priming pump moves up to 12,000 gallons/54,480 litres in one hour. Able to work in less than 3 inches (8cm) of water, the pump can be allowed to run dry without harm. For more details call Richard Parsons, today.



The Hydroscape Group, Water House, 10 Carvers  
Industrial Estate, Ringwood, Hampshire BH24 1JS.  
Tel: 01425 476261/2 Fax: 01425 472380  
sales@hydroscape.co.uk



The new BIGGA Chairman Clive Osgood begins his year in office with some strong views on how the Association should proceed in the future, as Scott MacCallum found out...

# Passing the baton

A year after becoming a Head Greenkeeper, Clive Osgood prepared a course for a Ryder Cup match which featured the best Ryder Cup team ever to compete for the famous trophy.

But BIGGA's new National Chairman says that he didn't probe Past Chairmen too deeply about the role as it probably would have frightened him. He laughed as he said it but you can be sure that for him the responsibility of leading the Association for the next 12 months is a challenge that compares to 1981 when he ensured that Walton Heath was at its best for the historic Ryder Cup match. Of course he's jesting when he says that he didn't look into the workload that a modern BIGGA Chairman can expect, Clive Osgood is a thoroughly professional man who doesn't approach important matters lightly.

Knowing the commitment that is required he gave the matter serious thought before accepting the role. He is the first to admit that he is a home-loving family man and wouldn't have taken it on without the support of his family.

"The club has also been very supportive and they look upon it as a great honour for Walton Heath as well as for me.

"I've certainly gone into the Chairmanship with my eyes open and I'm now looking forward to getting out and meeting people. I know I shall gain a great deal from the experience and so will Walton Heath Golf Club as I shall be looking for ideas as I go round having the pleasure of meeting fellow greenkeepers."

Walton Heath boasts a large greenkeeping staff to maintain the two magnificent courses currently running at 17 including a mechanic and a gardener.

"I have absolute confidence in the team and in my able Deputy, Mick

Haynes, that they will work well during the periods that I'm away from the golf course on BIGGA duties."

As he settles into the role he has firm ideas of how he would like the Association to progress over the next 12 months.

"I'd like to think that the membership will continue to rise. I believe there is still scope for that to happen and it is good to see that the numbers have

organised into a more orderly fashion."

So you can already see that Clive Osgood is a man of firm ideas with a quiet determination to move the Association forward and it is just those qualities which has seen him ensure that Walton Heath Golf Club has maintained its place as one of the country's foremost golf clubs over the last 20 years.

A local man born and brought up in

**There are so many wonderful services available to members but we must make people more aware of these. We've heard all this before but it is so frustrating because the opportunities weren't there when I was younger and I feel strongly that people should make the most of them.**

**Clive Osgood**

increased over the last 12 months.

"There are so many wonderful services available to members but we must make people more aware of these. We've heard all this before but it is so frustrating because the opportunities weren't there when I was younger and I feel strongly that people should make the most of them."

Clive also has strong views about how the collective know how of the BIGGA membership could be put to better use.

"I'd like to think we could pool our knowledge a bit and that we should stand up and be counted on the technical side a bit more than we do at present," he explained.

"I think the website should help us to share the vast knowledge that our membership possesses. For example on the subject of waste disposal wouldn't it be nice to ring up BIGGA, or visit the website, and be advised on who was the best person or company to contact in a particular part of the country.

"This information could be gathered informally on the web initially and then

Walton-on-the-Hill - he's lived there all his life apart from a two year spell in Boxhill...two miles away! - he joined the greenkeeping staff as an apprentice.

"As a lad, golf was very much a rich man's game but I got into it through the local Artisan Section as a junior and I had hopes of being a pro," recalled Clive, who reached a handicap of 4 and represented Surrey at Colts, Youth and Artisans level.

"I was never going to make it as a professional but thought that greenkeeping would give good opportunities to play the game. After that I still played golf but greenkeeping took the upper hand."

Clive was taken on by Head Greenkeeper, Fred Dulake, who was an extremely well respected greenkeeper.

"He was here for 27 years as Head Greenkeeper and one or two will remember him because he used to ride around the course on his bike. He was famous for his bike and he taught me a great deal about greenkeeping," explained Clive.

Walton Heath has obviously benefit-

ed from the continuity that has been in place at the golf club. Not only was Fred Dulake Head Greenkeeper for 24 years and Clive 21 and counting, James Braid, one of the great triumvirate and a five time Open Champion was professional at the club for 46 years.

The club has always held important golf events including right back to the turn of the century when the course was first opened and Braid played big money challenge matches with his great rivals Harry Vardon and JH Taylor. It also hosted the oldest professional tournament in the world, the News of the World Matchplay which attracted some of the finest players of their generation. But the event which brought the course to worldwide fame was the Ryder Cup in 1981.

"That really was the highlight of my career and it goes without saying that it was a privilege to prepare a course for a Ryder Cup.

The American team that year, Captained by Dave Marr, has been lauded as the best ever and the margin, by which they retained the match, 18.5-9.5, is wide by the standards of the more recent matches but still a tribute to the performance of the European team, which included youngsters such as Faldo, Lyle, Langer, Torrance and James

All but one of the American team was a Major winner and the other, Bruce Leitzke, was a multiple winner on the US Tour. The majority of the team would be known even in the homes of non-golfers. They were Crenshaw, Floyd, Irwin, Kite, Leitzke, Miller, Nelson, Nicklaus, Pate, Rogers, Trevino and Watson. Try finding the weakest link among that lot.

"The weather was poor but the course stood up to it very well and I got some very nice letters from the players afterwards."

The highlight for the greenkeeping





staff came when Lee Trevino popped into the sheds and had a chat with the guys.

"It was early in the morning and he came in looking for an axe because the clubhouse was closed and he wanted to get in to change his shoes so he could go and hit a few practice balls. It made everyone's day when he came over," recalled Clive.

Since then Walton Heath has hosted several European Opens and many top amateur and ladies events and Clive admits to enjoying the buzz of preparing for tournaments although they have caused headaches.

"In the old days entry was free and there was no problem but the course is

on common land so in more recent tournaments when entry fees were charged this meant extra work. An Act of Parliament allowed us to enclose the course for one week in the year but we had to erect fencing with the help of the local Artisan Section just before the start and then bring it down as soon as the tournament was finished. We had four and a half miles of chestnut fencing at one time but the arrival of the M25 cut on any access on one side so it made it a bit easier for us."

Clive is proud of the course for which he has had custodianship over the last 20 years.

"I'd like to think we have kept it as a true heathland and that has involved a

constant effort to keep the trees and scrub at bay. Surrey is the most heavily wooded county, would you believe, and if you stand in the middle of the course you are surrounded by trees but for our little patch and we want it to remain as it is, a heathland habitat with a feeling of openness.

"Heathland is just a semi permanent state and there will always be encroachment. At the moment we are in the middle of a big project clearing quite an acreage," he revealed.

While much effort goes into retaining the heathland qualities of the golf course a great deal of change, and for the better, has taken place in the maintenance facilities.

The compound, opened by the local

Mayor four years ago is state-of-the art and Clive has shown round many other greenkeepers keen to gain an idea of what they should look for in their own new facilities.

"For us it really was a case of from stable block to modern facility. We didn't have power or hot water until 1996 and sitting here with our computers and security cameras I often think back to Fred Dulake and wonder where he would have parked his bike."

It would be hard to find a better measure of how far the industry has come in the last 20 years and under Clive's stewardship you can be sure more strides will be made over the next 12 months.



# Second pass

## Further thoughts on mowing practices

Of all the maintenance operations carried out at a golf club mowing certainly has the biggest impact. It is the only maintenance operation that, if it is left for more than a day or so, quickly draws the attention of all and sundry who visit the club. Every club official and employee from Club Secretary to trainee Greenkeeper should remember that clubs can stand or fall by the reputation of their greens. Greens that are not up to standard are quickly noticed and, as the word spreads, so the financial implications for the course concerned may be keenly felt.

Of course, there are many reasons why greens may slip out of condition but so often it is the case that mowing practices can be a fundamental and yet insufficiently considered part of the equation.

In my last article on mowing I described some of the background to cutting heights and how these should be considered. In this follow up arti-

cle I want to highlight some important issues of mowing and how these will affect the playing surface. Unfortunately, research into this most fundamental of practices lacks detail but I hope I can get across the essence of the important considerations.

### What is it that makes the playing surface what we want it to be?

On greens the main concern is that the surface presents conditions that are fair for players to demonstrate their skills, especially in competition. What is required is a smooth (but not necessarily flat) surface that is free from discrepancies that would result in unpredictable ball behaviour ("bobble"). The surface should also allow the ball to roll at a suitable pace. We are concerned that the green should be consistent in both pace and surface uniformity without either factor becoming dominant.

To create such conditions from grass is asking a lot! We aim to achieve these goals by mowing to present a smooth surface where the ball can roll along the uniformly cut leaves. Without cutting, shoot growth from the sward quickly creates an uneven surface due to differences in growth rates across the green caused by the presence of a variety of species, and variations in soil moisture, nutrients, drainage, wear, etc. However, summer or winter, the grass comes under stress from many sources and since mowing makes up the majority of maintenance carried out, the importance of cutting regimes should not be underestimated. I hope that I can encourage the reader to consider some of the issues he/she should be addressing on a regular basis when looking at mowing practice and greens condition.

### How grass grows

Most plants are severely damaged as a result of grazing by animals as the grazing occurs toward the outer edge of the plant where the buds are located. Grass is able to survive, even thrive, under grazing pressure since the bud or growing point (apical meristem) is located just above ground level, away from the herbivores' teeth. Cell division (growth) in grasses occurs from the bottom of the leaf rather than at the extremities as in most plants. Therefore, when the leaf is damaged or removed the plant just keeps growing up from the base.

Mowing by humans mimics the effects of grazing and, provided that mowing also mimics the consistent height and frequency at which grazing occurs, poses few difficulties for wild grass species in a non-playing situation. However, on a golf green the mechanical "grazing" we undertake has been taken to extremes. I find it amazing that plants have adapted to

survive the regimes that are often in place on golf courses, after all, many of the commonly used grasses naturally grow to around 30-50cm yet we expect them to survive (even thrive) at 5mm cutting height (or less!). Furthermore, this closely mown grass may have to take several hundred pairs of feet across it in a weekend, something that even the average domestic lawn would struggle to accommodate!

These close cutting regimes have been made possible by the development of low growing cultivars allowing mowing to be carried out more closely than grazing ever would. *Poa annua* however, has a natural ability to withstand close mowing, indeed close mowing may favour this grass against others in many situations - hence its widespread distribution on many golf courses.

The mechanical cutting of grass leaves triggers a whole chain of biochemical and physiological reactions in the plants. In order to survive, the plant must maintain enough leaf area to manufacture its own food through photosynthesis. Over short periods of time the plant can survive near complete defoliation (e.g. on a cricket pitch) but only if the meristem remains undamaged and the plant has enough resources in reserve (stored in the roots) to rebuild leaf tissue. We have to manage the growing environment to reduce stresses and allow it to thrive despite very low cutting heights. Our difficulty comes in achieving a balance between providing a good enough playing surface to satisfy the players while still maintaining a healthy sward that does not succumb to disease and stress at every opportunity.

### What does this mean for the UK golf green?

Mowing is a fundamental tool in







the production of the surface as we have already identified. Most of us have had the textbook values for mowing drummed into us over the years, 5mm (3/16th") in summer and 6-8mm (1/4-5/16") in winter. Perhaps these are fine for what I would describe as the 'stable seasons' of summer and winter when more consistent expectations of weather prevail. However, each season also provides its own problems as we will see below where we will also consider the 'unstable' seasons of spring and autumn.

### Stable seasons

#### Summer

In my experience it is quite rare to find a 5mm cut being employed on a UK golf course in summer these days. Many courses bench set to 4mm and some go as low as 3mm for regular cutting. Come tournament time cutting might be taken closer still with as much as 50% of the leaf area of the plant being removed without consideration of the implications for the plant. Last summer this problem was worse than usual due to the

wetter conditions that prevailed leaving mowers sinking into the greens surfaces and thereby exerting a closer cut.

Not surprisingly the grass frequently objects to such close cutting, though usually these reactions are predictable if only Course Managers or club committees would look further than the immediate requirements demanded by players. In summer time close cutting can quickly see the grass dehydrate and stress when the sun comes out, especially after a poor spring. How much time and money is spent correcting such issues and how much play is lost? It would be possible for a club to measure this in purely financial terms if required.

#### Winter

In winter the grass is semi-dormant depending on the weather and soil temperatures. At this time of year the plant needs to make greater use of resources stored in its roots. Grass growth is limited so pedestrian cutting is the norm on many courses, something I approve of because it allows the greenkeeper to feel the

green underfoot, an ability which is lost when using a triple mower.

In the winter mower heights are raised but usually only to the minimum winter height of 6mm.

However, because greens are often softer at this time of year the height of cut can be even closer than in the summer when the machine is set at 5 or even 4mm. If the height of cut is too low then the grass comes under greater stress. It is less able to manufacture food, less able to grow and produces less tillering. Rooting depth can also be affected. In addition the proportion of the leaf damaged when cutting in relation to the healthy leaf remaining will be greater. Under such conditions greens will wear more severely and it may be necessary to put play onto temporary/winter greens more frequently.

### Unstable seasons

#### Spring and Autumn

Spring and autumn both bring with them the same types of problems though from slightly different angles.

The problems of autumn were really brought home last year when a course hosting a significant tournament contacted me. The course in question was losing grass density from its creeping bent/Poa annua greens and patches of grass were stressed and dying back. Signs of sub-lethal pathogen activity were identified in the samples submitted to a laboratory. Some inquiries soon identified the cause of the problem, close mowing (3.25mm) in October (in a wet year). Fortunately, frosts did not come early last year but even so with the height of cut raised it still took several weeks to restore reasonable surfaces. The moral is to watch those low heights of cut in late season or disease risk increases dramatically and the greens become wear-susceptible and slow to recover.

Low cutting heights in the spring or autumn cause real stress and dif-

ficulty to the grass. These are times of year when starch and other materials are either being mobilised for growth (spring) or stored (autumn). Damage or stress at these times uses up nutrients from stores held in the roots limiting sward performance for some time to come. Close cutting in the spring may hold swards back by two to three months, or leave them more susceptible to summer stress (drought). Such problems are more significant on inland and upland courses where soil temperatures are slower to rise in the spring.

The impact of mowing is both a simple and a complex matter. Simple because most green staff can quite quickly see a green beginning to deteriorate (provided they are looking for it!) and take appropriate action. Complexity stems from the business side where there are political and commercial pressures to pursue management policies which are less than ideal for the long term health of the green(s).

To conclude briefly I would like to emphasise the following:

- The greenkeeper must attempt to manage the greens in a more scientific manner with greater consideration of plant biology, balancing the demands of the golfer as well as possible with the long term condition of the greens.
- Mowing heights and frequency may have significant implications for sward species composition as well as sward health. Grass in a greens situation can cope very well provided that the height of cut is not altered too quickly or taken too low.
- Excessively low cutting should be avoided as it reduces playing surface quality (threatening course income) while increasing management costs.
- Cutting too high is equally undesirable and may result in poor playing characteristics, untidy appearance and problems such as greater disease susceptibility due to increased humidity within the sward microclimate.
- In a country such as ours we need to consider the weather far more carefully when attempting to mow the greens at a consistent height, especially in the light of warnings of future more extreme weather events from climatologists.
- While we must look to provide winter greens where possible we and, more importantly, players must understand that winter golf in the UK is going to be a compromise of what can realistically be achieved by grass in a cool, maritime climate.
- Competition and tournament organisers should aim for the main summer months to avoid possible long-term repercussions for golf clubs trying to maintain a regular income.
- Demands for speed come mostly from an elite band of members within a club. Correct mowing practice, balanced with other techniques, should make it possible to satisfy the majority without making conditions too fast. The scratch and low handicap players should be satisfied with good green speeds but no course can sustain high speeds for long.



Noel MacKenzie, B.Sc. (Hons) MBPR, is Senior Agronomist at Grass Science (covering Southern England and South Wales). Noel and the rest of the Grass Science team are contactable on tel: 01204 377750 or via email: [info@grass.science.com](mailto:info@grass.science.com)



# THE MAJOR RANGE OF PROFESSIONAL FINE CUT MOWERS



## THE PROFESSIONALS' CHOICE

AVAILABLE IN THE FOLLOWING SIZES:

6', 8400, 8', 12', 17',

WITH A HORSEPOWER RANGE OF 18-75hp

- Totally enclosed for safety
- Fully gear driven through shock absorbing couplings
- Ideal for parks, amenity areas, golf courses, playing pitches and sports grounds
- Full width rollers front & rear
- Eliminates wind-rolling



## MAJOR EQUIPMENT LTD.,

Major Industrial Estate, Middleton Road, Heysham, Lancs LA3 3JJ

Tel: 01524 850501 Fax: 01524 850502

Email: majortopp@aol.com Web: <http://www.major-grasscare.com>

# IRRIGATION PROBLEMS? GIVE US A CALL



## LEADING THE FIELD IN THE SERVICING OF IRRIGATION SYSTEMS

Currently servicing over 270 golf courses, bowling greens, gardens and fine turf irrigation systems

Contract service specialists

Maintenance on all types of irrigation systems

Contact our service manager - Michael Wilson on  
tel: 01765 602175 or via email: [info@par4.co.uk](mailto:info@par4.co.uk)





Graeme Francis gives some practical advice to ensure that your irrigation system is ready to go when required.

# Water way to go

**Question:** When is the best time to think about irrigation system maintenance?

**Answer:** When it's pouring with rain. Not when the sun is shining and the temperatures in the 20s, it's simply too late.

It may seem strange that irrigation is being discussed when most greenkeepers are struggling to get water off the course, but now is the time to get everything ready, because it might just be a long hot summer and all the

worries about taking water away could be replaced with concerns about getting the right amount onto the turf.

It is only a few weeks before irrigation could be needed and preparation now will ensure a smooth transition from one form of water management to another.

An irrigation system is a combination of mechanical, electrical, hydraulic and electronic components and equipment and therefore requires a suitable level of regular pro-active servicing if it is to operate reliably and efficiently. As with many other technologies, advances are being made at an ever-increasing rate and

end-user serviceability is becoming more complex. Despite the recent prolonged period of wet weather and the stricter control of water for irrigation, systems will continue to grow in size as more areas of the courses are irrigated playing surfaces of ever higher quality are sought.

So what does a Course Manager need to consider when looking at servicing the system? Is it a general task, which can be undertaken by the greenstaff? Or does one member of the team need to be given responsibility? Perhaps consideration should be given to bringing in a specialist irrigation company and if this option is chosen, upon what contractual basis should this be done?

Each option has certain merits and factors such as the type of system, the composition of the green-keeping team and operational budgets all have a bearing on which is adopted.

As systems increase in size and control systems in particular become more sophisticated the trend is towards bringing in a contractor and retaining his services through a formal service agreement. Such agreements may involve simply re-commissioning the system in the spring, the "open up" and a return visit in the autumn to drain down and pre-





# Water way to go



pare the system for the winter.

Many companies offer a more extensive service that allows several visits during the year to check operations and undertake minor repairs. In addition support services are offered for PC based control systems and these can include technical assistance with aspects of controller operational and scheduling over and above the normal faultfinding and repair functions.

At clubs where irrigation covers greens, tees and fairways an irrigation technician should be employed to take responsibility for maintenance, and this individual can undertake basic repairs and servicing tasks, calling in assistance from a contractor when a deeper knowledge or specialist equipment of techniques are required. Certainly more and more Course Managers see the use of contractors as a cost effective way to handle irrigation system servicing.

When looking at service agreements it's important to ensure that you compare like-for-like. Check how much of the system is covered by the agreement and get a good insight into how each company will deal with any calls for assistance.

If you have the expertise you may decide to take on the servicing in-house and there are a number of areas to consider. These include training, spares stock holding and equipment sourcing.

Some irrigation companies provide servicing training on the specific equipment including sprinklers and control valves. They offer a basic insight into routine maintenance, faultfinding and in repair and replace-

ment procedures. It is important to remember, of course, that there are certain elements of the system such as pump control panels and any mains electrical components that require qualified engineers and investigation or repairs should not under any cir-

cumstances be attempted by anyone who does not hold the appropriate professionally recognised qualification. Remember that irrigation systems operate at pressures of up to 150 PSI (10 Bar) and water at this pressure can be very dangerous. Always follow the manufacturer's and supplier's instruction when operating or servicing any piece of irrigation equipment. Important rules such as isolating and depressurising pipelines before attempting to dismantle or remove components and never leaning over sprinkler heads when operating them manually may seem obvious, but the important of following them cannot be over emphasised.

In an ideal world there would be no need to carry spares, but we all know that things can go wrong, sprinklers in particular can be subject to damage and replacement parts need to be available. Carry a small inventory of pipe connection and repair fittings making sure that they are compatible with the pipe system you have. The move to using polyethylene (PE) pipe is almost universal and recent systems will use this durable pipe material. Many of the PE pipe systems are jointed using fusion welding, an operation requiring specialised equipment and trained operators. Some systems use compression fittings that are tightened using threaded nuts holding the pipe in place and on smaller size PE pipe systems compression fittings can be used for re-connection following minor repairs. Once pipe sizes reach 90mm and above it may be necessary to have fusion joints and contractors

will be required. While PE is accepted as the best current material, there are still many older systems using PVC pipe and the use of solvent welded (glued) joints is still prolific. Repairs should be relatively straight forward, but remember to comply with all Health and Safety requirements when storing, transporting and handling the solvent cleaners and cements required to carry out PVC pipe jointing.

Most UK control systems are decoder based and modern decoders should be very reliable and the need to replace them a distant memory. If you do suffer with unreliable decoders you will have to hold some in stock and a decoder replacement programme is a serious consideration.

Whether you take the increasing popular route of contracting system service work to an irrigation company or undertake the work yourself the key is to be pro-active. Preparations for the forthcoming irrigation season should be complete by February with any component replacement, particularly if of a large scale, finished so that in March or April it is simply a matter of starting up the system. If the previous autumn's drain down was carried out correctly and provided there has been no physical damage to pipes, cables etc, the system should start up and work correctly. Don't wait until components fail, sprinklers, valves and pumps all have wearing parts, particularly seals and these have to be replaced on a regular basis. Create a programme of inspection and replacement that includes a comprehensive winter check. Look at the system now, visually check all accessible parts for mechanical damage.

The wet summer, autumn and winter we have just seen has created a fairly uncommon set of circumstances that make attention to irrigation systems particularly important. Systems did not generally operate with anything like the normal frequency during 2000 and prolonged periods of inactivity can be

detrimental to any engineered system. If you have experienced flooding over the last few months, it is possible that other issues may arise. Sprinklers may be covered or filled with slit or other debris washed onto the course, valves boxes may have been subjected to similar conditions and will need to be cleaned out and valve assemblies check for contamination or damage.

Damage to water storage facilities may have been sustained. Obviously, if roof panels are blown off liners are very likely to be punctured, but erosion of foundations due to running or standing water may have a serious effect on stability. Where in-ground water storage is used, contamination of the water from materials washed in with floodwater must be considered. Pump suction pipes may be covered in slit or debris and need to be inspected before pumps are started, as drawing these materials into the system can cause damage that could be both extensive and expensive.

Check pumphouses, if they have been flooded, all the electrical installations need to be checked and expert advice sought if there's a possibility of damage.

It may sound strange, but not all irrigation components are designed to be submerged for prolonged periods, some decoders, cable joints and some external parts of valves could have suffer water ingress or corrosion if they have been under water for a long time and these need to be checked now before they are required in March and April.

In summary, irrigation maintenance and servicing has to be a pro-active process, if the forthcoming season is warm and dry there will be some course managers who will be caught out. Make sure you are not one of them and seek expert advice now whilst there is still time.

Graeme Francis is Sales and Marketing Manager, The Hydroscape Group, UK Toro Irrigation Distributors.

**NEW**

& Training resource video 6

Greenkeepers Association



## Irrigation

This training video looks at the Why, How, What and Where of Irrigation

The fifth in the series of BIGGA Training Videos - Irrigation - was launched at BTME 2001.

Although it may not have been apparent in recent months, water is a precious resource and extraction is becoming increasingly difficult and expensive. At the same time irrigation is a vital tool to the greenkeeper and the 28 minute video looks at using it to its best advantage with the Why, What, How and Where of irrigation.

The video features interviews with recognised experts in their field, graphics and film showing why irrigation is needed, when to apply and what equipment to use. "This video is not only of benefit for training greenkeepers in the art of good water management and irrigation, it would also be very useful for

communicating to the wider golfing community," said BIGGA's Education and Training Manager, Ken Richardson. The other four video's in BIGGA's portfolio cover, spraying; golf course preparation; golf green construction and golf course ecology.

The production of this video was only possible through the generous support of the Association's Golden and Silver Key Supporters who donate to BIGGA's Education and Development Fund.

Irrigation is produced by Goodwood Videos, who also produced the Golf Course Ecology video, and is priced at £15 for BIGGA members and £25 for non-members.

Contact the BIGGA Education Department for further details on 01347 833800 or via [education@bigga.co.uk](mailto:education@bigga.co.uk)



# 20+ YEARS EXPERIENCE



## YOURS FOR THE ASKING...



Irrigation systems, lakes and reservoirs, plus specialist contracting services for golf and golf courses



Unit 18, Downton Industrial Estate, Batten Road, Downton, Salisbury, Wiltshire SP5 3HU  
TEL: 01725 513880 FAX: 01725 513003

# FREE NATIONWIDE SEMINARS

Field Irrigation recognise that a well maintained reliable irrigation system is a necessity for growing fine turf.

All Field Irrigation systems have a comprehensive warranty to provide you peace of mind.

However, not all clubs can be so lucky.

That is why we are running a series of FREE nationwide seminars on irrigation system maintenance, to let you take control of your own system.

For further details on the range of seminars and for information on the range of Field Irrigation systems, please contact;

Richard Owen, Field Irrigation Ltd, Asparagus Farm, Court Lodge Road, Appledore, Kent TN26 2DH

**FREEPHONE 0800 214447**

**Fax: 01233 758790**



**WATER IS OUR ELEMENT**

# BANKING HAS NEVER BEEN SO EASY



When it comes to staying the course, you can bank on the Allen National range keeping you on the straight and narrow. The Allen National range of triple mowers – 68, 68DL & 84 – are the only real choice for the professional on the tees and surrounds. And as for bunkers, they're no longer a hazard.

The 68DL has transport speed, electric start and full width rollers. Banking has never been so easy.

# allen

Allen Power Equipment Ltd.  
The Broadway, Didcot, Oxon OX11 8ES  
Tel: (01235) 515400 Fax: (01235) 515401  
Website: [www.allenpower.com](http://www.allenpower.com)  
Email: [sales@allenpower.com](mailto:sales@allenpower.com)

FOR A FREE BROCHURE CALL  
**0845 60 10 815**

OR COMPLETE THE COUPON BELOW

Telephone: 01235 515400 for details of your nearest dealer for a FREE, no obligation, demonstration on the amazing ability of the National.

NAME \_\_\_\_\_ NAT68/GK/2/01  
ADDRESS \_\_\_\_\_  
\_\_\_\_\_  
POSTCODE \_\_\_\_\_



**Roland Taylor gives a complete guide to crime prevention and what to do to minimise the damage if the burglars do call.**

# TWOC

(TAKEN WITHOUT OWNER'S CONSENT)

With police forces throughout the UK severely stretched, the chances of break-ins and theft are greatly increased, especially where there is insufficient protection of property and equipment. Many golf courses are situated in isolated areas with their machinery sheds sited a long way from the main complex. In addition to burglaries, those courses close to a conurbation are also likely to be targets for vandalism.

It is a fact that police resources have been badly eroded in rural areas and due to lack of manpower and the distances involved, response to a crime can give the criminal a head start in getting away. One answer to this problem is the formal or informal self-help crime prevention schemes. Courses located in rural areas might like to consider setting one of these up.

Insurance companies, when assessing a club and the level of premiums will expect an individual within the organisation to be responsible for the security. Part of this person's brief should be to make members aware of the importance of reporting any unusual activity both in the complex and out on the course. By making everyone vigilant, the risks of a crime being committed can be reduced. Neighbourhood Watch has proved this in the domestic sector. Your own "Club Watch" could be a good idea.

As far as course maintenance equipment is concerned, the question is how much and what type of security is required to be effective?

A theft prevention plan needs to be drawn up and should be reviewed on a regular basis. In preparing this it is necessary to take into account the following aspects:

- Stopping thieves gaining entry
- Make removal as difficult as possible
- If stolen goods are recovered you will have to be able to prove they were your property.

## Gaining entry

There are three things that should be borne in mind at this stage - time, noise and lights. Thieves are going to think twice if a break-in is going to be a long process, plus the possibility of alarms and warning lights going off.

Fencing around the machinery compound is the first line of defence. This can be of the heavy chain-link type, close boarded or a special high security fence. All these should be securely attached to posts set in concrete. Barb or razor wire can be used on the top, but only where members of the public are not likely to come into contact with it. The gates need to be strongly constructed and mounted so that they cannot be removed from their hinges.

Anti theft security posts can also be used to secure the entry and exits from the storage area and in front of the entry doors. One manufacturer states that their range has been tested to an impact speed of 20mph. The posts bent from vertical to approximately 15 degrees at an estimated impact weight of 34 tonnes. These types of posts can be quickly placed in position or removed and are locked at the top. Anyone considering using posts should make sure they are buying anti-theft and not for anti-parking ones.

Perimeter lighting and alarm systems are another possibility. Clear an area of undergrowth around the outside of the compound so that any would-be intruder has no cover in which to work on gaining entry. It sounds like it is being suggested you build Stalag 17, but, unfortunately determined criminals will go to great lengths to gain access.

## Buildings

Often as not, use has to be made of what already exists, but in situations where there is a choice, purpose-built storage units should be the first consideration. These come in a variety of shapes and sizes and can be specially manufactured to specific requirements.

A company specialising in these types of structures should be consulted. Heavy-duty steel container units with security locks are a popular choice.

Where traditional brick or timber buildings are used, they will require regular attention to ensure they are kept in good repair. Replace any rotted timber especially around windows and doors. Windows can be barred or covered internally with metal screening. The doors should be fitted with heavy-duty hinges and internal bolts and an alarm system needs to be installed.

Any locks (including padlocks) should always be to the highest security standards and quality available. Again, it is best to go to a company specialising in these.

## Surveillance cameras

There are some situations where the cost of these is justified, or they could be part of a much larger system that monitors the hotel car parks and other sites around a complex. If one of these is being considered it is a good idea to make sure the machinery compound is included as this is where considerable amount of capital is tied up.

## Signage

This is a relatively cheap form of deterrent. It may make the thief think breaking-in is too risky. The signs should tell a prospective intruder that the building has alarms, surveillance cameras and other security protection. These signs must look professional.

## Equipment

Lets assume that potential thieves have gained entry to the building. For their operation to be successful they now have to remove the machinery. It is at this point that they are faced with the next line of defence - immobilisation.

A determined team of criminals will come equipped with the means of moving what they are after. This could include a low loader lorry with lifting gear and winches.

Pedestrian mowers and turfcare machinery can be chained to larger units or immovable objects such as wall or ground locks.

Tools, brushcutters, chainsaws and other small items are best stored in specially constructed units that are bolted down or cemented into the floor. There are units of this type also available for vehicles so that equipment can be made secure when being used out on the course.

When it comes to larger machinery, this can be immobilised using wheel clamps. Remove all ignition keys, set any alarms or manual electronic immobilisers. Trailers and other towed equipment can be chained in the same way as pedestrian mowers.

It would have taken thieves a considerable time and probably a lot of noise to overcome the obstacles outlined above - as a result there is every chance they will think twice before staging the robbery.

## Recovery

So, you discover an empty storage area - it's at this point that the problems really start. Replacement equipment is urgently needed; there are the police and insurance companies to deal with - its hassle all the way from here on. In addition, to this costs start escalating and a lot of time is lost.

Detailed information on what has been stolen will be required. Whilst none of this can be avoided, there are some things that can be done to speed up the recovery.

## Trackers

These systems are largely used on cars and large plant machinery. It may be worth considering installing one on the more expensive equipment. An electronic tracking device is fitted and once the item is moved a signal is emitted showing its location. This is picked up by a monitoring station and relayed to the police.



# DON'T LET IT HAPPEN TO YOU

## ID Tagging

Over the last few years this form of identification has become popular and today many manufacturers fit tags before the equipment leaves the factory. These consist of microchips that contain a code that relates to the product. The code together with make, model and serial numbers are fed into a mainframe computer. Once the machine has been sold, information regarding the new owner is added to the database. In the event of it being stolen the details of the police are who are involved are also recorded.

The tags size makes them virtually impossible to detect with the naked eye and a number can be applied to different parts of a unit. They can only be read using specialist equipment, which a large number of police forces throughout the country now have.

Multi-technology readers are now available that can read and write to a whole range of tags and this combined with a considerable reduction in costs will see increasing use of these identification systems in the future.

## Your own ID

This can be stamped into metal parts of the machine, which are normally out of sight. It could be a series of numbers or letters. A record of what has been done and where, needs to be kept.

## Computer records

Modern computer systems are ideal for keeping up-to-date information on equipment. This should include,

Suppliers details  
All serial numbers including engine  
Any modifications that have been made  
Purchase price  
Depreciation  
Photographs can also be easily stored.

All this information can be accessed quickly with as little delay as possible. Where a machine is stolen, it is a good idea to inform the supplier or manufacturer. This is because there is

an outside chance the new owner might contact them or one of their dealers regarding parts or manuals.

Some publications also run a column listing stolen equipment in case one of their readers is approached with a bargain offer.

## Staff

Theft can occur any time and anywhere and staff should be always vigilant, not just with their employer's equipment but also their own belongings, whether out on the course or in the staff room. It is a hot day, so a jacket containing a wallet is left on the grass or money is left in a lunch bag in the staff area. The majority of these types of theft are carried out on the spur of the moment. An opportunity presents itself and is taken. This kind of situation not only causes the victim loss and upset it can also lead to suspicion and lower staff moral.

## Responsibility

Throughout this article we have talked about the different forms of security. You can have the best anti-theft protection available, but if doors are left open all day and machinery left out on the course unattended for long periods - then it is all worthless.

Each security system requires human input, either to switch it on or to lock something up. One member of the greenkeeping team should be responsible for carrying out the security procedures, otherwise there is the possibility that one person will think another has done it.

Sods Law is that the break-in will occur that night.

No security procedures or systems provide 100% protection. Determined thieves will find a way of getting what they want. At best you can secure premises and property to the degree at which they realise it is going to be a difficult operation and decide to give it a miss.

8PM

NOW YOU SEE IT



8AM

NOW YOU SEE IT!



Customer users claim 100% success against theft when using **LINCMASTER 'THIEF STOPPERS'** **WHATEVER YOUR LOSSES TRAILERS; ATVs; TOOLS; EQUIPMENT etc YOUR PROBLEM'S SOLVED**

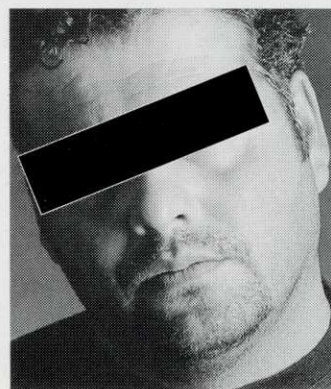


Tel: 01522 529444

Fax: 01522 510868

Email: [stopthief@btinternet.com](mailto:stopthief@btinternet.com) [www.lincmaster.co.uk](http://www.lincmaster.co.uk)

# KEEP THIS SCUM OUT OF WORK



This man makes a living out of stealing other people's property. If it will fit in his van he'll have it.

But there is one thing that really spoils his day. And that is when he sees anything with a Datatag warning sticker. Because he immediately knows that the owner has covertly attached high-tech transponders to their property.

Which means that it can be traced back to its lawful owner in seconds.

And although this scum may be a common thief, he is certainly no fool. So he'll go looking for an easier target.

Datatag. Makes your property just too hot to handle!



Datatag ID Ltd., Sapwith Drive, Brooklands, Weybridge, Surrey KT13 0UZ  
Tel: 01932 358100 [www.datatag.co.uk](http://www.datatag.co.uk) email: [info@datatag.co.uk](mailto:info@datatag.co.uk)



# ATTENTION ALL GREENKEEPERS

We recognise your need for high quality products at an affordable price. That is why the "Turf Rise" range has been developed as a programmed approach to efficient turf management.

Applying the best of plant nutrients, (mini-granular or liquid), this all-in-one treatment provides effective, economical results.



## CONTACT YOUR LOCAL

To join the ever increasing number of greenkeepers who are using this proven method of management, or for further information, contact head office and speak to Alistair Ballantyne on 01674 678388 or go directly to your local distributor.

Greentech	Scotland	01786 480020
Turfcare	NE England	01207 505837
Strike Topturf	NW England	01614 567109
Greenpride	Lincs/Yorks/Notts	01522 703772
GrassRoots	Home Counties	01189 736600
Coburns	Ireland (N+S)	028406 62207
Unichem	Ireland	0035 318351499
Best Green Prods	Denmark	0045 98236330
Di Crivellaro	Italy	0039 0457101966

## DISTRIBUTOR



# WAIT TIL YOU JDC<sup>TM</sup> US

0800 592 422

Don't sign a finance deal  
until you've called us



JOHN DEERE CREDIT

JOHN DEERE CREDIT, TRADING NAME OF JOHN DEERE BANK S.A.  
REGISTERED OFFICE IN ENGLAND AND WALES: JDC HOUSE, BARNETT WAY, BARNWOOD, GLOUCESTER GL4 3RT

# XRT<sup>272</sup>

## MAKING IT EASIER TO WORK HARDER



Featuring • 11 HP, 351cc engine with pedal start  
Operator-selected differential lock • 4-wheel hydraulic braking  
• Purchase & Rental • Flexible Finance Packages  
• The Most Comprehensive Warranty in the Industry

Call the Sales Hotline: 01235 537575

Club Car

GOLF CAR UK

PGA  
PARTNER

Your Golfing Partner

Golf Car UK Dunmore Court, Wootton Road, Abingdon Oxfordshire OX13 6BH



It was all happening at Broadstone Golf Club when Scott MacCallum met up with Course Manager Adrian Archer just before Christmas...

# As Broad

as it's long



Above: The old railway cutting which runs through the course

The staff were in the process of moving into a brand new maintenance facility and the painful task of finding suitable homes for the contents of large cardboard boxes was well under way. While this would ensure better conditions for the team, out on the golf course the quality of the conditions have never been in doubt. A point that was brought home with the club's continued success in the prestigious BIGGA Golf Environment Competition in which last year Broadstone was a Regional winner.

"Monday was moving day, but today,

with the course being closed due to the flooding, we are making a serious effort to get things sorted out," explained Adnan, as we sat in the bare room, but for a desk, two chairs and a bookcase, which was to be his office.

Although the sheds have been in their ideal location for some time now the nature of the course is that "getting about" has always been a problem.

"From here the course is three quarters of a mile that way and three quarters of a mile that way," he says, while pointing in two opposite directions.

The course covers 360 acres of which

100 acres in the middle is common ground. No hole run along side another and you only ever see other golfers fleetingly. This means that as every hole is separate it takes us longer to cut greens, tees etc than the average golf course. There is no green where you can just jump from one to the next - you almost have to go in order and we just waste 10% of our time just in travelling. There is no short cut. We have some walks of 200 metres from green to tee."

The course was originally designed by Dunn and consisted of nine heathland holes and nine parkland but the park-





Above: Members enjoy the winter practice of chipping into a circle  
Right: Broadstone's unique snake pit... well away from the playing areas stresses Adi (left)



land nine were ploughed up in the war effort. After the war Colt was called on to design the back nine. Both architects must have been delighted with the undulating heathland that they were given to work with - it really is a dream site. The success of the design has led to many top amateur competitions being hosted at Broadstone.

The Poole/Bournemouth area is not one which would be near the top of many holidaying golfers lists but Broadstone enjoys a reputation of being at the forefront of a remarkably strong group of quality courses, including Parkstone, Isle of Purbeck and Brockenhurst.

"Very good golfers tend to know about us but we're not really in golfing country. When Jack McMillan visited he was

staggered by the beauty of the course's design and the fact that it wasn't well known. He saw the place as Sunningdale's southern twin," revealed Adi.

Adi is an advocate of traditional green-keeping methods and the team is looking to increase the average of 50% bent on his greens.

"We are getting there but it is hard work. A lot of aeration goes on because we've got problems with drainage on greens. They are traditional style and are built on what was here, either dug into a hill and into the clay or gravel subsoil.

"People think that as some are on gravel they will drain well but if you get on heathland gravel that has capped over with silt it becomes like concrete

and nothing can go through it. This makes drainage aeration difficult."

As a more drastic approach to solving the problem they have already drained one green, the 7th, and it has become the driest on the course.

The project was not without its complications

"We did in in the winter and used a herringbone drainage system and we'd planned to lift the turf with a turf cutter and do it by hand leaving an edge alongside the the drains so that when we put the soil back in we'd have a nice solid edge, a tip we got from Ed McCabe, at Brockenhurst.

"On paper and to begin with it didn't look to long a job. The front of the green wasn't too bad but when we reached the back even with pick axes





we could hardly break it down," he recalled..

A club member, a builder, provided the answer, or so it was thought, when he brought in a mini digger but such was the nature of the subsoil the digger was pulled forwards, off the boards and on to the green itself so that approach had to be abandoned.

"It actually vindicated our decision to do the green in the first place and the members, having played on a temporary green for a time while it knitted in, have welcomed it."

A programme of draining further greens will now be implemented following the success of the 7th green.

"We also have an on-going programme of draining around the greens. We aim to prevent surface water reach-

ing the greens from the surrounding hills by remodelling where possible. Water still flows across some of the greens from off the hills for up to an hour after it has stopped raining.

"Secondly we are installing a horse-shoe drain a metre deep around the greens set into the hills to prevent sub-surface water reaching the greens. If that is not successful then we will drain the greens still causing a problem."

"We started two years ago and now the club accepts that this is the way to go," said Adi, who trained as a horticulturist and worked for Bournemouth Parks Department, latterly on a municipal golf course before taking on the job at Broadstone.

The move to the well appointed and equipped facility with all the modern

conveniences is the culmination of many years up-grading of Broadstone's sheds.

Having originally been down close to the clubhouse, the two sheds were by a lake and every time it rained heavily the area flooded the sheds. Everything was stored there but for the rootzone, sand etc which was in the middle of the course.

"It was a logistical nightmare," said Adi.

The sheds were eventually moved to the present site in the middle of the course in 1978 and these have now been replaced by a modern facility.

When they were originally moved there was no electricity, water or telephone.

Fresh water was added when Adi dis-

covered an old irrigation pipe still intact running across the course passing close to the sheds. We brought in mains water from the road and then connected to the old irrigation pipe and then ran a spur to the sheds."

"Before that there had been a water tank around the back which froze in the winter and the boys used it to wash their hands as well as washing the machines with buckets from it," recalled Adi, who also expressed how fortunate he was to have such talented and hardworking group of staff and that many of them showed great loyalty to the club.

Mains electric arrived in the early 90s, courtesy of the irrigation system when the pump station was being wired.

Before the telephone was installed - Adi took advantage of a standard charge





This page: Some of the wonderful flora and fauna to be found on Broadstone with the 7th hole, much improved after the drainage work



for installation which meant £75 instead of over £1000 as the cable had to come from a quarter of a mile away - he had to make his way down to the clubhouse every time he wanted to order something or get someone to take a look at a machine.

"It was a mile round trip and when someone wasn't in you had to do it again," he explained.

The new facility marks the triumphant conclusion to a history, probably mirrored by many other clubs, which could also be said to reflect the development of the greenkeeping profession.

"We now have an office, a mess room, drying room, toilets and shower. Everything we could possibly need," he said.

Their recognition as Regional Winners in the recent BIGGA Golf Environment Competition, in association with Amazone, is not the first time they have achieved success in the competition and this is borne out of an environmental programme which has been developed since 1982.

"Back then we were talking about bracken overwhelming heather which was close to the edge of the fairway. When we cut this back the heather started to flourish and this continued when, not unlike Hankley Common, we started felling trees as the next stage in regenerating the heather. This is now part of the on-going maintenance regime in returning the course to heathland and is proving very successful. To date over 15 hectares have been clear felled.





 **Kawasaki**



## ENVY OF THE GREENS

Immaculate greens are the product of sheer hard work, which is why the new Mule Diesel 2510 is the envy of the fairways. Built for the toughest terrain, the Mule gives you more power, performance, load capacity and fuel efficiency and, with its low-ground pressure qualities, you won't leave any divots.

- 23 hp, 3 cylinder, 4-stroke, liquid cooled, diesel engine
- Automatic variable speed transmission
- Dual mode differential for rear axle
- Dual range gear box with selectable 4-wheel drive
- 12-months warranty

**CALL FREE ON 0800 316 4448 NOW**  
to put the power to work for you

(Outside the UK, call +44 1666 511356) [www.kawasaki.co.uk](http://www.kawasaki.co.uk)



"Now we have dragon fly ponds, we go bat watching with the members, we've got deer, badgers and we've even got a snake pit.

"That started by accident in an area where we tipped our rubbish well away from the clubhouse, flower borders and playing areas. We tipped in a load of branches and then pampas grass and this attracted snakes. We got six foot grass snakes, adders and smooth snakes, all the British varieties basking in one place at the same time."

One of the staff, Terry Elborn, is an avid bird watcher often travelling around the world to watch unusual birds and he, along with Broadstone Deputy, Martin Coward, hit the national press a few years ago when a Great Bustard was apparently spotted flying over the

course attracting "twitchers" from all over the country and national press coverage.

Whether the sighting was genuine or not it takes nothing away from the wealth of wildlife at the Club which it nurtures through a strong and healthy relationship with English Nature.

Talking to Adi you become swept up in his enthusiasm for his job and his place of work.

"People ask why I haven't moved on but I love Bournemouth and the area so much. We have the New Forest, the beach and the weather. And, of course, this course. There is so much to do on it."

You get the feeling that Broadstone and Adrian Archer are a pretty good match.



## QUARRIES & LANDFILL

- Building Sand
- Concrete Aggregates
- Shingles
- Roadstone
- Root Zones
- Top Dressings
- Path Materials
- Lorry Hire
- Bulk Excavation
- Muck Away Services



**We are proud to supply Wareham White Bunker Sand to Broadstone Golf Club**

**Tel: 01202 744333**

**Fax: 01202 737920**



## The new Kubota ST $\alpha$ -30 and ST $\alpha$ -35

### Two great all-rounders join the No 1 team

The ST $\alpha$ -30 and ST $\alpha$ -35 tractors are the latest two all-rounders to join Kubota's all-star line-up.

Packing a deft punch, the newcomers will bring greater economy, reliability and versatility to your grounds maintenance operations... with more than a touch of added refinement.

Bi-Speed Turn remains a Kubota exclusive for smoother, tighter turns, but is now engaged electronically at the touch of a button.

You thought that the ST-30 was comfortable! Now you'll be in clover with tilt steering, a wide flat deck, reduced sound and vibration levels, colour-coded levers, full hydraulic power steering and cruise control.

Performance was great. Now it's even better thanks to the smoother, quieter 30 hp and 35 hp three-cylinder E-TVCS engines, the enhanced three-range hydrostatic transmission giving higher speeds and greater climbing ability, the 55° front wheel turning angle and the 1,150 kg lift capacity at the link arm ends.

With their contemporary styling and great all-round versatility, the Kubota ST $\alpha$ -30 and ST $\alpha$ -35 make a winning combination for the new millennium.

Whichever way you look at them, it will be difficult to find two better all-rounders. Talk to your Kubota dealer today.

**Kubota**

*Designed to lead.*

Kubota (UK) Ltd,  
Dormer Road, Thame,  
Oxon., OX9 3UN.  
Telephone: 01844 214500  
Fax: 01844 216685

**FREE  
ST $\alpha$ -30  
CD VIDEO  
AVAILABLE NOW!**

E-mail: [tomb@kubota.co.uk](mailto:tomb@kubota.co.uk)

**CALL THE HOTLINE: 01844 268111**

**www.kubota.co.uk e-mail: [tomb@kubota.co.uk](mailto:tomb@kubota.co.uk)**



**The management of golf course boundaries is a frequent thorny subject for the Course Manager. Tree and Woodland Consultant Eamonn Wall has been advising golf courses for many years on the planning and planting of hedgerows which offer the golf course both screening and areas for wildlife conservation. He now outlines the benefits of careful planning.**

# Hedge your bets



Since the 1960s about one fifth of Britain's 800,000 kilometres of hedges have been removed as farming became more extensive and fencing replaced hedgerows as they deteriorated. The impact of hedgerow removal on the appearance of the countryside aroused widespread criticism from a public largely ignorant of agricultural needs but attached to a traditional view of the landscape. Yet, in some parts of the country the network of hedges was planted in the 18th Century and so is quite recent. Other hedges are much older, and some can be traced back to Saxon times.

Hedges owe their existence to a number of utilitarian reasons, to contain stock, mark ownership of boundaries and to provide shelter for farm animals and game. Hedges have come to be regarded as a valuable part of our heritage and their importance for wildlife conservation is very high. As woodlands were removed from the countryside its wildlife still flourished on farmland in the small copses and hedgerows that remained. The mixture of shrub species and grassy verges associated with hedges provides ideal habitats for all kinds of wildlife from wild flowers to mammals and birds.

Hedges are often the only permanent vegetation on farmland, in contrast to fields which are regularly cropped and cleared. This stability helps to sustain wild plants and animals on farmland and provide conservation corridors linking small woodlands. Very old hedges can have an average of ten shrub species every 30 metres and in general an old hedge will have one species for every 100 years of its existence.

Almost all the main groups of wildlife can be found in hedgerows including woodland birds for nesting, mammals and butterflies. Partridge is partly dependent on hedgerow bot-



**Hedges owe their existence to a number of utilitarian reasons, to contain stock, mark ownership of boundaries and to provide shelter for farm animals and game. Hedges have come to be regarded as a valuable part of our heritage and their importance for wildlife conservation is very high.**

toms and verges for cover, nest sites and the great variety of plants and insects which provide food for parent bird and chick.

These conservation and landscape enhancement benefits of hedges on farms and golf courses has prompted most land use organisations to encourage their planting and management by providing grant aid, currently via Countryside Stewardship and Local Authority Schemes. Of course, the benefits of hedges to farmers and golf courses also include screening of buildings for

security and amenity, the provision of shelter for members, habitats for sporting and game cover and the prevention of trespassers onto the golf course.

As with all tree planting, the establishment of new hedgerows requires some careful planning in order to ensure success. Items to consider include soils, existing ground vegetation and general condition of ground along the proposed line, protection requirements from stock and/or mammal pests (rabbits, hare, deer, voles) tree and shrub species growing locally and weeding requirements. After three to four years when the hedge plants are established the long term management will have to be considered.

Once you have decided upon the line of your proposed hedge it is important to establish the soil type to enable the correct choice of tree and shrub species. Also, the lines of many new hedgerows are often along old dykes and these surface stones need removal.

The choice of tree and shrub species will depend on the location and also on whether you would like to have a few taller trees to grow above the main hedge trees. Generally speaking hedges near farm buildings and houses are of beech and hedges out in the countryside are hawthorn dominated. Beech hedges are often planted pure whilst hawthorn hedges are usually planted in mixture with smaller quantities of blackthorn, hazel, holly, dogwood and dog rose. If the hedge is going to be allowed to grow tall, then some tree species such as rowan, cherry, crab apple, elm (for isolated areas in the West) can be included. Oak, ash, beech, birch, lime, chestnut are suitable as individual hedgerow trees. Native species are usually encouraged but one non-native to Scotland ideal for hedges is field maple common in English hedgerows.

Normal practice is to plant two staggered rows, 30cm between the rows and 30cm between the plants along the rows (7 plants/m). Minor species would be planted first in random groups occupying 1 to 2m and the main species say of hawthorn accounting for 75%-80% of the hedge would then be planted. When

including some wild rose such as dog rose these should be sprinkled along the line in small groups of two or three plants. Traditionally one year old plants about 20-40cm in height were used but where weed competition will be strong two-year-old 40-60cm plants are usually preferable. Individual hedgerow trees should be 60-90cm in height to aid their growth and keep them above the general height of the hedge, often planted in guards for identification.

The best way to protect a hedge is to erect a stock fence on either side and where rabbits are a pest, attach rabbit proof mesh to the fence with the bottom 15cm turned out into the field and pegged down. However where stock are not an issue as on an arable unit, the hedge could be planted bare if no rabbit/hare pests exist or where they do, a simple temporary rabbit fence with posts at 10m spacing could be erected. Otherwise individual guards could be used, though often expensive, unsightly and require eventual removal.

Weed competition can kill young hedging plants or at the very least considerably slow growth rates. To achieve successful, cost effective establishment of hedges, weed control is essential. Many people begin to think about controlling weeds in the spring after the hedge has been planted but the correct time to decide on a control strategy is in the summer prior to planting.

Pre-planting control can serve two purposes. Firstly, removing thick weed growth especially dense grass swards can make planting easier. Secondly, killing or removing weed cover will reduce competition during the early part of the first growing season at the very least. Mowing or strimming hedgelines prior to planting will serve the first purpose but further control of the weeds remaining will usually be required.

This could be achieved at the pre-planting stage by a strip application of a broad range herbicide such as Roundup (glyphosate). Ploughing will create an ideal planting site which is likely to be weed free well into the first growing season. However this will also provide an ideal seed bed for thistles, nettles and other broadleaves weeds that can cause problems later.







Post-planting control. Strimming or mowing weeds alongside a hedgeline can have little effect and may even be detrimental. Weeds not only compete above the ground for light but also below the ground for water and nutrients. Strimming weeds, especially grasses, may stimulate them to grow faster and compete more vigorously.

Physical methods of suppressing weeds such as mulch mats and bark chip mulch are generally very expensive. Mulch mats can often blow away on soft exposed sites and weeds may grow through the slits cut in the mat for the trees, necessitating some degree of chemical control. On certain sites plastic mulch mat in continuous rolls with the trees planted through can be successful but they usually require eventual removal and can harbour voles who strip bark off the hedge plants.

Herbicides approved for use on broadleaved trees and hedges cannot generally be applied directly over the

young plants in the summer when they are in leaf so ideally an appropriate herbicide with residual action should be applied along the hedgeline in the winter. Each herbicide will have its own range of susceptible target weeds but the herbicides used most frequently for winter applications are:

- **Kerb granules or Kerb flo (propyzamide).** Provides effective control against a wide range of grasses.
- **Stomp (pendimethalin).** Controls a range of annual grasses and some broadleaved weeds including cleavers. Can be applied in a tank mix with Kerb flo.
- **Flowable Atrazine (atrazine).** Controls a range of grasses and some broadleaved weeds. However, Altrazine has doubtful environmental credentials and should never be applied near to water or where run off could occur. As with all chemicals take time to study its label.

During the first three to five growing seasons after planting further control may be required in the summer to deal with weed species not

affected by the previous winter's herbicide application or re-invading weeds. For the first two seasons after planting, there is little option but to apply Roundup to a strip along each side of the hedge taking care not to let the chemical come into contact with the hedging plants themselves. This may leave weeds such as thistles, nettles and willowherb in among the hedge and if these need to be removed the only option is to carefully pull them out by hand. However, once the hedging plants are 2-years-old they can be treated with an overall winter application of Caseron G granules (dichlobenil). The chemical is expensive but hawthorn and most other tree species are tolerant whilst a very wide range of weeds, including thistles and nettles, are killed. It does an excellent job.

The long term management of hedges depends on whether they are treated as shelterbelts and allowed to grow freely or as traditional tightly cut hedgerows. When the latter, it is

recommended to cut in rotation every third year or longer so that there are flowers for the pollinators followed by berries and seeds for the birds. An 'A' shape is best for wildlife five to six feet high and eight foot through the bottom. Cutting should not take place during the nesting season (April - July).

Hedges thus provide many benefits and with careful planning their establishment can be fairly straightforward.

New planting combined with the restoration of old hedgerows by coppicing or laying can greatly increase the amenity, wildlife and conservation value of a property. Happy planting this winter.

Eamonn Wall is a tree and woodland consultant and director with the nationwide tree planting and woodland management business of Eamonn Wall and Co. who specialise in the design and management of trees on golf courses. Tel: 01259 743212.



Kubota has donated to BIGGA's Education and Development Fund for the last 10 years and is well placed to see how that money has benefited the industry. Scott MacCallum met Deputy Managing Director Rene Orban in his Oxfordshire office.

# Tried and tested



**Kubota**

A company knows it's got it made when one of its products becomes the market leader. It knows that it has really cracked it when the product name becomes the generic name for what it makes. One immediately thinks of Sellotape - it always sounded weird when Blue Peter presenters talked of "sticky tape" when making something amazing out of washing up bottles... or Squeegee bottles which was another generic name of its time.

We still talk of doing the hoovering although Mr Dyson may dream of one day doing the Dysoning... Doesn't work does it?

In our industry you could make a strong case for Kubota being the generic name for the compact tractor.

"Take the Kubota and go and do..." is a phrase that could be heard in many clubs and virtually everyone would know on which piece of kit to jump.

"As a company we don't offer a total

package, our uniqueness is our speciality which we do play on and we are known for our compact tractor. We produce the top product in our field and in many areas it has become the generic name," said Kubota (UK) Deputy Managing Director, Rene Orban.

Rene admits, however, that the compact tractor market is now more congested than it once was.

"Two or three companies have joined the sector recently. It is quite a small market but I would imagine competitors have come in because they see scope for another brand or an area for them to diversify into. Perhaps it's because they want to take on Kubota," smiled Rene. You can be sure that Kubota welcomes the competition safe in the knowledge that they feel they have the products to cope.

"When we bring something out we know it is good because a lot of testing goes on before it is released. Speaking

as the people who sell the machinery, it can be frustrating because we know what's coming up but we can't get our hands on it until it has been completely tested. Having said that I've always believed it be the best policy," said Rene, who joined the company five years ago.

Kubota (UK) Ltd is a wholly owned subsidiary of the Kubota Corporation which is one of the largest manufacturing companies in Japan with a worldwide turnover in excess of £6 billion and 15,400 employees worldwide.

Kubota (UK), which also covers Ireland and, funnily enough, Iceland, works closely with its sister Kubotas in France and Germany.

"When we talk about development it tends to be on a European scale rather than just UK and some new product we've initiated while some of it has come from France," explained Rene, who collected a silver plate during BTME 2001 to recognise Kubota as one of only six companies to have given 10 years continuous support as a Golden Key member.

"We have monthly European technical meetings and tend to put forward a consolidated view rather than an individual one."

Each of the national Kubota companies works in a similar way with local nationals working alongside Japanese management, and in Kubota's Thame headquarters there are three Japanese - the Managing Director, the Finance Director and the General Service Manager. The normal practice is for a five to seven year secondment to the British base.

The MD is Mr Hideaki Kusaka, but like many Japanese he answers to a European first name, in his case Cliff.

He joined Kubota in June of last year







having previously working for Kubota in Japan and the US.

The relationship with Japan is extremely close and there are regular visits from the UK to Kubota's worldwide Headquarters to keep up to date with new developments and pass on the ideas of the British and European bases.

"I've just returned for a 10th visit to the United States and Japan with 32 dealers. The reason for the visit was to give them some idea of the sheer scale of Kubota as a company," explained Rene.

While no manufacturing takes place at the Thame base, just a few miles from The Oxfordshire golf club, Kubota (UK) employs 74 people and boasts 100,000 square feet of warehouses containing £12 million worth of machinery and parts. Current annual sales exceed a total value of £50 million.

Such is the reputation of the Kubota engine that many of the best known companies in the industry use the engine to power their equipment, although Kubota don't supply engines for installation into machines versions of which the company makes themselves.

"Supplying good quality engines for other companies must have a spin off for Kubota's own machinery business," explained Rene.

Since taking over from well known industry figure, Brian Hurlley, Rene has seen Kubota's market diversifying and not, as might be the case in with some manufacturers as a reaction to the downturn in agricultural, which Kubota have never seen as a core market.

"Prior to my arrival Kubota had built

up an incredible reputation in the trade and focussed on specific market segments, namely golf and local authority. In the last five years we have maintained our share of the golf and local authority markets but have looked at other markets as well. Add to that the product development and product extension we have made across the board and we have made good progress over recent years," he explained.

Included in these newly targeted areas are estate management, the hire market, contractors and landscaping, whose growth in market can be partly explained by the plethora of garden make over programmes like Ground force and Home Front in the Garden.

"It is very true that the market for ride-on mowers has been growing quite considerably and I suspect a lot of that is due to the gardening programmes. Not necessarily the domestic user perhaps but certainly the contractor," he explained.

"We are suited to these markets and it means we now have a very broad base."

Looking to the future Rene can see Kubota continuing to develop and improve its portfolio of machinery and equipment.

"When it comes to environmental issues we were one of the first compa-

nies to meet the strict Californian Emissions tests while this year we will be bringing out six new products bringing the total for the past two years to about 12. It is very much a case of continuous improvement."

With ten years of continuous support for the Education and Development Fund Kubota's commitment to greenkeeper education is there for everyone to see.

"There has been huge progress in BIGGA and that has assisted our policy of training and making information available.

"Any organisation that represents a serious proportion of an industry acts as a catalyst for the supplier and the end user. We are not at the opposite ends of the spectrum but someone has to bring them together as our needs are slightly different from the greenkeepers.

"The needs of us both can be satisfied by better training, more knowledge and better communication and I'm pleased with what BIGGA has done," he said.

Kubota has always enjoyed a close relationship with its customers but it is something Rene is keen to build upon.

"We'd like to see more greenkeepers coming to visit us here. We are a distribution place, not a manufacturing

operation but we'd like them to come down, take a look around and just talk about things.

"We have some extensions going onto the premises so we've got plenty of room so that's the message I'd like to go out to the Sections. If you can organise groups of greenkeepers then we'd love to meet them and I'm sure the odd bottle of stout would be in order. I'd like that very much," said Rene, whose offices are actually very well placed for a number of Sections in both the Midland and South East Regions.

In his time in the industry Rene has witnessed a change in the type of person now looking after golf courses.

"No disrespect to those who have been in the industry for years but the greenkeeper of 20 years ago is completely different to the one today and that's down to education and a more formal career structure which has brought people into the industry who perhaps previously wouldn't have considered a career in greenkeeping," said Rene.

The progress of the greenkeeping profession can be mirrored by the progress made by Kubota (UK) over the last 20 years and you can be sure that the close relationship between the industry and the company will only be strengthened in the future.



BIGGA TURF MANAGEMENT EXHIBITION  
**BTME 2001**  
 & EDUCATIONAL SEMINAR PROGRAMME

# BEING THERE MEANT EVERYTHING

The thirteenth BTME proved to be the best ever with record attendances, talented speakers, and busy stands. The occasion reinforced Harrogate week as a must for all greenkeepers and fineturf industry figures, and also attracted a large number of overseas delegates.



Above: The registration team was kept busier than ever before

Right: Packed to bursting

## EVERYONE'S A WINNER AT BTME!



Above: Essay category winner David Roy receives his cheque from Sir Michael Bonallack and Elliott Small



Above: Richard Whyman accepts his place on the Bernhard's Canadian Scholarship from Stephen Bernhard



Above: New FEGGA Chairman Joe Bedford presents outgoing Claus Detlef Ratjen with a framed print

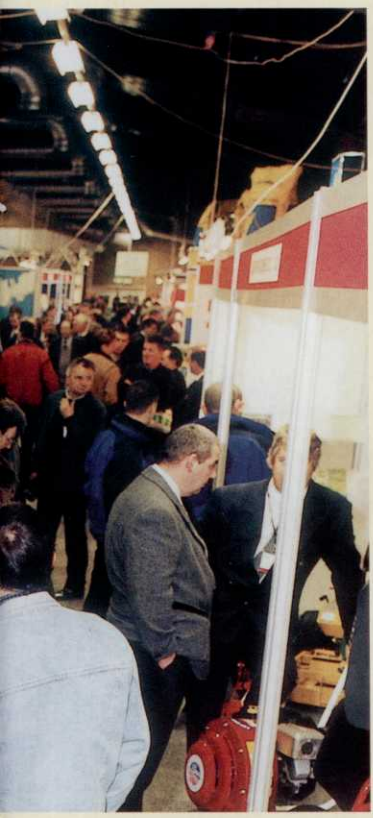


# CONFERENCE HIGHLIGHTS

The insatiable thirst for learning displayed by visitors to Harrogate was well and truly quenched throughout the week with a huge variety of workshops, conference topics and seminar sessions.



Above and right: A packed auditorium applauds Keynote speaker Richard Nobel as he recounts his motivational experiences behind his record-breaking landspeed attempt



Above: The plants and soil science workshop in full swing



Above: Delegates get to grips with the latest technology in the computer workshop



Above: A delegate talks through his finished design in the Golf Course Design 2 workshop



Above: Delegates get put through their paces in the Machinery Maintenance workshop



Above: Hayter's top dealer of the year award announced at their annual dinner in the St George Hotel went to Karl Green and Mark Lowe of K&M Mowers of East Yorks. Presenting the award was Lynne Fearis, wife of GCSAA Past President, Dave.



Above: A packed conference session listens intently to Jonathan Smith during the Environmental Management section of the programme



# THE KEY TO GREENKEEPER EDUCATION AND TRAINING

BTME gives BIGGA the opportunity of thanking those companies who have supported the Association over the previous year. The Chairman's Lunch on the Wednesday of the show is an enjoyable occasion and one at which Golden and Silver Key supporters are presented with plaques or badges. BIGGA President, Sir Michael Bonallack graced the occasion and presented the awards.



Above: Sir Michael Bonallack and Elliott Small with the Association's Golden and Silver Key supporters;



Left: Golden Key members with 10 years continuous support to the BIGGA Education and Development Fund receive a silver plate in recognition of their commitment to BIGGA's education and training initiatives.

# BTME BANQUET THRILLS AUDIENCE AGAIN

The Searchers took the audience on a trip down memory lane with a scintillating set incorporating many of their hits including, 'Needles and Pins', 'Sweets for My Sweet', 'Don't Throw Your Love Away', 'Love Potion Number Nine', 'Sugar and Spice', 'Some Day We're Gonna Love Again', and 'When You Walk in the Room'.



Above: Party goes getting into their groove

Right: Johnny 'Rotten' Pemberton sends his 'Pembets' into raptures





***How to stop the grass growing from under your feet.***



UNTREATED

TREATED

### **Longhand account.**

Trinexapac-ethyl is the active ingredient in Shortcut that works by redirecting plant growth. It specifically targets the gibberellic acid site responsible for cell elongation in grass. Not only does Shortcut inhibit vertical growth but actually diverts plant growth downward into the root system to produce increased food reserves and lateral stem development. This in turn produces a thicker, healthier sward that better equips your turf to withstand temperature extremes, moisture loss, traffic and wear and even helps in the management of *Poa annua*. American research has also established that Shortcut can enhance the performance of a fungicide when jointly applied and has no adverse effect on seedling development.

### **Shortcut version.**

A unique turf management tool that can reduce mowing frequency and grass clippings by half, improves turf colour and helps manage annual meadow grass.



# **SHORTCUT<sup>®</sup>**

*The Scotts Difference*

Scotts UK Professional, Paper Mill Lane, Bramford Ipswich, Suffolk IP8 4BZ. Tel 01473 830492 Fax 01473 830386.  
Always read the label: Use pesticides safely. Shortcut contains trinexapac-ethyl. R Trade marks of The Scotts Company or its affiliates.

*The Scotts Company is the worldwide leader in research, manufacturing and marketing of products for professional turf care, ornamental horticulture, field and vegetable production and domestic use.*



Neil Thomas reports on BTME 2001 and looks forward to changes next year



# CHANGING TIMES AT BTME

So it's over for another year and we reflect on a successful week in Harrogate, indeed on a BTME which surpassed expectations. Perhaps we came to Harrogate this year a little apprehensive not in terms of exhibitor numbers or the year on year growth of the show, but rather from the perspective of a gloomy autumn/winter period characterised by incessant rain and transport problems. Golf courses had been closed and trading had been difficult. Would this impinge on the BTME given also the current unreliability of our train services? Snow through Sunday did not auger well followed by rain on Monday and Tuesday. Low and behold, Wednesday dawned bright and clear.

Greenkeepers were about and a buzz was in the air. The trade began to smile and we were underway.

By mid-morning on the first day it was clear that our apprehension had been unwarranted as visitors appeared in droves, clearly bent on casting aside the despondency of previous months and kick-starting a better year for the industry. Queues were forming at the registration points and certainly BIGGA had not anticipated the volume of visitors - a pattern repeated the following day. It was a nice problem but a problem never-

theless and one which will need to be resolved for 2002. Queuing in the sunshine is one thing, if the weather had been inclement it would have been quite another. While pre-registration is always preferable, we appreciate that many do not bother to fill in and return the card - hence the queues which this year were significant given the increase in attendees. Registration will be reviewed for next year. With a provisional visitor figure of 7,172 for the exhibition, some 28% up on 2000, we are delighted, but explaining the dramatic increase is more difficult. My best guess is that so many within the industry and the profession wanted, indeed needed, to get the year off to a good start and there is no better place to do it than at the BTME.

Looking back on the week, it seemed to have the right mix. From a successful conference, in depth workshops and comprehensive seminar programme to outstanding keynote speaker and hugely successful banquet, the infrastructure around the exhibition contributed to a rounded event during which the trade did good business. Some come purely for the exhibition others for the education and many more for both. Combine this with the social and perhaps the

spiritual, for BTME is now an annual pilgrimage for many, and you indeed have a potent mix. Long may it last and we are greatly encouraged by the increase in visitor numbers this year.

Some thoughts on BTME 2002. BIGGA works closely with the BTME Steering Committee made up of representatives of the trade. During 2000, the Steering Committee set up a Working Party to look at future options for BTME in terms of opening days. The recommendation of the Working Party accepted subsequently by the Steering Committee and BIGGA's Board of Management was that for 2002 the exhibition would open on three days - Tuesday, Wednesday, Thursday with a later start time of 10.30am on the Tuesday. There would be a subsequent review of the opening days after the 2002 event. The increase in opening hours for 2002 has coincided with a sharp increase in visitors this year and this augers well for the future. BIGGA is well aware of the need to increase still further the visitor base and this will be a priority for 2002. BIGGA and the Steering Committee are looking to grow the event and will work closely together to ensure this is achieved. Breakdown next year will be on the

Friday morning thus ensuring three full show days. This is considered essential if the exhibition is to prosper under the revised opening days. There is a partnership between BIGGA and the Steering Committee and we consider that the mix I referred to earlier running throughout the week is essential to the continuing success of the BTME. Friday breakdown is considered by both parties to be an integral part of this mix ensuring that the exhibition finishes on a high note on Thursday evening.

Planning is already underway for BTME 2002. Bookings from new exhibitors are coming in at a fast rate and current exhibitors are requesting more space. We will do all we can to meet the needs and wishes of our exhibitors who make the BTME possible. It is not always practical to satisfy all needs but we will do our best in this regard. I believe that BTME 2001 has set up the year both for the trade and our members. I trust that the prevailing optimism after BTME will translate into a prosperous year all round and that the months ahead will be characterised by some warm and sunny days. Here's hoping.

Neil Thomas



**Priced right! Built right! High Spec! That's TYM!**

Superb quality ALL NEW Korean manufactured high specification tractors  
 Currently available: T390 39HP ROPS 4-cylinder KUBOTA engine

**39HP KUBOTA ENGINE**

**£9,995 EX VAT**



**TYM tractor prices include the following high specifications:**

**TYM T390 with roll bar**

- 39HP Kubota engine
- 12 forward gears, 12 reverse gears with synchro shuttle
- Selectable 2 and 4 wheel drive with diff lock
- Easy access flat floor with ergonomic controls
- 540/1000 PTO & draft control. Linkage drawbar
- Electro-hydraulic PTO control with auto stop rotate management
- Powerful wet disc brakes. Seat belts
- Power steering
- Rear linkage lift capacity 1300kg
- Front weights/turf tyres as optional extras

MOTOKOV UK Ltd GROUNDS CARE DIVISION,  
 Bergen Way, Kings Lynn, Norfolk PE30 2JH  
 Tel 01553 817700 Fax 01553 691201

MOTOKOV UK LTD ARE THE SOLE UK IMPORTERS OF ZETOR, LANDINI, EUROTRAC & TYM TRACTORS

**BATHGATE**  
*Leisure*

# The Greenkeepers Choice...



## Top Dressings

- Combining technology and quality.
- All dressings are heat treated and mixed to specific requirements.

## Rootzones

- The perfect foundation for optimum growth.
- Quality is assured through on-site laboratory testing.



**800 TONNES AVAILABLE DAILY**  
**DELIVERY WITHIN 24 HOURS**

BATHGATE SILICA SANDS LTD  
 Arclid Quarry, Congleton Road, Sandbach, Cheshire, CW11 4SN  
 Tel: 01270 762828, Fax: 01270 760557



**NEW** from  
**VITAX**

A revolutionary, totally soluble, long lasting, slow release fertiliser for fine turf.

Longlast contains **UMAXX**, a mini-prill which gives you the benefit of being totally soluble within a matter of hours allowing play to continue. Fertiliser removal by mowers is entirely eliminated.

More information from your Vitax technical representative.  
**Vitax Limited** Owen Street, Coalville, Leicestershire LE67 3DE  
 Tel: 01530 510060 Fax: 01530 510299  
 E-mail: info@vitax.co.uk Website: www.vitax.co.uk

lasts up to **16** weeks



# LongLast

**HIGH PERFORMANCE LONG LIFE TOTALLY SOLUBLE MINI-PRILL FERTILISER**



# LARGEST EVER INTAKE OF MASTER GREENKEEPERS



The elite club at the top prestigious Master Greenkeeper programme received its largest ever intake when BIGGA announced the names of six Course Managers and Golf Course Superintendents who had earned the right to don the much sought after blazer.

The new intake takes the total number of Master Greenkeepers around the world to 28. Four of the six were presented with the blazers and plaques by BIGGA President Sir Michael Bonallack and BIGGA Chairman, Elliott Small, in Harrogate International Centre's Royal Hall with the remaining two being presented with the same during the Golf Course Superintendent Association of America's Show in Dallas next month.

The four are Stuart Cagle, Superintendent at Old Oakland Golf Club, in Indianapolis, where he has been

since 1987; Geoff Coggan, an Englishman abroad, who is Superintendent at the Great Outdoors Recreational Vehicle, Nature and Golf Resort in Titusville, Florida; Walter Montross, who is Superintendent at the Westwood Country Club in Virginia, where he has spent the last 10 years, and David Murdoch, Course Manager at Liphook Golf Club in Hampshire, a Scot "abroad", who has been a greenkeeper for 15 years.

The remaining two are Brian Sullivan, Superintendent at the Bellair Country Club on Sunset Boulevard, Los Angeles and John Gasper, Country Club of the Desert, California.

The Master Greenkeeper programme is in three stages - the accumulation of 200 credits based on experience, qualification and continuing educational development; a course visit carried out by existing Master Greenkeepers and a two part written exam. The programme has been running since 1990.



Anti-clockwise from top, pictured with Sir Michael Bonallack and Elliott Small are: Stuart Cagle, Geoff Coggan, Walter Montross and David Murdoch



## TAM O'BIGGA

Those who enjoyed Kerran Daly's epic poem, Tam O'BIGGA, which appeared in the BTME catalogue may have felt it got off to a little bit of a slow start.

Unfortunately due to a production error the first line was missed off.

The first verse should have should have read;

When conference day is wearin' late  
And we're a' oot in Harrogate  
Gie'n chat in Yates's bar  
While supping down another jar  
The boys are limbering up for Jimmy's  
Where they can strut their funky shimmies  
And in the heat-hazed, flights o' fancies  
Fantasise one-night romances  
The night wears on, the girls get sweeter  
Steadfast souls begin to teeter

Their spirits roused by sideways glances  
They vastly over-rate their chances  
Throu' heaving crowds Tam sallies forth  
To charm the lasses from up North  
But long before he meets his quarry  
He knows tomorrow he'd be sorry  
Tam wakes from his deceitful dream  
To inwardly abort his scheme  
And turning left instead of right  
He wanders oot into the night

Apologies to Kerran and I hope you enjoyed BTME 2001.

The entire poem - minus that first line - can be seen in both the BTME catalogue, and also on our website at [www.bigga.org.uk/btme](http://www.bigga.org.uk/btme)





## Get a Headstart® ...

Headstart® is a revolutionary biological seed treatment that can speed up germination by 20%.

Headstart® helps greenkeepers and groundsman establish new turf or repair key playing areas when under pressure against time or weather conditions.

It also helps prevent disease and is used on the highly successful 'MM' range of grass mixtures from Advanta.

### ...beat the Competition!

Call today to find out how on +44 (0)1529 304511  
or visit the website [www.headstart-advanta.co.uk](http://www.headstart-advanta.co.uk)

Advanta Seeds UK Limited · Sleaford · Lincolnshire · NG34 7HA · Fax: +44 (0)1529 413137  
email: [amenity@advantaseeds.co.uk](mailto:amenity@advantaseeds.co.uk)

# GAMBETTI BARRE UK

Visit us @: [www.gambetti.co.uk](http://www.gambetti.co.uk)



**SPRAYER SPECIALIST.  
LARGE RANGE & BUILT  
TO ORDER.**

SALES TEL:01361 884288 FAX:01361 882082. TECHNICAL SALES TEL:0116 2864514



## NEW FOLIAR TREATMENT FROM LINDUM

Lindum Plant Nutrition launched a foliar treatment which aids photosynthesis. ProteSyn is a liquid, organic compound which encourages healthy cell division, respiration and energy conservation in turf.

By providing complete amino acids, proteins and carbohydrates which are usually deficient in turfgrass in intensive use and under stress, ProteSyn improves the sward's photosynthetic efficiency, thus helping the plants to help themselves. As with all Lindum Plant Nutrition products, this new foliar treatment is designed to be incorporated within a total turf programme which Lindum create on an individual basis for each client, following extensive soil analysis.

## TEXTRON DEBUT LIGHTWEIGHT TOP DRESSER

The Turfco SP-1530 TM truck mounted broadcast top dresser made its UK debut on the Textron stand.

Ideal for greens that will not accommodate a towed top dresser, the SP-1530 TM provides unparalleled performance for fast and light applications. It can be easily coupled to a four-wheel Cushman Turf-Truckster using a few simple mounting brackets and connectors.

The hydraulically driven conveyor belt and twin spinners provide a uniform application at any speed, with the spinner angle easily adjustable for maximum penetration. The distribution pattern is variable from 4.57m – 9.14m enabling the majority of greens to be covered in just two passes.

A large hopper ensures fast loading using a front-end loader and one operator can do the entire job; for the busy greenkeeper that's fast and cost-effective greens management.

# SISIS UNVEILS LATEST ADDITIONS

## TWO NEW PRODUCTS COMPLEMENT SISIS RANGE

The new SISIS Rotorake is a thatch remover for regular routine use but also has the capability to work deeper when required, while retaining the finesse of the SISIS Auto-Rotorake and leaving a clean cut groove. The maximum working depth is 45mm.

The Rotorake 600 incorporates the SISIS Rotorake contra-rotation principle, whereby the reel rotates at high speed against the direction of travel. The blades therefore cut upwards holding the machine to the ground to maintain a regular working depth. A range of interchangeable reels is available.

The new SISIS Tigarake, hydraulic scarifier, has been designed for fast, effective, thatch removal on golf greens, tees and approaches.

The twin scarifying units give a working width of just over a metre. The entire machine floats on a front roller, and each individual unit floats independently across the width of the machine. It therefore follows undulations maintaining the depth of cut and eliminating scalping.

There are four interchangeable reels available: thatch removal reel; verticutting reel comprising close-pitched triangular blades for light scarification during the growing season; brush reel to remove light surface debris and lift grasses prior to mowing; combined reel with thatch removal blades interspersed with brushes to remove thatch efficiently, with the added benefit of a brushes finish.

The angle of 'throw' is adjustable for wet or dry working conditions. The large capacity collector tips for emptying or can be removed. The support legs slot away during work.



## TORO AIM FOR A BLAST WITH LATEST SIDEWINDER LAUNCH

The Groundsmaster 3500-D Sidewinder from Toro is a rotary mower with cutting units that can be shifted to either side of the machine to provide an overhang for trimming grass edges such as bunker rims and fringes. The machine is fitted with rollers and produces a fine cut, and is suitable for other mowing work such as fairway semi-roughs.

Toro says that the unit's key benefits are a superb quality of cut, high productivity and the delivery of an excellent after-cut finish that is aesthetically pleasing.

The GM 3500-D is designed to appeal to greenkeepers, grounds managers and landscape contractors. In golf, its use is primarily for surround mowing, trim work in roughs and for striping around the clubhouse and other desirable areas.

The GM 3500-D's innovative cutting system comprises three individual, 27in floating rotaly decks with front and rear rollers which follow ground contours to virtually eliminate scalping. The deck overlap configuration prevents grass streaks in turns and on banks.

Versatility is provided by an adjustable width of cut, which allows the machine to be set up for three different cutting widths – 68in, 70in and 72in – by simply changing a bolted assembly. A 68in set-up gives additional protection against grass streaking on banks or when turning; while 72ins provides more productivity on non-hilly terrain or for straight-line cutting.

The Sidewinder system enables the decks to slide 12in left and right of centre. This provides a 12in overhang on either side of the mower at a 68in

width of cut. At the 72in cutting width, the overhang available is 14in. Height of cut is adjustable in quarter-inch increments from three-quarters of an inch to four inches. The Toro GM 3500-D is fitted with a Kubota 35hp turbo diesel engine and has permanent three-wheel drive for both mowing and transport. Mowing speed is factory set at 6mph, but is adjustable, and the unit can travel at up to 9mph in transport. The all-new Toro Groundsmaster 4000-D is a powerful lift rotary mower that is highly manoeuvrable and produces a superb, high-quality cut.

The machine is being introduced to meet the demand from those customers who prefer a large-scale rotary with a three-deck configuration. Toro says that the new GM 4000-D has been specifically designed to cater for five key customer requirements identified

after extensive research. These are power, cutting performance, trimming capability, traction and operator comfort.

Therefore the unit has been given more power than competitors' equivalents with a Kubota turbo diesel, 2-litre engine developing 56hp (42kw) and providing plenty of power for a variety of cutting conditions.

On cutting performance, the focus is on the quality of cut, mowing capacity, ground following and after-cut dispersion of the clippings. Rear discharge decks are fitted for even dispersion of cuttings for a clean after-cut finish. For even cleaner cutting management and added safety, these can be converted by customers to Toro's Guardian Recycler design simply by bolting on baffles and kickers.



# PHOTOCAST TEE SIGNS



By  
**EAGLE PROMOTIONS**

Scorecards • Course Measurement • Yardage Books • Tee Signs  
Event Boards • Leaderboards • Notice Boards • Bag Tags • Green Fee Tickets

Call Philip McInley on : 01883 344244

email us: eaglepromotions@compuserve.com

visit our website @ [www.eaglepromotions.co.uk](http://www.eaglepromotions.co.uk)



## Agrokid

the **BIG** idea in  
**compact tractors**

With front, centre and rear power take-offs, the Agrokid is equipped for the broadest range of applications. Speeds of 540 and 1000 rev/min plus ground speed for rear-mounted equipment, and 1000 and 2000 rev/min for front and mid-mounted machines means the Agrokid will earn its keep all year round. Combined with Deutz-Fahr's quality engineering and reliable technology, the Agrokid guarantees maximum economy because of its unbeatable utilisation potential.

Choose from 25, 35 or 42hp models.

For more information contact your  
Deutz-Fahr dealer or e-mail [info@sdf.co.uk](mailto:info@sdf.co.uk)

Same Deutz-Fahr UK Ltd, Barby Lane, Barby, Rugby,  
Warwickshire CV23 8TD

Telephone: 01788 891892 Fax: 01788 891387

**DEUTZ  
FAHR**



## NEW FAIRWAY MOWER FROM JOHN DEERE

Featuring a 32hp liquid cooled diesel engine, hydrostatic transmission and power steering, John Deere's new look 3235B lightweight five gang fairway mower was unveiled at the show.

The machine offers higher capacity hydraulics, larger wheel motors and a maximum engine output of 38.5hp, with electric fans for quieter operation on golf courses and other amenity turf areas. There is a new ball joint and yoke design on the mower's standard cutting units, for improved grass collection. New reel motors and a new bedknife to reel adjustment, coupled with a new triple pump, increase the overall cutting performance.

The 3235B fairway mower is available with a choice of 12.7cm diameter seven blade standard, or 17.7cm diameter eight blade ESP (extra strength and precision), cutting units. Five and 10 blade ESP units are also available. The patented RFS (rotate for service) feature means the cutting units can be rotated and presented for easy servicing.

Overall mowing width is 2.54m, and the two front outer reels fold up to give a transport width of 2.2m. Height of cut ranges from 6.4 to 76.2mm, depending on model.

Further standard features include patented hydraulic down pressure on the reels to follow ground contours more closely, on board backlapping and simple reel speed adjustment. Options include four wheel drive, roll-over protection and John Deere's new FTC (fairway tender conditioner) with rear roller power brush attachments.

These provide a better, cleaner finish by grooming, recutting and dispersing grass clippings more evenly, particularly in wet conditions, without leaving unsightly clumps of grass on the fairway, and by reducing thatch build up.

Basic price of the 3235B is £29,301 with seven blade standard reels and £30,741 with eight blade ESP reels.

## UPDATED SEED CATALOGUE

Barenbrug UK launched its new catalogue at the show. For the new Millennium the publication, 'Amenity Grass Seed and Wildflower Mixtures 2001', is double the size of its predecessors, now being in A4 format and 40 full-colour pages.

It details all the company's products and services with a colourful, pull-out Mixture Selection Guide which makes choosing product quick and easy, while throughout the catalogue, panels spotlight helpful hints and technical information. Highlighted in the brochure are Barbizone and Barfelix, two varieties of a brand new species for Barenbrug, namely tall fescue. Specially bred for UK conditions, trials have shown these to be ideally suited for stressed soccer grounds and other facilities, being wear tolerant, disease resistant and even able to withstand waterlogging.

## KUBOTA LAUNCH THEIR MOST POWERFUL ROTARY MOWER AT HARROGATE



The most powerful-ever Kubota ride-on rotary mower made its UK public debut at BTME. Known as the F3560, the new model extends Kubota's F Series front mower line-up to four machines rated at 18hp, 25hp, 30hp and, now, 35hp.

The F3560 ride-on front mower is powered by a highly fuel-efficient Kubota E-TVCS (triple vortex combustion system) 35hp diesel engine, renowned for its low levels of noise, exhaust and vibration. The F3560 has as standard single pedal hydrostatic transmission, tilt column power steering and shaft drive to its three-bladed 1.83m (72in) cutter deck. Mowing height is quickly adjustable from 25 to 102mm (1 - 4in).

Sharing all the key features of its F Series stablemates, the F3560 is

designed to operate for long hours on large areas of grass across level or hilly terrain. Its tight turning circle, compact dimensions and low centre of gravity make it equally well suited for work on banked ground and amongst trees and similar obstacles. A safety rollbar, weather cab or safety cab are all available.

Other important features include a hydraulically-actuated, oil-immersed PTO clutch which ensures smooth cutter engagement, minimising shocks and maximising clutch and drive line life. For optimum cooling efficiency and operator comfort, air drawn through the radiator is force-fed into the engine chamber before being discharged to the rear of the machine, keeping hot air away from the operator.

## BERNHARD'S NEW GRINDER



Bernhard and Co introduced its most advanced rotary blade grinder, Rota-Master at the show.

An essential tool in the workshop this machine, once set up, can be left to complete the grinding cycle alone - due to the unique automatic infeed with auto cut-off.

Features include a quality balancer and automatic traverse with easily adjusted travel stops. With blades held securely in place both ends can be ground at the same time almost eliminating the necessity for post-sharpen balancing.

Operators benefit from Rota-Master's ergonomic work height and built-in dust collection system - which has the added advantage of an attachment to vac out the working area. The grinding operation occurs away from the operator for added safety.

## TEXTRON UNVEIL HANDY CONTROL SYSTEM

Also unveiled at the show was the Ransomes Super Certes walk-behind mower with Motivair™, the new servo-control system for pedestrian mowers.

Motivair™ is easily identified by its distinctive profiled handgrips incorporating the engagement trigger and safety collar. The handgrip design provides the best user comfort possible, while complying with stringent safety legislation. A gentle squeeze of the trigger allows the vacuum operated servo-control system to engage the drive clutch. This new design provides an exceptionally smooth take-up of power with almost effortless operation and providing the user with a comfortable working platform.





# WHEELS WHEELS WHEELS

From a lawn mower to a Muck spreader - your search for agricultural and lawnmower wheels ends at Totrax

We can supply standard wheels from stock or fabricate to customer's specifications

No order too large • No order too small

We can deal with them all

Including your tyre and tube requirements

For advice and/or technical information call:

**TOTRAX LTD**  
SPECIALIST TYRES AND WHEELS

Tel: 01205 280578

Fax: 01205 280520

Email: sales@totrax.co.uk

Website: www.totrax.co.uk

# relief grinding...

...the only way forward

Efficient grinding keeps your mowers on the greens and out of the workshop, saving you time and money.



When you have reached perfection in performance you can pay attention to detail

For full details of our range of  
**Juno & Jupiter**  
mower grinding machines contact:



HUNTER GRINDERS

Hunter Grinders Limited  
Delta Works, Hobson Industrial Estate,  
Burnopfield, Newcastle upon Tyne NE16 6EA  
Tel: 01207 270316 Fax: 01207 270312

# Vaminoc-G<sup>®</sup>

## Four Weeks

The time you could save to establish new turf

- ✓ Quicker Establishment
- ✓ Improved Performance
- ✓ Reduced Stress Levels
- ✓ Deeper Rooting
- ✓ Environmentally Friendly

### What is Vaminoc-G?

A mycorrhizal inoculant for fine turf that produces enhanced root density and depth and increased stress tolerance

For full details  
Telephone 01405 704 840

Fern House Marketing Ltd. The Fernery, Reedness, Goole, DN14 8EW.  
Tel: 01405 704 840 Fax: 01405 704 850 e-mail:sales@vaminoc.co.uk

© Vaminoc-G is a registered trademark of the MicroBio Group Ltd





# RENAULT

# ORANGE ON COURSE



## Don't be handicapped by your tractor.

When it comes to seeking a rugged performer for work on or around the fairway, the Renault Pales is your answer.

With power outputs of 52hp, 67hp and 76hp, and the option of two- or four-wheel drive, Renault Pales has the reliability, manoeuvrability, power and speed you need to get jobs done quickly and efficiently.

- Lightweight
- Compact
- 40kph available with 4WD
- Spacious cab
- Wide selection of tyre options
- High lift capacity



Contact us now to find out how Renault can reduce your operating costs, but increase efficiency.

Renault Ltd, Shipston House, Darlingscote Road,  
Shipston-on-Stour, Warwickshire CV36 4DZ  
Tel: 01608 662727 Fax: 01608 662701





**Scottish Region**  
Peter Boyd  
Tel/Fax 0141 616 3440

**North**

One new member to welcome to the Section this month, Ryan Ross from Royal Aberdeen. We look forward to welcoming him to future outings along with the other members of Royal Aberdeen GC.

Congratulations to Richard Ewan, of The Nairn GC, on the birth of his 10.5lb son at the end of year 2000. We hope all the family are well.

Richard is also to be congratulated along with Stuart Hogg and Kevin Fowler of Fortrose and Rosemarkie GC, who, with myself became the first students to complete the SVQ Level three on fast track through Elmwood College, Cupar, Fife.

It was hard work, but also satisfying and is a great way for us older greenkeepers to gain recognised qualifications. I would like to thank Elmwood College for providing this course and Huw Parry and Allan Clark in particular for helping us through it. Hopefully we will be the first of many.

This year's 200 Club tickets should be sent out shortly and we are grateful to Ray Warrender and Barclay Ross for sponsoring it in the year 2001.

Please help our organiser, Stewart McBain, by sending your money back quickly, or if you really cannot buy it this year, let Stewart know as soon as possible so he can sell it to someone else. This is the only fund raiser for the Section and helps to keep the cost of the outings down, as we don't want to make money from them to run the Section. As long as we can sell all the 200 Club tickets, we can run the Section and offer our outings at lower prices, so please do your bit as it is much appreciated.

This month I am off to Dallas for the GCSAA Show, which I am really looking forward to and can thoroughly recommend to any member to try one year. The BIGGA package is good value and you will be amazed at the size and quality of the show and seminars.

Iain Macleod

**Central**

Will the following members please return their allocation of "Club 2000" tickets as they should have been sold or returned to me by December 31 2000.

A. Adams, T. Adamson, J. Aitken, J. Atherton, P. Atkins, M. Baird, S. Balfour, R. Balloch, R. Barron, S. Bayne, J. Beattie, A. Begg, W. Bell, J. Bone, M. Booth, P. Brown, D. Brown, M. Brunton, S. Bryceland, J. Campbell, M. Campbell, G. Campbell, A. Clark, J. Clowry, P. Murphy, J. Quinn, J. Colvin, T. Comerford, P. Conway, S. Crawford, R. Crighton, J.

Cunningham, H. Davidson, R. De Rose, J. Kidd, W. Swan, A. Touch, I. Menzies, S. Ewing, A. Drummond, T. Edwards, B. Durkin, A. Duncan, I. Donaldson, D. Deacons, M. Doris, I. Dye, J. Farrar, S. Fenwick, M. Gardner, G. Ferguson, A. Fleming, D. Gardner, A. Gibson, D. Gormen, V. Green, J. Grieg, A. Graham, M. Hall, D. Gray, J. Gowans, M. Geddes, L. Handyside, T. Harris, P. Harrison, K. Harrow, R. Hastings, B. Heggie, J. Henderson (Ballingry), J. Henderson (Kennoway), M. Herd, C. Hopkins, M. Horkan, S. Howie, I. Hunter, G. Innes, B. Irving, I. Jarvis, J. Jones, L. Kennedy, D. Key, P. Keyworth, I. Kinley, C. Kitching, I. Knight, D. Laing, M. Laing, C. Law, G. Logan, G. Lorimer, G. Lothian, G. Luke, C. MacDonald, A. MacFadyen, S. McGregor, S. MacIntosh, R. MacMillan, J. MacPhail, S. Manatini, R. Marshall, I. Marshall, K. Martin, S. Martin, D. McAllister, S. McAughey, G. McCandless, A. McCulloch, I. McIntosh, D. McKenna, C. McKenzie, G. McLaren (St. Andrews), G. McLaren (Buckhaven), J. McLean, M. McLeish, R. McLuckie, D. McNeil, W. McWilliam, T. Meenagh, R. Meikle, W. Milton, S. Mitchell, B. Mone, S. Muir, C. Mulligan, S. Newall, B. Nicol, W. Nisbet, T. O'Connor, J. Paterson, S. Patrick, A. Paterson, S. Pearson, A. Peggie, W. Philips, J. Philp, S. Pilling, C. Powrie, F. Prosser, A. Purdie, C. Purdie, S. Raeburn, T. Rawlinson, W. Redpath, S. Reid, G. Reid, M. Ritchie, S. Robertson, R. Robertson, A. Russell, I. Salmond, B. Samuel, M. Shanahan, R. Sharp, C. Simpson, R. Smith, D. Shearer, C. Shepherd, S. Simpson, D. Simpson, I. Sinclair, C. Smith, G. Smith, S. Smith, A. Souter, I. Smith, T. Spence, S. Stenhouse, C. Stafford, P. Stewart, G. Taylor (Glenrothes), G. Taylor (Leven), G. Todd, A. Torrance, S. Turner, D. Urquhart, C. Webb, H. Wei, M. White, C. Wilson, G. Winter, S. Wood, A. Wotherspoon, D. Wright, B. Young.

That's this month's Section news folks!

John Crawford

**East**

Well nothing to report this month - as normal, everything is very quiet after Christmas, New Year, and, of course, BTME at Harrogate.

Hopefully I will have some stories to report from BTME or maybe some photographs, or someone might send me something to put in my article next month.

The Committee is, at present, putting together the fixture list for this year so you should have your Fixture Cards soon. Let us know if there is anything you would like to see us doing. As you will all know the annual dinner dance was cancelled last year due to lack of numbers but we all hope we can resurrect it in some form this year, maybe at a different time or a dif-

ferent format. Please let us know what you want because it's your Association. If you don't, the dance will bite the dust just like our skittles nights and summer matchplay competitions. Come on, the Committee needs to hear from you!

You can contact me at all the usual numbers (all in previous magazines). So don't forget we are waiting for your call.

Chris Yeaman

**West**

First of all let me wish you all a belated happy new year and I hope you have all enjoyed the holiday period.

The year 2000 has been a very successful one for West Section members with Jonathan Cleland, of Helensburgh GC, winning the Toro Student Greenkeeper of the Year Award & Ronnie Bunting, of Kilmacollm GC, extending his growing list of achievements by qualifying for the Toro Award for Excellence in Greenkeeping and winning the Scottish Award in the BIGGA Golf Environment Competition. I would like to offer both my congratulations and that of the Section committee to you both and look forward to hearing about your experiences during both the competitions and about Jonathan's visit stateside as part of his prize.

Hopefully 2001 will be just as successful if forward thinking club's continue to allow their staff to further their education within the industry.

I would also like to extend a warm welcome from the Section Committee to our newest members, Gary Anderson and James Muir McGowan, and look forward to meeting you at the up and coming West Section events.

Confirmed venues for the West Section outings are Kirkhill GC on April 25 and at Milngavie GC on September 20. On behalf of the Section members, the Committee would like to thank both Kirkhill GC and Milngavie GC for the courtesy of playing their courses.

The 100 club will again be run this year with three draw's made throughout the year. The numbers will be drawn both the spring & autumn outings and a further draw will be made at the Section AGM. Tickets will be on sale soon from committee members so book early to avoid disappointment.

One other golfing date to note is the Head Greenkeepers/conveners match to be played at Helensburgh GC on April 5. I am sure Ronnie Miles, last year's winner, will already be practising and getting the course into fine condition to defend his club's coveted trophy.

As Gavin mentioned in December's Section news the Scottish Educational Conference will be held at Lauder College, Dunfermline on March 6. All Section members who have the opportunity to attend this event

should as in the past both the venue and the quality of speakers have been of the highest standard.

Well all that is left for me to do is wish you all a successful season. I look forward to seeing all the usual faces at the outing and hope that a few new faces will make the effort to come along to what are always very enjoyable days. All the best. If you have anything of interest to write in the column please phone me on 0135266862.

Brian Bolland



**Northern Region**  
Douglas Bell  
Tel: 0151 431 0433

**North West**

Boxing Day, full of turkey and Christmas pudding, nothing to do, so I have decided to write the Section notes. This is not a chore I enjoy, because, other than the weather conditions, I find very little to write about, not having any news sent to me. However, we did have an excellent seminar in the North West on the 7th December at Penrith Golf Club. The Seminar was well attended with 70 Delegates and six speakers.

The first speaker was Alistair Beggs, turf grass agronomist with the STRI, his talk was on Pest and Disease Management, highlighting the problems of controlling pests and disease, due to the lack of chemicals available, many of which have been taken off the market because of Health & Safety Regulations. It looks as though we are going to have to revert to old methods, so I suggest that you get some of your old books out and look for some of the old timers' remedies.

Bill Powell, Business Development Manager with Marks & Spencer, then told us we all needed to know about stakeholder pensions, which was more interesting and which more young greenkeepers should look into.

Ken Richardson, BIGGA's Education and Training Manager, then updated us on greenkeeper education, and what is new. Some of the education courses aren't that new, like regional courses which are not so well attended. Apart from these courses there are many other things to organise. Toro Excellence in Greenkeeping; Golf Environment competition; Toro student of the year competition, and much more. Ken also reminded us about the library at BIGGA HOUSE, where you can borrow books free of charge, posted to your home. There are also six videos you can purchase at £14.95 each.

Bob Taylor, Senior Ecologist with the STRI, gave an interesting talk about the benefits of being environmentally friendly. Bob is also ecologist to the R&A undertaking ecological assessments on the Open Championship courses and also judges the BIGGA Environment



Competition. After lunch Tom Rickerby, Chairman of Greens Committee at Lancaster Golf Club, talked about the role of Chairman titled, "A Personal View" with good points raised.

Martin Jones, head of Turfgrass Science at Myerscough College finished the day with a talk on "Climate & Golf Courses." This subject is very topical at the moment because of the dreadful weather over the last 12 months. The weather changes so quickly, as I am typing these notes - from freezing to snowing, so at least it will keep the golfers off the courses. Many thanks to all the speakers, thanks to Penrith Golf Club, and to the caterers for a magnificent buffet. Not forgetting Doug Bell, the Regional Administrator, who arranged the day.

Some dates to remember: Mere Seminar, Thursday March 22; Spring Tournament, Mere Golf And Country Club - Monday April 23; Summer Tournament, Mottram Hall Golf & Country Club - Tuesday, June 12.

Once all the fixtures are finalised you will receive a fixture list for the year.

Any news, views and complaints, you can contact me on, Mobile-07761583387 or 01517245412.

Bert Cross

#### Northern

Well done to Bob and Katie Harthorne as they are now the proud parents of a little girl, Emily Rose who weighed in at 7lbs. Unfortunately she looks just like Bob, but never mind, I am sure it will be a passing phase!

Congratulations also to Jim Brown on his appointment as Course Manager at Penwortham GC, over in Lancashire.

We welcome Paul Marc, from Harrogate GC, and Roger Heeley, from Meltham GC, as new members.

There is no other news at the moment, but if anybody as any then let me know. My address is 67 Asquith Avenue, Morley, Leeds, LS27 9QS; Tel: 0113 2383188; mobile 07790 678572, Email: andy.smith21@hotmail.com

Andy Smith

#### North Wales

Apologies for the following column being late and a month out of date, but there seems to have been a mix up at HQ. Please get in touch with me if you have anything I can write about as I am not on Committee anymore so I need to be contacted - all my contact numbers are on your diary of events leaflets.

Yet again it's rain, rain, rain - I wish I was in Spain instead I'm

watching water going down the drain... pain!

The lecture at the College in November was attended by 75 delegates which was absolutely fantastic and made all the effort so worthwhile. Thanks go to Trevor Chard, of Lely UK, Andy Jones and Glyn Hughes, of Major R Owen, for an excellent overview of routine maintenance versus expensive breakdowns. An extra thank you to Majors for sponsoring the refreshments (the mince pies were great). Thanks also to Derek Green, Course Manager at Royal Liverpool, who educated us on bunker construction. It also served to give warning to those members playing in our Christmas tournament the type of revetted faces awaiting the wayward shot. Never failing to get a locomotive engine into the talk, we were treated to a number of impressive South African sunset shots to end an excellent day. The next lecture is on Wednesday 10th January at the College, on Course Design and Plantings, starting 2.30 pm - see you there.

The annual coach to Harrogate was run again on Wednesday 24 January. This year things were different. Forms were sent to the section and a £10 refundable booking fee was requested, so if you

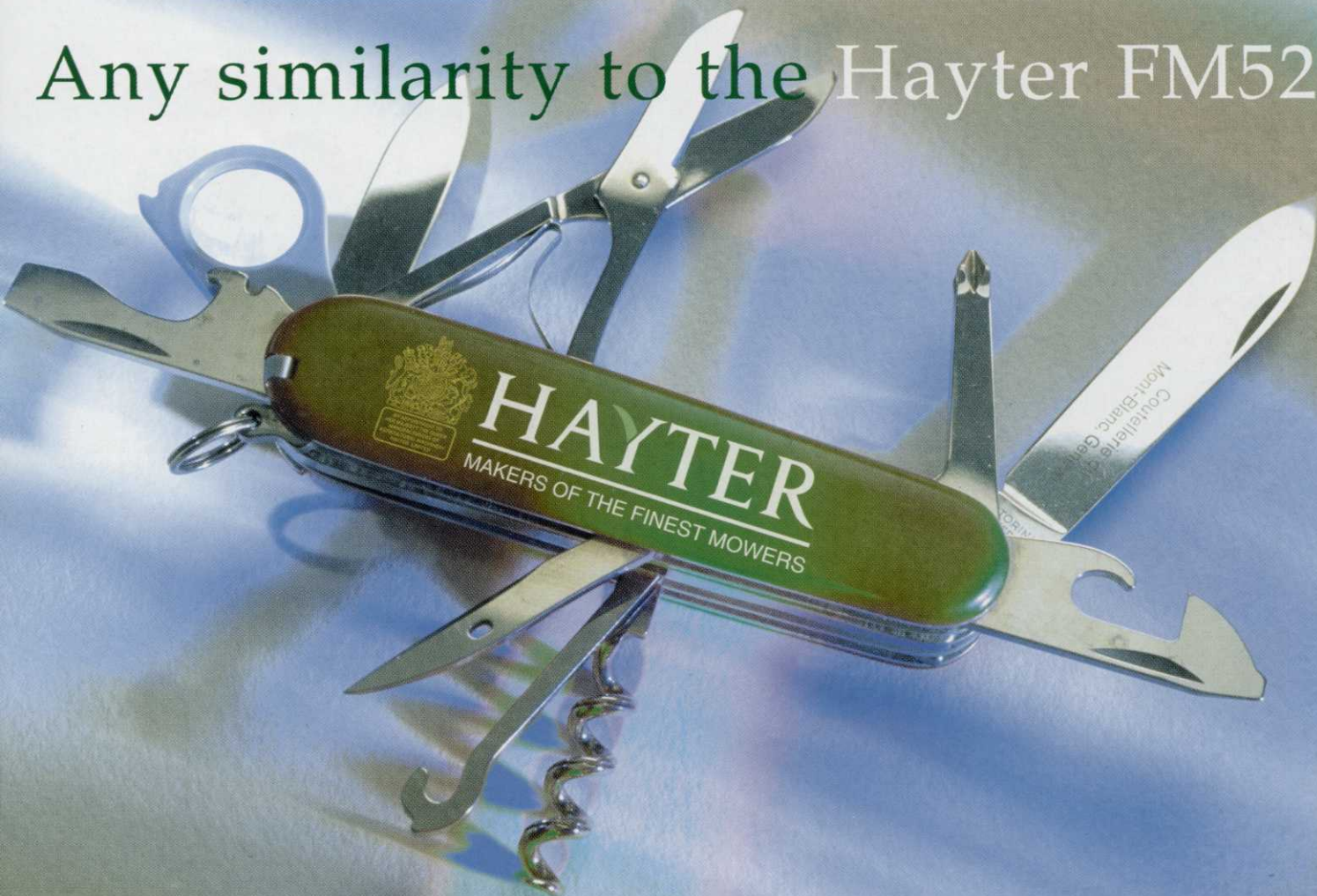
booked and got on the coach you got your money back. However if you booked and didn't turn up, you forfeited the cash. This had to be done so we knew what size coach to book.

The Section would like to wish a very happy and long retirement to a man, who, I imagine, is one of the longest serving greenkeepers to single club in history. The man in question is Aneurin Hughes, of Rhos on Sea Golf Club, who had an article about him in G.I. not long ago. He has served the Club for an incredible 51 years, a fantastic achievement - all the best to you.

The Christmas tournament at Royal Liverpool was played in lovely conditions and the course was a credit to Derek Green and his staff. All the work now being done is amazing and will hopefully get the course back into open reckoning. Our thanks go to the Captain, Council and members of the Club for allowing us the honour and pleasure of playing such an auspicious course and to the catering and bar staff for providing such splendid after game meals and refreshments.

The results were Shaun Pritchard, Llanymynech 38 pts, who retained both the Toro Trophy and the Bill Lawson Shield for the best under 21 (he is still only 19). Allen Lewis won

Any similarity to the Hayter FM524





the best aggregate for the season again with 33pts. Llanymynech seems to be the place for good golfers. Andy Cornes won the Trade Cup, completing a clean sweep of trophies for the season. Nearest the Pin: member Terry Adamson, guest Dave Austin. Longest Drive: member Andy Peel, guest Dave Austin. Thanks go to Acorn, ALS, Bathgate, Osmans, North Staffs Irrigation, Walker Engineering, Gem, and Richard Campey.

Your Committee for 2001 will be S. McCall, Chairman; C. Price, Vice Chairman; G. Edwards Secretary; T. Johnston, Treasurer; J. Hughes, Match Secretary; G. Whitby, T. Adamson, A. Cornes and S. Robert. A good turnout was achieved at the AGM where the Committee was finalised.

Keep up the good work lads and keep our Section the envy of others.

Dave Goodridge

#### Sheffield

Very little to report this month except to remind members that our third winter lecture is on the 1st of March at Rotherham Golf Club with normal start time of 2.30 p.m. The guest speaker will be Symbio. Anyone wishing to place information

in this column may do so by contacting me on 01142477976

Alan Sampson



Midland Region  
Les Emery  
Tel: 0116 287 9036

#### Midland

Happy New Year to everyone and hopefully a drier one to boot.

Looking back to the Christmas Golf Day which was held at Sutton Coldfield, the course was in tremendous condition given the appalling weather, so all credit is due to Alan Kite and everyone at Sutton Coldfield.

The format for the day was Texas Scramble and the victors with 63 points gross were Tony Cheese, Steve Wild, Mike Gash and Rob Jervis.

The day was kindly sponsored by Burrows of Stafford and Steve Hanlon. Ruffords nearest the pin and longest drive with Rigby Taylor supplying the wine with the meal, many thanks to you all.

Phil Gates

#### East Midland

The final golf event for 2000 was the Christmas Tournament held at

Oakmere Park Golf Club on December 7. On a fine dry day with rain forecast for later there were 32 golfers very keen to Tee-off and play in the dry conditions. The format for the day being a Singles Stb. The Winners were Category 1. 0-14 H/cap - 1. Adi Porter, Greatham Valley; 35pts, 2. Kim Kirkham, Sherwood Forest, 34pts; 3rd. Dave Leatherland, Kedlestone Park, 34pts.

Category 2. 15-28. 1. Chris Weir, Kirby Muxloe, 34pts; 2. David James, Scraftoft, 29pts; 3. Nick Root, The Leicestershire, 26pts.

Trade and Associate, 1. Simon Banks, Banks Amenity Products, 37pts; 2. Les Emery, Regional Administrator, 32pts.

Our thanks go to Oakmere Park for hosting our competition and to Ryan Holden and his staff for presenting an excellent test in golf in such difficult weather conditions. The talking point in the clubhouse was how come the course was so dry. This was the first time our Section had visited Oakmere Park and we were all made to feel most welcome. Thanks also to the steward and stewardess for an excellent Christmas meal. Finally a special Thank You should go to Rigby Taylor for providing the prizes on the day.

Also I would like to thank Russell Latham of Boughton Loam for the

fantastic prize he donated to the raffle. This was a most generous gesture and on behalf of all the members I think you deserve a special Thank You.

On December 12 the Section, courtesy of Les Emery, organised a soil science workshop. I would like to thank all those members for supporting the day, our lecturer Dennis Mottram (who was my lecturer at Reaseheath College), and Gavin Robson who helped in the smooth running of the day. According to the feedback that I received this was an excellent educational day, and, with your support, it is hoped that more workshops can be arranged.

Don't forget the Go-Kart evening on February 21 at the Wymeswold Industrial Estate, anybody interested give me a ring or e-mail me. If you have any news for me which you would like to see published in this article, please pass on the information to me.

Antony Bindley

#### Mid Anglia

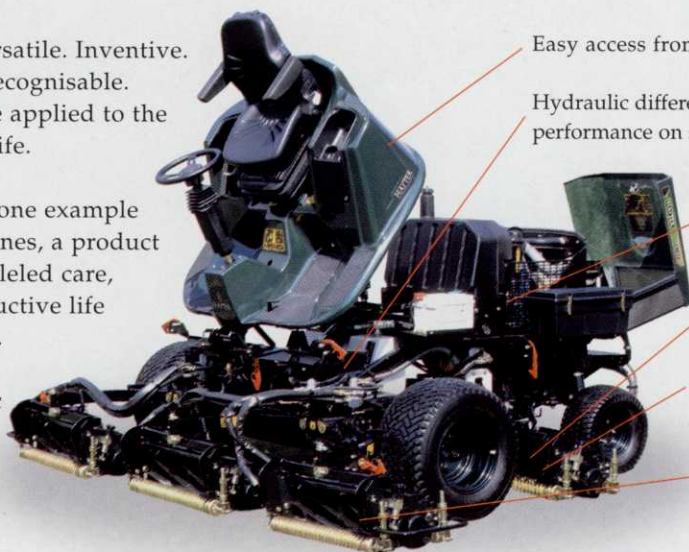
The final of the Lodgeway Four Ball competition was decided over 36 holes (old and new course) at Brocket Hall Golf Club. Alan Grew, Berkhamsted, and Gary Boulton, Dunstable Downs, won 4 and 3 against Steve Mason and Gavin

# is entirely intentional...

Built to last. Compact. Versatile. Inventive. Indispensable. Instantly recognisable. Attributes that can also be applied to the renowned Swiss Army knife.

The Hayter FM524 is just one example of our fine mowing machines, a product of dedication and unparalleled care, ensuring a long and productive life with minimum downtime.

In today's harsh economic conditions, investing in a Hayter is undoubtedly the sharper choice.



Easy access from hinged hood

Hydraulic differential lock for performance on slopes

Power from high output motor running at low speed for longer

Individual motors for each cutting head for maximum efficiency.

Toughened blades for sharpness and resistance to damage

High quality finish from 7 or 11 blade reels

*Precision for productivity*

Call Hayter now on **01279 723444**  
to discover best value mowing



# HAYTER

MAKERS OF THE FINEST MOWERS

Hayter Limited, Spellbrook, Bishop's Stortford, Herts CM23 4BU, England  
Fax 01279 600338 email: sales@hayter.co.uk [www.hayter.co.uk](http://www.hayter.co.uk)



Simkins, both Mount Pleasant.

Our thanks go to Bocket Hall for allowing the final to be played over a course that was in superb condition, by all accounts. Thanks also to Steve for organising the competition so well in difficult circumstances and to Chris Rook, of Lodgeway, for his continued sponsorship of the event. It has been agreed by the committee to change the format next year to a straight Fourball knock out, to overcome the problem of people not completing all their matches in time.

Our final golf event of the year was played at Chesfield Downs GC in early December, over 18 holes, using the usual Texas Scramble format. Entry for this event is always popular and once again we were over-subscribed. The 26 teams that competed enjoyed a fine round of golf over a course in exceptional condition for the time of year.

Our thanks to Eddie O'Hanlon and his team for all their effort and to the club for allowing us use of the course for the day. Some excellent team scores were posted on the day, with nine teams scoring 60 or below. The full results were as follows:

1. R. Perry, N. Robson, D. Houseden, M. Hendry - 55.4 net; 2. N. Pestle, A. Males, G. Shield, S. Alston - 57.6 net; 3. M. Ellis, D. Brown, B. Goodwin, C. Parnell - 57.8 net. Nearest Pin 18. Mark Hendry. Longest Drive. J. Hartley

Dave Hawkins, of Turf Care, kindly donated a television as the prize for an additional Nearest the Pin on the 3rd hole, which was won by Gavin Simkins of Mount Pleasant.

Barry McCloskey, representing Avoncrop Amenity Products, who kindly sponsored the prizes, made the presentations to the day's winners. Thanks also to all the other trade members who have supported us over the last year.

Three other presentations were made: Chris Rook, from Lodgeway, gave prizes to the finalists of the Fourball mentioned above; Gerald Bruce made a presentation to Bob Goodwin who is retiring shortly and who was responsible for setting up the Mid Anglia Section in the late 70s. We all wish you a happy retirement, Bob.

Gary Boulton, of Dunstable Downs, was this year's winner of the "Golfer of the Year" prize. This prize is based on results from the spring, summer and autumn tournaments, plus the Lodgeway Fourball. Our thanks go to Turner Groundcare for donating the prize of a weekend break to the value of £250.

The day was rounded off nicely by Bob Butfoy, Greenkeeper at Mount Pleasant Golf Club. Bob brought his guitar along and gave us a sample of some of the songs he performs in his

spare time.

Finally, Jim Cassidy, of Ashridge Golf Club, has been seconded on to the full Section committee.

Paul Lockett



South West  
and South Wales  
Paula Humphries  
Tel: 01288 352194

#### Devon and Cornwall

The PJ Flegg Christmas meeting was held at Okehampton Golf Club on Wednesday 6th December, after an early course inspection by Head Greenkeeper Richard Wisdom. We were once again able to play the full 18 holes which would have been impossible on many courses after the wettest autumn on record. As last year we used a two-tee start for the greensome format competition for the PJ Flegg Trophy. Our non-golfing members were treated, as usual, to the guided course walk by Richard, both golfing and non-golfing were once again delighted to see the PJ Flegg refreshment tent by the 6th green. Inside, Patrick and his staff treated members to snacks and drinks which set the Christmas atmosphere for the day. After an excellent Christmas Lunch the day

continued with the morning's golf prizes for the PJ Flegg trophy being presented by Des to.

1. R. Parker, Ilfracombe, & T. Clark, Crediton, 41pts; 2. G. Tamblyn, Mullion, & D. Manley, Mullion, 37pts; 3. C. Rawlings, Padbrook Park, & D. Blake, Padbrook Park, 36pts.

A special prize was donated by Lawrence Davis, Deputy Head at Okehampton for the best triers and went to S. Evans and T. Newland.

After the afternoon entertainment our raffles concluded a really excellent day. The first raffle was for the Avoncrop hamper and a place on the Region's BTME Trip.

Congratulations to Steve Evans on winning the hamper and to Nick Moyses on winning the BTME prize. The final raffle of the day consisted of more than 40 prizes donated by members and trade.

The Section would like to thank Okehampton Golf Club and all their staff who made our day so special, with a special mention to Richard Wisdom and his staff who, as always had the course in great shape.

A big thanks to Patrick Flegg and PJ Flegg Ltd for sponsoring the day and providing the wonderful snacks and drinks on the course. Also thanks to our President, Alan Dommett, who supplied the wine at lunch. Also to all of you who donated prizes for the

# Your greens' quality is riding on it.





day. Please note I shall be attending the Canadian Conference and will not be attending the Avoncrop meeting at Thurlstone Golf Club on March 1, so please make sure your entries for this meeting have been returned to me by 19th February.

Dates for your diary; Westurf Trade Show at Westpoint Exeter, Wednesday March 14, Aventus & Supaturf Meeting at Rorresrow Golf Club Wednesday March 28.

Richard Whyman

#### South West

The Millennium Tour had its last competition at Henbury Golf Club and the weather did not stop anybody from enjoying an extended foursome, sponsored by ALS. The winners presented themselves with prizes, as they were the Greens Chairman of Henbury and the Chairman Chris Sealy. A big thank you and applause were given to Mark Lehman and his staff for making the course playable, and to the catering staff for an excellent meal. The raffle followed and staff at Kendleshire would like to thank everyone who donated prizes as they won 90% of them! They all bought tickets in hope of winning the trip to BTME, and they succeeded!

Most of the talk was about Robin Greaves leaving Thornbury Golf

Club. He is entering a new career with E.T Breakwells, and we all wish him well for the future.

I would like to take this opportunity to thank all venues and sponsors of 2000 events. Please do not forget the first competition of the 2001 tour is at Stinchcombe on the 28th of February. This will be a three-man team event Bowmaker. Please send your completed forms back A.S.A.P.

Westurf is fast approaching so please try and visit Westpoint in Exeter on March 14. On the 13th there has been a social event organised for your benefit in a hotel in Exeter, for more details and booking enquiries please contact Paula on her usual number.

Views, news and info. Please do not hesitate to contact me on 01285 720112. A very happy New Year to all the second members.

David Bougen

#### South Wales

The Winter Tournament, AGM and Christmas dinner were held recently at the Pyle & Kenfig GC and the day was thoroughly enjoyed by all those who were in attendance.

Despite the awful recent weather the golf course remained open and in great shape for the time of year. All credit to Ray Hunt, Paul Robinson and the greenstaff team.

A sincere best wishes to Paul from everyone in the Section on his retirement from P & K. Paul has been a greenkeeper at the club, man and boy with too many years under his belt to mention. He will be sorely missed, by all those who had the pleasure of his acquaintance.

Best wishes in retirement also to former Head Greenkeeper at the Langland Bay golf club, Ken Payne from the Section.

Some 36 hardy souls took to the course at P & K and over 50 were treated to a first class traditional Christmas feast by Jan and her catering team.

Our sincere thanks to Steve Anthony and the committee at Pyle who continue to support the Section and allow us back each year to enjoy their warm hospitality!

Results:

Winner of the day and the Vitax Shield from Pennard GC - Peter Lacey. Second place from Morrision GC - Daryl Bray. Third place from Morrision GC Leugh Davies and Fourth place from Pennard GC - Dean Thomas.

A sincere thanks to the sponsors of the day Vitax Ltd and their local distributor Celtic Mowers and to all those who donated prizes for the day.

Congratulations to Golf Team Captain Andy Roach on winning the

best aggregate salver for the year, based on the three seasonal medal rounds. Andy has won this for the third time in succession!

Fixture cards will be with you shortly, you might have even received them by the time you read this! They are being sponsored by "Complete Weed Control" South Wales Ltd - Alan Abel. Thank you Alan for your continued support.

Don't forget Westurf at Westpoint on Wednesday, March 14.

Richard Hatcher

#### South Coast

Christmas is now and well and truly over, and the bright days of spring are only around the corner, I wish!

To start with this month I've a few reminders for you. First of all is the Section Seminar, which is to be held at Sparsholt College on Wed Feb 21., the cost of the day is £15 for members, and £22 for non-members. Cheques can be sent to Fred Deamen at Golf Club Bungalow, Alton G.C., Oldham Rd, Alton, Hants, GU34 4BU. All cheques are to be made payable to BIGGA.

Everyone is requested to be there at 9.30am for a 10am start.

The second is a reminder, and an apology. Westurf is to be held on Wed 14 March, not April 12. Although this is earlier than usual, I have been



For a quality, precision cut, take a ride on one of our quality, precision-engineered machines. Toro's Greensmaster® ride-on greens mowers are renowned for their superb finish, reliability, productivity and ease-of-use. And it's quality that lasts, for they also have a reputation for durability and a high residual value. Now, a new improved Greensmaster® is available - the 3250 with a larger, more powerful engine to give even higher productivity. And if it's a pedestrian mower you require, our classic Greensmaster 1000 greens mower is just one of a superb range guaranteed to build your reputation for quality greens. Simply telephone on 01480 226800 and we'll arrange for a local dealer to contact you.

**TORO**

**BRINGS QUALITY TO  
THE SURFACE**



reliably informed that the luxury of heating is to be provided this year!

Information for the day will be sent out with the magazine, but if you do require extra info, then contact Paula on 01288 352194.

The third is to just jog your memory The Spring Tournament is only a couple of months away, May 3 to be exact. So get your chequebooks out again next month! The cost of the day will be £21, I'll give you Chris Sturgess's address next month.

There are three lucky people who deserve a mention this month.

The first is Sid Cutler who was the lucky winner of a free trip to BTME, this was won at last year's AGM and was provided by the South Coast Section. I should have mentioned this last month, sorry!

The other two, who also win 'Spawn of the Century', are Ed McCabe and Carl Horrax. They're both off to America this month to visit the GCSA International Turfgrass Conference and Trade Show. They're going on a spying mission funded by New Forrest Farm Machinery and John Deere. Their mission, check out new machines on the market from a greenkeepers point of view. I could've done that!

Does anyone have any interesting ideas or topics that could be used for winter lectures, or what are your views on lectures. Any comments can be made to Tony Gadd, he can be contacted on 01425 618807, or see him at the seminar. That's the one at Sparsholt on February 21.

And finally, if you would like anything mentioned in this column, then you can phone me on 07939 860841... Just remember that I go to bed at a sensible hour though.

Mike Cartwright.



**South East**  
Derek Farrington  
Tel: 01903 260956

### Kent

The Section Turkey Trot was held at Darenth Valley GC on December 7. I would like to thank all those that supported and well done to the winners.

A huge thank you to Nigel Stapley and his staff for the condition of the course and Mrs Cross and the clubhouse staff for their hospitality in the clubhouse. We had one of the best Christmas Dinners we could have wished for. Thank You.

I would like to thank all the trade members for their continued support throughout the year and their sponsorship.

I'd like to wish everybody all the best for 2001 and look forward to seeing you at this year's golf events (to be announced).

G Debenham

### East Anglia

A good day was had by all at Thorpeness. 70 people turned up for

the annual turkey bash/AGM. Once again the course was in good nick thanks to Ian and the lads, and his work behind the scenes ensured all ran smoothly throughout the day.

The format was a Texas scramble, and the winners were, R Nicholson A. Lincoln, & I Wright 61.2. Second went to M. Gill, M. Darmant & G. Rayfield, 63.

Nearest the pin on 2nd was M. Day, on the 7th K. Timms, 10th A Lincoln, and 16th, J. Jackson. The sponsors were, Rushbrooks, Scotts, Tomlinson Ground Care Adams respectively. The longest drive was I Wright sponsored by Tacit. The prizes were presented by Robin Ellis, Club Captain and the main Sponsors were C.M.W.

As usual Bob Chesham was making headlines again. Firstly he was within a whisker of a nearest the pin and then he broke his club and he's only got one. Apparently it didn't like being wrapped around a tree.

There was also a young lady playing well, she chipped in on the 13th from 75 yards, I don't know for how many mind, but she did get excited! Stand up Deborah Curtis (I wish I had a camera).

Roger Plumber picked up the Ernie Hart Greenkeeper of the Year award for his tireless recruitment drive on the North Norfolk Coast. Well done mate! The shields for the year were presented to James Wright, S. Pring, Ian Willett summer, Steve Cram - autumn (wasn't he a runner?) winter was missing (wish it was) so no presentation. So please can we have it back whoever you are.

The East Anglians beat Essex man again and our Section is going from strength to strength. You only have to look at how the AGMs and Golf Days are run to see why.

We also have terrific support from our friends in the trade and here they all are. (Take a deep breath) Rushbrooks, Sisis, Aventis, CMW, Nicholsons, Bartram Mowers, Tacit, Ben Burgess, Scotts, Collier Turf Care, Rigby Taylor, Adams, Turf Care, Tomlinson Ground Care, Consultant Clarkson, Atterton & Ellis, Prime Irrigation & Sherrif.

Well that's your lot, except to say we've got all the fixtures for the year somewhere. I know you're at Eaton in August, but I can't remember the rest, one of my rare mistakes. You will be informed. We have got four fixtures for 2002, They are, Thetford, Gorleston, Stowmarket and Ufford Park.

Don't forget. See you in the spring. Mick Lathrope

### Sussex

December 15 was the day which was chosen for George Barr's Annual Wine Festival (sorry, I meant the turkey trot). Held as usual at Littlehampton GC, the format was slightly different this year, being that there was no golf.

This was due to the horrendous weather conditions we have experienced over the winter, which

sometimes literally left us all in the same boat, to coin a phrase.

Still it was not all doom and gloom as we arrived to find the course-closed sign in the middle of the car park. As the resourceful Mr Barr managed to organise a team and individual putting competition and if we had enough time a 12 round quiz hosted by a semi - pro quiz master!

The day was sponsored by Ernest Doe and Avoncrop whom we thank very much for all their support. The results are for the team event, I. Dustin Houghton, Simon Lambert, Robert Short, Richard Elderfield and for the individual round this was won by Ray Day. Well done to you all.

We would like to thank Littlehampton Golf Club for their hospitality.

Also congratulations to Ronan McKeown, Head Greenkeeper at Hayling Island, on his recent marriage to Sue, and also to David Ansell and his staff at the Dyke Golf Club for their recent success in the environment competition, held in conjunction with BIGGA and Amazone UK.

By the time you read this, some of you will have attended BTME at Harrogate, which I am sure will be as excellent as usual, and as for those of you who do not attend you are certainly missing out on a great event.

Well, I hope by the time you read this you are all finally drying out and getting back to some green-keeping.

If anyone is interested in getting in contact with me concerning matters to do with greenkeepers or greenkeeping you can e-mail me on jonboy69@ukonline.co.uk

Jonathan Budd

### Surrey

Christmas, New Year and BTME have all been and gone since I wrote last month's Around The Green and at this time of year it gets harder to find bits and pieces to tell you about. However one or two changes have taken place and I am pleased to report that at Liphook Golf Club, Spencer Hawkins has been promoted to Deputy Head Greenkeeper. At Walton Heath Golf Club, Mick Haynes has been promoted to Head Greenkeeper and at Leatherhead Golf Club, Stuart McMillan is now the General Manager and Peter Goodbun has taken over as Head Greenkeeper.

Congratulations and a successful New Year to them all. Simon Haynes although, now the Head Greenkeeper at Skipton Golf Club somewhere North of the Thames, is still a member of Surrey Section and therefore I am delighted to congratulate him and his wife on the birth of a daughter on Christmas Day.

The golf venues for 2001 include: Farnham, Hindhead, Malden and Sunningdale. And dates will be with

you soon together with an entry form for the Sisis Bowl. Please let us have your support to ensure that the turnout in 2001 is as good as it was in 2000.

Brian Willmott

### London

This is my first Around the Green report so to start I feel it's only right to wish not only all London Section members but all BIGGA members a happy new year. Let's all hope and pray that the weather for once, is "happier" than it was last year.

Our Turkey Trot took place on Thursday, November 30 at my home club, Sandy Lodge. An enjoyable day was had by all despite the fact that we played a reduced course due to the extensive redevelopment that took place here in August. I hope it didn't spoil anyone's day. My thanks to the golf club for giving our members courtesy of the course and for looking after us so well when the golf had finished.

The day was won by guest, and father of mine, Peter Phillips (must be local knowledge!) with 37 points. Winner of the green-keeping prize of a Christmas Turkey kindly donated once again by Rigby Taylor was Aldenham's Bob Smart with 36 points.

Our AGM took place on the same day and we welcome James Lomas, Larry Eden and David Kirk into the bosom of the committee. Remaining as members are myself and Tony Dunstan, with Ian Semple as Secretary and Craig Handyside as Treasurer.

The main focus of the AGM revolved around non - shows and low attendance figures for golf events. An increasing frustration is the fact that many members who confirm they are coming and pay on the day simply do not turn up. It was decided that those who did not send an entry form and their payment before the closing date would be charged an extra £5 if they turned up on the day. This will hopefully encourage members to pay in advance and give not only the organisers a definite idea of numbers but also the hosting club with regard to catering.

A request also from members of the London Section to those Golf Clubs who expect their staff to take a days holiday to attend golf days. Can you please think about allowing members the time to play in these events. Without sufficient numbers these days cannot take place - and they are important!

Stop Press from around the Section takes us to Wyke Green where Ray Wilder has left, Stuart Bedford has been promoted to Deputy Head and Warren Partridge has joined the team.



Good luck to all in the future. Still at Wyke Green congratulations to Course Manager, Tony Dyke and wife Pat, who are celebrating 25 Years of marriage.

Watch this space for news of coming events and remember that this column can only exist with your input. If you have any news from around the Section, however small, give me a call on 01923 835549. If I don't get any news I'll be forced to write about myself and trust me, that would be very boring! Possible dates and venues are being looked into for a London Section seminar and also for summer and autumn golf days. Our spring Meeting will be at Stockley Park in May. Let's look forward to a good turn-out and an enjoyable day in more clement weather. Wishing you all a successful greenkeeping year.

Robert Phillips



### Northern Ireland

The first day of the new year and the snow and frost has disappeared I am glad to report. We had six inches of snow throughout Northern Ireland the previous week with temperatures plunging to minus 16. Parkland courses closed for the entire week and golfers were unable to try out the new clubs and equipment they received at Christmas - all very depressing.

Well, on to the Section news over the last month. We held our AGM at Greenacres GC in Ballyclare on December 6. I would like to thank Stephen Crawford and his wife for giving us the use of a room to hold the meeting and also the excellent buffet they laid on for us. To the 20 members who came along to the meeting many thanks indeed for making the effort.

Section Chairman, Graham Wylie, has decided to stand down after three years of sterling work, two with the South East Section and one with the new N.I Section. Graham's leadership, drive and enthusiasm rubbed off on everyone and as a result the Section has gone from strength to strength. We have now reached 100 members.

The Committee elected for 2001 is as follows: Chairman, Jonathan McCabe; Vice Chairman, Irwin Robinson; Secretary, Allison Sloan; Assistant Secretary, Alan Strachan; Treasurer, P. Baillie; Magazine Liaison Officer, Ken Henderson; Assistant Magazine Liaison Officer, P. Mathieson; Education Officer, E. Curran; Assistant Education Officer, C.

Edgar; Match and Handicap Secretary, E. Crawford; Assistant Match and Handicap Secretary, Terry Crawford.

The Committee will meet in January to formulate the new agenda for spring and summer golf days so members will be informed during January of the arranged dates and venues.

The next educational event has been arranged for March 27 with nine holes of golf at Downpatrick GC with a start time of 1.30pm followed by talks on grass seeds and seed dressings by Liz Wilson, of JA Humpreys. It is also hoped to have an STRI agronomist present to give a talk after Liz.

On December 11 the Section

entered two four man teams at the annual quiz night held by the NI Section of the IOG in Belfast. The two BIGGA teams performed admirably and on the night tied with 55 points each. The IOG A team moved in front early in the competition and accumulated a total of 65 points. Well, better luck next time lads, we will just have to improve our general knowledge. Our main excuse is that the IOG in NI have been competing in this type of quiz for many years, being awarded the national championship in their history.

Many thanks to John McFarland

for inviting us along and providing the excellent buffet on the night.

I would like to welcome two new members this month to the Section. George Fitzpatrick, from Crossgar GC and Roddy McGlading, from Malone GC.

Congratulations also to Warren Burnside, who is moving from Malone to take up the Head Greenkeeper position at Moyola Park. If you have any news that could be included in the Around the Green notes please contact me at Allen Park on 94429001

Ken Henderson

## REGIONAL ADMINISTRATORS AND SECTION SECRETARY CONTACT LIST

### SCOTLAND

REGIONAL ADMINISTRATOR	Peter Boyd	Regional Administrator	Tel/Fax: 0141 616 3440	Email: biggascotland@aol.com
AYRSHIRE	Derek Wilson	Irvine Bogside GC	Club: 01294 276177	Mobile: 0370 734360
CENTRAL	John Crawford	Stirling GC	Club: 01786 464098	Mobile: 07979 988518
EAST	Stephen Dixon	Kings Knowe GC	Club: 0131 443 0235	
NORTH	Douglas Duguid	Westhill GC	Club: 01224 740329	
WEST	Alexander Bulloch	Fereneze GC	Club: 0141 881 1519	

### NORTHERN

REGIONAL ADMINISTRATOR	Douglas Bell	Regional Administrator	Tel/Fax: 0151 431 0433	Email: bigganorth@aol.com
N EAST	Jimmy Richardson	Hexham GC	Club: 01434 602057	Email: jfroudi23@aol.com
N WEST	Bert Cross	(Retired)	Tel/Fax: 0151 724 5412	
NORTHERN	Andy Smith	Howley Hall GC	Club: 01924 478417	Email: andy_smith21@hotmail.com
CLEVELAND	Barry Walker	Wearside GC	Mobile: 0589 658161	
SHEFFIELD	Chris Astle	Wheatley GC	Club: 01302 831655	
N WALES	Trevor Johnston	Eastham Lodge GC	Club: 0151 327 3003	

### MIDLAND

REGIONAL ADMINISTRATOR	Les Emery	Regional Administrator	Tel: 0116 287 9036	
E MIDLAND	Antony Bindley	Kirby Muxloe GC	Tel: 0116 289 0301	Email: antony-bindley@beeb.net
MIDLAND	Philip Gates	Trentham GC	Club: 01782 658109	
E ENGLAND	Graeme MacDonald	Newark GC	Tel: 01636 626564	
BERKS/BUCKS/OX	Lindsay Anderson	Badgemore Park GC	Club: 01491 572206	
MID ANGLIA	Gerald Bruce	Berkhamstead GC	Club: 01442 865832	Mobile: 0374 921606

### SOUTH EAST

REGIONAL ADMINISTRATOR	Derek Farrington	Tel/Fax: 01903 260956	Mobile: 07850 162401	Email: derek.farrington@tesco.net
SURREY	Ian Sellers	Gem Professional	Mobile: 0976 709145	
KENT	Gary Debenham	Boughton GC	Club: 01227 752277	Mobile: 0410 624562
SUSSEX	Stefan Antolik	Cooden Beach GC	Club: 01424 846130	
LONDON	Ian Semple	Old Fold Manor GC	Club: 020 8441 2077	
E ANGLIA	Ian Willett	Thorpeness GC	Club: 01728 452176	
ESSEX	Martin Forrester	Stapleford Abbots GC	Tel: 01245 603131	Mobile: 07773 630323

### SOUTH WEST / SOUTH WALES

REGIONAL ADMINISTRATOR	Paula Humphries	Tel/Fax: 01288 352194	Mobile: 07773 664563	Email: paula.bigga@eclipse.co.uk
S WEST	Kevin James	Weston-Super-Mare GC	Club: 01934 626968	
S COAST	Fred Deamen	Alton GC	Club: 01420 82042	
DEVON C/WALL	Richard Whyman	Bude & N C/Wall GC	Club: 01288 352006	Email: richwhy@cwcom.net
S WALES	Peter Lacey	Pennard GC	Tel: 01792 233923	Mobile: 07971 914121

### NORTHERN IRELAND

N Ireland	Allison Sloan	Ballymena GC	Club: 02825 862757	Email: ajcsloan@aol.com
-----------	---------------	--------------	--------------------	-------------------------



The most cost effective way of reaching readers of Greenkeeper International.

Just call Cheryl Broomhead Diane Bray or Meredith Foster on 01347 833800 and ask about an alphabetical category listing; the cost starts from as little as £29.50 per month.



# WIN A BIGGA SPORTSWATCH

Simply look through all the products and services in our guide and name the companies which the following telephone numbers refer to;

- a. 01425 652087
- b. 01279 813574
- c. 0161 7637060

Write down your three answers on a postcard and send your entries to:-

Know Your Numbers, Greenkeeper International, BIGGA HOUSE, Aldwark, Alne, York YO61 1UF

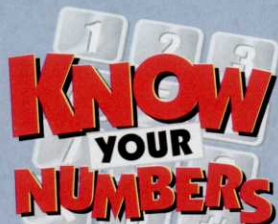
Entries to reach us no later than Wednesday, February 21, 2001. The first correct entry drawn will receive a stylish BIGGA Sportswatch!

The judges decision is final. No correspondence will be entered into.

This competition is not open to BIGGA staff or non-members.

Last month, Mr Desmond Dobbin, from Bushfoot GC, Co Antrim, certainly knew his numbers when he correctly identified all three telephone numbers.

Our congratulations and a fantastic BIGGA sportswatch are on their way to you!



## Aeration

**HYDROJECT AERATION AND CHEMICAL INJECTION SERVICE**  
 (WITH NO SURFACE DISTURBANCE)  
 A full range of expertly operated turfcare services also available

**KEITH DRIVER**  
 (SPORTSTURF CONTRACTOR)

Tel: 01273 564015 Mobile: 0958 532008  
 8 Morecambe Rd, Brighton, Sussex BN1 8TL

## MULTI-CORE

Genuine Parts & Tines  
**MULTICORE TM 1000/TM 1500**  
**MULTICORE GREENKEEPER**

Contact Woodlands Brigstock Ltd Tel: (01536) 373 238	Contact The Double A Trading Co Tel: (01334) 657 602
--	--

**TIME TO TALK**  
[www.bigga.org.uk](http://www.bigga.org.uk)

## Agromony

**B Jamieson Golf Advisors Ltd**

Bruce Jamieson Golf Advisors Ltd, is an established company offering expert advice on;

- Golf Course maintenance
- Tournament preparation & presentation
- Machinery selection
- Budgeting
- Staff recruitment
- Soil & turf analysis
- Establishment of new golf courses

Contact: **Bruce Jamieson**  
 Browntop, 17 Haywarden Place, Hartley Wintney, Hants, RG27 8UA Telephone: 01252 844847 www.bigjgolf.co.uk

**KEITH MCKEE ASSOCIATES**  
 INTERNATIONAL TURFGRASS CONSULTANT AGRONOMISTS

Over 30 years of experience in advising golf courses throughout Europe and beyond.

- Completely independent advisory service.
- 24 hour advice line.
- Full analytical service
- Problem solving (large or small)
- Advice on Golf Course maintenance
- New course establishment

78 The Street, Manuden, Bishop's Stortford, Hertfordshire CM23 1DS  
 Tel: (+44)(0) 1279 813574  
 Fax: (+44)(0) 1279 815191  
 Mobile: 077 11 554282  
 Email: keith.mckee@virgin.net

**TIME TO TALK**  
[www.bigga.org.uk](http://www.bigga.org.uk)

## Amenity Spraying

*If your weeds look bad, and it don't look good, who you gonna call...*

**WEEDBUSTERS**  
 SPECIALIST WEED CONTROL CONTRACTORS  
 TEL/FAX: 01752 336060  
 MOBILE: 07970 894616  
[WWW.WEEDBUSTERS.CO.UK](http://WWW.WEEDBUSTERS.CO.UK)

**WEED FREE**  
 • Advice • Application • Supply • Training

DRIFT FREE Contract Spraying utilising our purpose built machine

The **SPRAYING MANTIS**  
 Freephone: 0800 068 08 78  
 Fax: 07000 481022  
 Car: 0850 300104

Unit 14, Roundhead Drive, Warfield, Berkshire RG42 3RZ  
 WEED FREE is a Registered Trade Mark

## Artificial Grass

**VERDE SPORTS LIMITED**  
 Tel: 01254 831666 Fax: 01254 831066

- VERDE TEE FRAME  
Steel platform, woven grass top
- VERDE WINTER TEE  
Generous size, self-install kit
- VERDE DRIVING MATS  
Top Quality - Long Life - Best Prices
- ARTIFICIAL GRASSES  
Comprehensive range for pathways, winter tees and putting
- DRIVING BAYS & NETS  
For club and home use

Gabbotts Farm Barn, Bury Lane, Withnell, Chorley, Lancashire PR6 8SW  
[www.verdesports.com](http://www.verdesports.com) email: niki@verdesports.com

Please call for samples & information

## Bio-Technology

Our 10<sup>th</sup> year supplying biotech solutions

Thinking about a biological programme?

**First ask a biologist**

Contact Louisa Farthing BSc or Stella Inglethorpe BSc  
**Tel: 01372 456101**  
 Email: fineturf@symbio.co.uk

## Bunker Rakes

**MEMBERS BUNKER RAKES FROM ONLY £2.54 EACH**

Strong construction complete with replaceable threaded handle

12 for £2.99 each	<b>HEAD GREENKEEPER/CHAIRMAN OF GREEN? Send for a FREE SAMPLE</b>
50 for £2.69 each	
100 for £2.54 each	

Prices are for complete rakes, delivered free. Rake support pegs - 70p each.

Made in the UK by **MW Dyason Ltd**,  
 6/10 Hitchmead Road, Biggleswade, SG18 0NH  
 Tel: 01767 317011 Fax: 01767 317186

## Charcoal

ENGLISH ECOLOGICAL ENTERPRISES

**GRADED CHARCOAL FINES FOR TOP DRESSINGS AND DRAINAGE**

Now available: Bulk or bagged: Nationwide delivery

**HIT BLACK LAYER**  
 WITH THE **BLACK STUFF**

SEE ARTICLE IN AUG 2000 GREENKEEPER INTERNATIONAL  
 'THE TRADITIONAL ROOTZONE IMPROVER'

FOR DETAILS AND A QUOTATION CALL  
**0208 8719864**

COMPANY LIMITED

## Construction

**Artington GOLF LTD**  
**Specialist Golf Course Constructors**

**Tel: (023) 9259 2390**  
**Fax: (023) 9257 0218**  
**Mobile: 07710 450454**  
[www.artington-golf.co.uk](http://www.artington-golf.co.uk)  
 Email: ted.awcock@artington-golf.co.uk

**CONTOUR GOLF LIMITED**

Construction of new golf development and upgrading of existing courses

**Tel: 01327 879466**  
**Fax: 01327 705777**

1 Jubilee Cottages, Norton Rd, Daventry, Northants NN11 5LS  
 Irish Office no. 064 39965

**Delta Golf 2000 Limited**

- Construction
- Remodelling
- Reservoir Works

**Tel: 01604 468908**  
**Fax: 01604 474853**  
[www.deltagolf2000.co.uk](http://www.deltagolf2000.co.uk)  
 180 Ruskin Road, Kingsthorpe, Northampton NN2 7TA

**J & E ELY**  
 GOLF COURSE CONSTRUCTION

Reading, Berks  
 Tel/Fax: 0118 9722257  
 E-mail: ely@btinternet.com

40<sup>th</sup> Anniversary 1961 - 2001

[www.elygolfconstruction.com](http://www.elygolfconstruction.com)

**John Greasley** Specialists in Golf Course Construction

**JOHN GREASLEY LIMITED**  
 "Ashfield House" • 1154 Melton Road Syston • Leicester • LE7 2HB

Tel: 0116 269 6766  
 Mobile: 0836 553899  
 Fax: 0116 269 6866

## Course Equipment

**FAIRWAY**  
 Quality Course Equipment

Flags 98p	Hole Cups £3.90
Signs £4.90	Tee Markers £2.50
Glassfibre Flag Pins £4.90 etc etc	

PHONE OR FAX  
**0161 763 7060**  
 TRADE ENQUIRIES WELCOME



**PAR AIDE** *Wherever Golf Is Played*  
Par Aide UK

- 1 Golf Course & Driving Range Equipment
- 2 Range Balls 1 pce & 2 pce
- 3 Driving Range & Winter Tee Mats
- 4 Artificial Surfaces
- 5 Installers of Perimeter Netting

20A Beeching Park, Wainwright Rd, Bexhill on Sea, East Sussex TN39 3UR  
Tel: 01424 819008 Fax: 01424 819007

**Drainage**

**Duncan Ross**  
*Land Drainage Limited*

**SPORTSTURF DRAINAGE SPECIALISTS**

- ★ Latest Sportsturf trenching machine
- ★ Verti Draining
- ★ Sand Slitting
- ★ Overseeding
- ★ Gravel Banding
- ★ Top dressing

Design, installation and maintenance service  
Tel: 01257 255321 Fax: 01257 255327  
Appley Bridge, Wigan, Lancs

**M J ABBOTT LIMITED**

Specialists in land drainage, golf course construction and maintenance

**M J ABBOTT LIMITED**  
Bratch Lane, Dinton, Salisbury, Wiltshire SP3 5EB  
Tel: 01722 716361 • Fax: 01722 716828

**Keep your greens OPEN ALL YEAR!**

Revolutionary new reconstruction of greens  
Fraction of the cost of traditional drainage  
Recent contracts include: Market Drayton, Trentham, Chase and Sandfield Golf & Driving Range

DESIGN - INSTALLATION - SERVICE  
**NORTH STAFFS IRRIGATION**  
Consulting Watering Specialists  
E Mail: NorthStaffs.Irrig@btinternet.com  
**01785 812706**

**Drainage.**  
**Sand Slitting.**  
**Vertidrainage.**

*Established 42 years*

ONGAR, ESSEX  
01277 890274

**PEARL**

**SLEATH & SON SPORTSTURF DRAINAGE**

Full range of modern equipment providing UK and European service

Contact Geoff Sleath  
Tel/Fax: 01709 862075  
Mobile: 0976 751742

**Turfdry**

**Golf Course Drainage Specialist**

For fast and friendly UK service call:

Melvyn Taylor  
on 01283 551417  
or 0836 259133

**White Horse Contractors Limited**

SPECIALIST SPORTS TURF CONTRACTORS

- DRAINAGE
- CONSTRUCTION
- RENOVATION
- LAKES & RESERVOIRS
- DESIGN & BUILD
- CONSULTANCY

Tel: 01865 736 272  
Fax: 01865 326 176  
www.whitehorsecontractors.co.uk  
Lodge Hill, Abingdon, Oxon OX14 2JD

**SPEEDCUT CONTRACTORS**

SPORTSTURF  
Construction Drainage  
Sandslitting Renovation

KEVIN SMITH  
Oxford 01865 331479

**Driving Range**

**RANGE SERVANT**

- BALL DISPENSERS • BALL WASHERS
- COLLECTORS • ELEVATORS •
- BLOWER SYSTEMS • MATS •
- BALL MANAGEMENT SYSTEMS •

20a Beeching Park, Wainwright Rd, Bexhill on Sea, East Sussex TN39 3UR  
Tel: 01424 819008 Fax: 01424 819007

**TIME TO TALK**  
www.bigga.org.uk

**Golf Mats**

**LINKS ALL-WEATHER GOLF MATS**

Constructed using a robust and durable glass reinforced cement base and three individually replaceable turf sections - which have 13mm rubber shock pad backings - the PRO-TEE all-weather golf mats are ideal for both course and practice ground use

Call now for

- Pro Tee
- mats
- bays
- nets
- signs
- markers
- stones
- bins
- planters
- layouts
- planners

LINKS  
Civic Industrial Park  
Whitchurch,  
Shropshire  
SY13 1TT  
Tel: 01948 663002  
Fax: 01948 663082  
www.golflinks.co.uk

Exclusive Leisure Ltd,  
28 Cannon Street, Leicester, LE4 9HR  
Tel: 0116 233 2255  
Fax: 0116 246 1561

**'TIGER T GOLF MATS'**

Quality mats for winter tees, practice areas and driving ranges. Any size up to 3m x 3m.

**Irrigation**

**AutoFlow Systems**

CALL NOW FOR ALL YOUR WATER REQUIREMENTS ON

SPORTS GROUNDS, GOLF COURSES, BOWLING GREENS, COMMERCIAL LANDSCAPING, PRIVATE GARDENS

TEL: 01603 759701 FAX: 01603 758200

AUTO HOUSE, ASHTRIE WORKS, MILL ROAD, BARNHAM BROOM, NORFOLK NR9 4DE  
YOUR COMPLETE INDEPENDANT IRRIGATION SPECIALIST

**BRITISH OVERHEAD IRRIGATION LTD**  
Upper Halliford Green, Shepperton, Middlesex TW17 8SB

Tel: 01932 788301  
Fax: 01932 780437

Independent contractors for irrigation systems, updates and complete projects

**BEST BUY B.O.I.L.**

Also manufacturers of Irrigation Equipment - Experience - Expertise - Care - Service since 1923. Founder Member of B.T.L.I.A.

**British Turf & Landscape Irrigation Association**

"Quality by Association"

Our aim is to ensure you have the best possible irrigation system so we constantly monitor, maintain and raise the standards of our members.

For a full list of members contact David Halford  
Tel/Fax: 07041 363130

**Cameron IRRIGATION**

Suppliers of Irrigation Equipment to Golf Courses Bowling Greens, Landscapes, Horticulture. Manufacturers of Irrigation Equipment Existing systems renovated and upgraded

DESIGN • INSTALLATION • SERVICE

Telephone: +44 (0) 1425 474614  
Fax: +44 (0) 1425 471296  
http://www.misc.irrig.co.uk  
e mail: enquiries@misc.irrig.co.uk

Evenproducts  
*Water for Life*

**IRRIGATION by HUNTER**

from  
**EVENPRODUCTS LTD**  
Tel: 01386 41212 Fax: 01386 423769  
for Information and Advice

**Global Watering**

**Diagnostic and Technical Irrigation Services**

- ▶ Controllers ◀
- ▶ Course Wiring ◀
- ▶ Pump Stations ◀
- ▶ Pipework ◀

Troubleshooting Our Speciality  
Tel/Fax: 01749 344374  
Mobile: 0787 051588

**Irrigation Technical Services**

Design • Supply • Installation • Service  
Pumps & tanks supplied  
Moleplough & trencher hire  
All leading manufacturers equipment serviced

**TORO**  
IRRIGATION PRODUCTS  
AREA DEALER

Tel: 01202 87.42.16 Mobile: 0831 24.22.05

**M J ABBOTT LIMITED**  
Design, supply and installation of  
**RAIN BIRD**  
Irrigation Systems  
Tel: 01722 716361

**Irrigation Systems**

For Golf Courses Sports Grounds Bowling Greens etc

- Cost effective solutions to your irrigation problems
- Independent professional advice

DESIGN - INSTALLATION - SERVICE  
**NORTH STAFFS IRRIGATION**  
Consulting Watering Specialists  
**01785 812706**

**OCMIS IRRIGATION**

Design, Manufacture, Supply, Installation & Service.

Ocmis specialise in Irrigation Systems for Golf Courses, Sportsgrounds, Recreational, Amenity & Landscape Areas.

For further information contact:

HEAD OFFICE 01460 241939  
SCOTTISH OFFICE 0131 2202102

**Independent Professional Irrigation**  
Golf Courses, Bowling Greens, Sports, Racecourses, Gardens +++

Design/Advice Servicing  
New Installations Service Contracts  
Contracting System Upgrades  
Supply & Sales PC Systems

Telephone  
01765 602175  
01765 690598  
Fax 01765 603488  
Email: info@par4.co.uk  
www.par4int-uk.net.com

**TORO**  
Area Dealer

**B T L I A**



**TORO**

IRRIGATION PRODUCTS

Design. Supply.  
Installation.  
Service.

Established 42 years

ONGAR, ESSEX  
01277 890274

**PEARL**

OAKDALE

**T&G IRRIGATION**

Golf Course and Sports Turf Irrigation:

Design - Installation - Maintenance • Annual Service Contracts • New Installations - System Upgrades - Fully automated PC systems Independent Installers of Hunter - Logic - Toro Irrigation Equipment

For advice and a free quotation, contact our Doncaster offices:

Tel: 01427 874200 Mobile: 07860 542616  
Fax: 01427 875333

http://www.nakdale.co.uk e-mail: enquiries@oakdale.co.uk

**WARDLE**

Consulting Engineers Ltd

INDEPENDENT IRRIGATION CONSULTANTS & PROJECT MANAGERS

Head Office: Tel/Fax: 01283 711864  
Scottish Office: 01259 742447  
E-mail: info@wardleconsulting.com  
www.wardleconsulting.com

**Waterside Irrigation Services**

One of the most professional Design, Supply and installation services in the North.

Trained in Golf Course management, with real knowledge of irrigation and Golf Course needs. Effortless irrigation with minimum inconvenience.

Call now on: 01405 814889  
Mobile: 07967 504313

You'll be amazed where we pop up!

**York & Martin**

GOLF IRRIGATION CONSULTANTS

Speak to Europe's most experienced, independent consultants for objective, unbiased advice, before deciding

YORK & MARTIN  
PO BOX 1192 FORDINGBRIDGE  
HANTS, SP6 1YD, U.K.

Tel. 01425 652087 Fax. 01425 652476

**TIME TO TALK**  
www.bigga.org.uk

**Lake Construction/Liners****AQUALINE****Liner Specialists**

- Ponds • Lakes • Reservoirs
- Water features

Free survey and advisory service available. For further assistance contact Richard Thomas

Tel 01291-625186 Fax 01291-625185

**LINERS**

Liners for lakes, ponds and storage lagoons from the UK's leading contractor

Comprehensive advice regarding design and construction of water areas

Tel: 01206 262676 Fax: 01206 262998

E-mail: sales@geosynthetic.co.uk

www.geosynthetic.co.uk

**WATERPROOFING SERVICES****POND & LAKE LINING SPECIALISTS**

CONTACT US ON

**TEL: 01249 655539**  
**FAX: 01525 261103**

EMAIL: info@waterproofingservices.com

**TIME TO TALK**  
www.bigga.org.uk

**Line Marking****LINE MARKING APPLICATORS AND AEROSOLS**

Blue Diamond STL, Clayfields Industrial Estate,  
Tickhill Road, Doncaster, South Yorkshire, DN4 8QG  
**Freephone: 0800 5424 004**

**SportsCourts**

UK Limited

Suppliers of all line marking materials:-

- Ready to use line marking paint
- Transfer wheel applicators
- 750ml Aerosols with a selection of colours
- Aerosol Applicators
- Prices on request

**Tel: 01327 340333**

**Fax: 01327 341053**

Email: info@sportscourts.co.uk

**Machinery****GRASS MACHINERY**

Large selection of new and second hand Turf Maintenance Machinery in stock.

FREE DELIVERY IN UK.  
Warranty given. Also interested in purchasing surplus machines.

**Tel/Fax: 01829 720280**  
**Mobile: 0378 063418**

**Nursery Stock****Mahood Brothers Limited**

WHOLESALE NURSERYMEN

Looking for Nursery Stock...? LOOK NO FURTHER

- Trees, feathereds, shrubs, gorse, transplants, conifers, heathers, etc.
- Professional advice and guidance
- Instant quotations by fax or phone
- Free 58-page catalogue available on request
- Nursery inspection welcome
- Weekly nationwide delivery service

Top quality reliable service at the right price!

**TEL: 01704 895014**

**FAX: 01704 895557**

E-mail: sales@mahoods.co.uk Website: www.mahoods.co.uk

**pH Control****US STRANCO**

pH control and dosing systems for your irrigation water, for improved turf quality. Nationwide installation and commissioning service and advice. Contact Brian Sykes

**USF STRANCO**

Priory Works, Tonbridge, Kent TN11 0QL  
Telephone: 01732 354888 Fax: 01732 354222

**Railway Sleepers****LANDSCAPING GRADE SLEEPERS**

SELECTED HARDWOOD  
**BEST** QUALITY PRICES

ALSO  
COCKLESHELL PATH MEDIA

BULK LOADS - DISCOUNTED PRICES  
**FINETURF PRODUCTS**

Tel: 01375 361606

**RAILWAY SLEEPERS**

TEL: 01302 888676 FAX: 01302 880547

• WE WILL BEAT ANY GENUINE QUOTE



• DELIVERY ANY AREA • NO MINIMUM ORDER

www.sleeper-supplies.co.uk

Crossing Timbers, 4" x 4" Posts and Telegraph Poles

**RAILWAY SLEEPERS**

- WOODEN AND CONCRETE SLEEPERS
- BEST PRICES ON ALL GRADES AND SIZES
- CROSSING TIMBERS, TELEGRAPH POLES
- NEW AND SECONDHAND
- A QUALITY ASSURED COMPANY
- NATIONWIDE DELIVERY

**THOUSANDS IN STOCK**

**Tel: 01302 365222**

**Fax: 01302 341691**

**TRACKWORK LTD**

www.trackwork.co.uk & www.railwaysleepers.co.uk  
Email: sales@trackwork.co.uk

**Root Zone****BANKS AMENITY PRODUCTS LTD**

SUPPLIERS OF  
**FENDRESS™ ROOTZONE TO USGA**  
**ECONOMY ROOTZONE**  
**DIVOT MIXES**

FOR A COMPETITIVE QUOTATION CALL  
**01858 464346 / 433003**

Great sport is built on

**Topsport**

National suppliers of sports surface materials:

- Sand • Rootzones • Pathway Materials
- Loksand • Drainage Aggregates

For further details telephone

**01298 213740**

**Tarmac****TOPDRESSING SANDS**

**TREE SAND • ROOTZONES**  
**DRAINAGE & SUB-BASE MATERIALS**

Freephone Sam on

**0800 7317450**

Alan Hadley Limited  
Fenton House, 102 Grazeley Road, Three Mile Cross, Berks RG7 1BJ

**TIME TO TALK**  
www.bigga.org.uk

**Sports Netting****TILDENET**

THE PROFESSIONAL'S CHOICE

- TARGET GREENS
- ANTI-BALL PLUGGING NETS
- PADDED & NET BAY DIVIDERS
- BUNKER MEMBRANE
- PERIMETER FENCING
- BALL-STOP NET
- ANTI-DAZZLE NETTING
- **PRONET** TEACHING GOLF NET & FRAME
- **GROW SHEET** GRASS GERMINATION

For further information please contact

**+44 (0)117 966 9684**

**Top Dressings****BANKS AMENITY PRODUCTS LTD**

EXCLUSIVE MANUFACTURERS OF  
**FENDRESS™ GREENTOP™ & FENDRESS™ TOP DRESSINGS**  
SUPERIOR, CONSISTENT TOP DRESSINGS AT  
**AFFORDABLE PRICES**

**TEL: 01858 464346 / 433003**

**SOIL TECHNOLOGY RUFFORD**

BRITAIN'S NO 1 FOR  
QUALITY AND SERVICE  
TOP DRESSING • CONSTRUCTION  
ROOT ZONES

SANDS • GRAVELS • GRASS SEED  
SOIL • PATHWAY MATERIALS

Eaton Hall Quarry, Manchester Rd,  
Congleton, Cheshire CW12 2LU

**Tel: 01260 281801**



## Trees

### FAST-GROWING TREES

Growth of 6-8 feet per year

For rapid improvement to new and developing Golf Courses

Hybrid Poplars used for specimen and group plantings to make handsome trees and perimeter windbreaks.  
Hybrid Willows used for screens, hedges, wind-breaks, and dense cover on course.

Both are tolerant of poor soils and sites and require little post-planting care.  
All sizes available from 12 inch slips to 8 foot well-rooted trees.

Prices including delivery from £42 per 100, or £380 per 1000

Free information pack and advice without obligation Phone Gordon Hill on 01404 812229 or Fax on 01404 815800  
Bowhayes Farm, Venn Ottery, Devon, EX11 1RX  
or visit [www.bowhayesfarm.co.uk](http://www.bowhayesfarm.co.uk)



## BIG TREES

Vast range of semi-mature and heavy standard trees available from our nurseries. Nationwide planting service if required.

## TREE MOVING

Move your own trees at a fraction of the cost with our fleet of modern tree spades.

Nature First Ltd.  
Wood Lane Nursery  
Down Hatherley  
Gloucester  
GL2 9QB  
Tel: 01452 731199  
Fax: 01452 731131  
Email [trees@treefinder.uk.com](mailto:trees@treefinder.uk.com)

GROWERS OF TREES

THE TREE CARRIAGE COMPANY

Court Gate Nursery, Eckington, Pershore, Worcs WR10 3BB  
Tel: 01386 750585 Fax: 01386 750197

## Turf

# INTURF

Turf Growers and Innovators  
of Turfgrass Systems

The Chestnuts • Wilberfoss  
York • YO41 5NT

Telephone: 01759 321000  
Facsimile: 01759 380130  
e-mail: [info@inturf.co.uk](mailto:info@inturf.co.uk)  
website: [www.inturf.com](http://www.inturf.com)



## NORTH WEST TURF

QUALITY SEEDED TURF GROWERS

- Greens Turf
- Tees Turf
- Revetting Turf
- Next day nationwide delivery

*All grown on beautiful sandy soil and TGA approved turf*

**TEL: 01695 422144**

## TT ProTurf

GROWERS AND SUPPLIERS OF QUALITY CULTIVATED TEES, GREENS AND AMENITY TURF COUNTRYWIDE

TEL: 01427 890797

FAX: 01427 891785

Email: [info@proturf.co.uk](mailto:info@proturf.co.uk)

### TT ProTurf Ltd

NORTH CARR FARM, WEST STOCKWITH, NR DONCASTER, SOUTH YORKSHIRE DN10 4BD

## Turf Dressings

### BAILEY'S OF NORFOLK

☆ GOLF TURF DRESSINGS ☆ SAND ☆

☆ SCREENED TOP SOIL ☆ FEN SOIL

Deliveries Nationwide

### BAILEY'S OF NORFOLK

Tel: 01603 754607

## BOURNE AMENITY

Manufacturers of quality dressings, including green organic, fensol & loams, for fairways, greens & tees, in loads of all sizes

*Serving the South of England.*

Tel: (01797) 252298 Fax: (01797) 253115

## Vertidrain Hire

### NATIONWIDE VERTIDRAIN HIRE

SELF OPERATED OR WITH OPERATOR

**TRACTOR WITH 1.6m  
£500 PER WEEK**

**TRACTOR WITH 2m  
£700 PER WEEK**

**TEL: 01522 869100**

**[www.countygrass.co.uk](http://www.countygrass.co.uk)**

## PETER MANNINGTON



Specialist Verti-Drain Contractor for the South  
For greens, tees, fairways and sportsgrounds  
Experienced operator, competitive prices and reliable service

Tel/Fax Peter on 01580 861211  
or Mobile 0850 612061

1 White Horse Cottages, Silverhill, Hurst Green, Etchingham, East Sussex TN19 7QA



## WORTH DRAINING

VERTIDRAINING and HOLLOW CORING HIRE

Distance no object

Contact **Peter Bloodworth**  
Cornbecks Farm, Irnham, Grantham,  
Lincolnshire. Tel/Fax: 01476 550266

or **Paul Simpson**, Manager  
Tel: 01476 585 549 Mobile: 0797 450 4793

## CONTACT THE PROFESSIONALS

FREEPHONE 0500 432 120

OR 0780 125 6767

DAY OR NIGHT

FOR ALL TYPES OF AERATION, CULTIVATION AND SEEDING, CONTACT MICHAEL SEWARD AT **SEWARD TURF MAINTENANCE YORK**

# HAVE YOU CLICKED ON YET?

## CHECK OUT THE LATEST MESSAGES ON OUR BULLETIN BOARD TODAY!



## Classified

### Job Shop

Experienced Head Greenkeeper/Manager looking for a challenging new position.

BSc (Hons) Golf Course Management  
Qualified with BTLIA and Spraying Certificates. Supervised at Valderrama GC Spain, plus tournament and local pay/play courses in UK. Conversant with all modern technology and procedures, also computer literate.

An exciting opportunity for both parties beckons.

Prefer South Coast but all locations considered.

**JS/120/01**

35 year old very motivated & positive course manager, Head Greenkeeper, 16 years experience in all aspects of Turf Management Inc, Construction, Growing and of Maintenance Established Parkland & Links courses, excellent skills in staff management & training.

Qualifications including HNC & HND in Golf Course Management, excellent leader, team worker, who would require a definite hands on position.

Presently also involved in part-time lecturing of Greenkeeping students at an established college seeking a move to Yorkshire area.

**JS/121/01**

OAKLEY'S GROUND CARE		
Ex Demo	Kubota L4200 CW Cab & P.U.H	£14,750
Ex Demo	Shibaura ST324 24HP HST 4WD	£7,995
Ex Demo	Shibaura GT161 16HP Diesel Cw 48" Deck	£5,995
Ex Demo	Shibaura CM354 35HP	£8,995
Ex Demo	Allett 34" Buffalo	£2,495
Ex Demo	Toro GM1000 with Groomers	£3,995
Ex Demo	Arbor Eater Vacuum CW Hose	£695
Ex Demo	Port agric. Scimitar deck (Various)	£2,150
Ex Demo	Charterhouse Verti Drain 7212	£8,750
Ex Demo	Charterhouse 1.5m Overseeder	EPOA
Ex Demo	Ausa Ride on Brushcutter	£4,150
Ex Demo	Port Agric Roller/mower	£2,199
Ex Demo	Port Agric 8ft Topper	£1,650
Ex Demo	Arbor Eater Attack 6 Woodchipper Full Spec	£8,950
Ex Demo	Hayter Condor	EPOA
Ex Demo	GR3250 Greensmower	EPOA
Ex Demo	Big Barrow Top Dresser	£450
Ex Demo	Jensen AS28 35HP Chipper	EPOA
Used	Blec Stone Burier	£1,750
Used	Huxley Turf Slicer	£350
Used	Ransomes Hyd 5 MTD Gangs	£2,500
Used	Ransomes Trailed Gangs Set 3	£1,750
Used	McConnel 1.5m Merlin Flail (like new)	£2,250
Used	Huxley Top Dresser (Suit Cushman)	£950
Used	Allett 36" Regal C/W Seat	£3,650
Used	Ransomes Trailed Gangs Set 5	£450
Used	Hayter Twenty One Mower	£75
Used	Toro 300 Greensmower	EPOA
Used	Robeine 900 '96' 4wd	£5,995
Used	Rosusau 1600 GLX Flail Hydraulic	£3,250

For further details of any of these products contact:

**Oakleys on 01743 235511**

**Gary Edwards on 07802 650164**

## FOR SALE

Second hand equipment  
150 assorted irrigation sprinklers.  
Also valve assemblies, boxes and other items.

Please telephone offers on:

**01205 364847**

# 4 PAGES OF JOBS START HERE



31 January 2001

Dear Mr. Hardy,

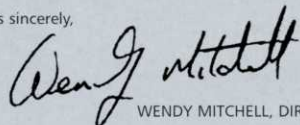
I thought it appropriate to send a short note of thanks to you, and your staff, for the help we received in producing our advert for the January issue of Greenkeeper International. The response has been fantastic!

The quality of the candidates has been exceptional and selection and shortlisting is proving to be difficult as we have received over 200 to date; with a steady flow still arriving.

Could you, perhaps, inform the applicants, through the February issue, that we will respond to everyone in due course. However, we would ask that applicants be a little patient with us. We will be appointing some 4 or 5 staff following interviews that will take place over the next 8 weeks.

Yours sincerely,



  
WENDY MITCHELL, DIRECTOR

## DUDDINSTON GOLF CLUB LIMITED

Invites applications for the position of

### COURSE MANAGER

This is a new appointment and offers an exciting and challenging position for the successful candidate, who will be able to demonstrate:

Leading edge skills in all aspects of modern greenkeeping including woodland, wetlands and estate management.

Sound budgetary and forward planning skills.

Man management skills in leading, motivating and developing staff in all aspects of work targets and deliverables.

Reporting to the General Manager, the position requires a person who is self-motivated, demonstrates sound interpersonal and communications skills, and the ability to deliver positive results against stretching targets.

Salary negotiable.

Applications in writing including a full CV to:

**The General Manager, Duddingston Golf Club Limited,  
Duddingston Road West, Edinburgh EH15 3QD**

*A comprehensive job description is available on application.*

*Closing date for application - 16 March 2001*

## WATERLOOVILLE GOLF CLUB

require a

### HEAD GREENKEEPER

Applications are invited from persons of proven ability with the appropriate qualifications and experience, enthusiasm, plus the management and supervisory skills to lead and motivate the greenkeeping team, organise the work programme, and maintain Health & Safety & COSHH standards.

A knowledge of maintenance of course machinery and irrigation systems would be an advantage.

A detached bungalow is available and salary and conditions will be negotiable.

Applications in writing please, with CV and current salary to:

**Mr D Nairne, Secretary, Waterlooville Golf Club, Cherry Tree Avenue, Cowplain, PO8 8AP**

*The closing date for applications is February 28, 2001*

## ASHRIDGE GOLF CLUB

### ASSISTANT GREENKEEPER

Ashridge Golf Club is a prestigious 18-hole private members club, situated within an area of outstanding natural beauty in the Chilterns.

A well-qualified individual is required to join the existing staff of six to maintain our course to the highest standards.

Salary and benefits are negotiable and will include single accommodation.

The appointment will commence in March 2001.

Please forward written applications, together with your C.V. to

**Jim Cassidy, Course Manager, Ashridge Golf Club,  
Little Gaddesden, Berkhamsted, Herts HP4 1LY**



## SAFFRON WALDEN GOLF CLUB

Requires a

### MECHANIC

Applications are invited from mechanics with at least seven plus year's Experience able to repair and maintain modern machinery to a high standard.

Also requires a

### GREENKEEPER

Experience not essential as training will be given.

Salary negotiable for both positions depending upon experience and qualifications.

**Please telephone Mr Tom Goddard (01799 526796)  
for further information.**

## FULFORD HEATH GOLF CLUB

18 HOLE PARKLAND COURSE

REQUIRES A

### FIRST ASSISTANT GREENKEEPER

APPLICANTS SHOULD HAVE AT LEAST 5 YEARS EXPERIENCE IN ALL ASPECTS OF GREENKEEPING, AND A THOROUGH KNOWLEDGE OF MODERN MACHINERY AND WORK PRACTICES.

FORMAL QUALIFICATION AN ADVANTAGE, BUT EXPERIENCE WILL BE CONSIDERED.

THE SUCCESSFUL APPLICANT WILL BE REQUIRED TO TAKE OVERALL DUTIES OF MAINTAINING THE COURSE AND ITS MAINTENANCE IN THE COURSE MANAGER'S ABSENCE.

RENUMERATION PACKAGE BY NEGOTIATION ACCORDING TO EXPERIENCE.

WRITTEN APPLICATIONS WITH FULL C.V. BY 28 FEBRUARY 2001 TO:

**THE SECRETARY, FULFORD HEATH GOLF CLUB,  
TANNERS GREEN LANE, WYTHALL, NR BIRMINGHAM B47 6BH.**





## THE MILNGAVIE GOLF CLUB HEAD GREENKEEPER (DESIGNATE)

Milngavie is predominantly a moorland course about 8 miles north west of Glasgow, measuring 5818 yards and is a par 68. Established in 1895 with the guidance of the Auchterlonie brothers it has around 700 members.

As our present Head Greenkeeper approaches retirement we wish to appoint his successor in good time to carry through the major improvement programme currently under way on the course. The Club is well supported with a range of modern equipment and machinery and a fully automatic irrigation system has recently been installed.

The successful candidate will need to display ability, enthusiasm and experience with qualifications to at least SQA Level 3 or equivalent. Good motivation and man management skills will be a priority along with a hands on approach. The post should offer the opportunity for continuous professional development. A package of salary and benefits is negotiable and a house may be available in due course if required.

Applications in writing with full C.V. and giving present salary level should be made to:

**Secretary and Treasurer, The Milngavie Golf Club,  
Laighpark, Glasgow G62 8EP**



## THE LUFFENHAM HEATH GOLF CLUB

Requires a

### FIRST ASSISTANT GREENKEEPER

To commence 1st March 2001 or as soon as possible thereafter

Qualifications up to NVQ level 2/3 or equivalent required. Applicants should have a minimum 3 years experience in all aspects of greenkeeping and a thorough knowledge of machinery maintenance and automatic irrigation systems. The successful candidate will be required to take over all the duties of the Head Greenkeeper in his absence.

Salary negotiable according to experience/qualifications.

Apply in writing with CV to:

**John R Ingleby, Executive Secretary,  
The Luffenham Heath Golf Club,  
Ketton, Stamford, Lincs. PE9 3UU**

## THE WILLIAMWOOD GOLF CLUB

Requires both a

### DEPUTY TO THE COURSE MANAGER

This position requires an individual experienced in the use and maintenance of a wide range of machinery, together with the expertise to supervise, motivate and train junior members of staff.

### QUALIFIED GREENKEEPER

Enthusiastic and hard working greenkeeper required to join a staff of six.

Applicants for both the above positions should possess or be working towards the appropriate qualifications.

In both instances the salary/wage will be negotiable.

All applicants should clearly state the position applied for:

Applications containing CV to:  
**The Secretary, The Williamwood Golf Club,  
690 Clarkston Road, Glasgow, G44 3YR  
before 26th February 2001.**

## Area Sales Manager

London and Home Counties

Circa £24,000 p.a.

The Scotts Company (UK) Ltd is the world's largest supplier of horticultural products to the consumer and professional horticulture, turf and amenity markets. The UK headquarters of the Professional Business Group is in Bramford, Ipswich and the UK PBG turnover last year was in the region of £20m.

We are seeking an Area Sales Manager to take responsibility for the Turf and Amenity business in London and the Home Counties, to maximise the sales effort for acceptance and growth of Scotts' products.

The responsibilities of the role include managing all accounts and prospects in the area in order to achieve increased market share, strengthening relationships and the understanding of customers' requirements in order to achieve or improve upon agreed sales quotas. The successful candidate will have the ability to develop sales promotions and present to groups of end users and distributors, as well as representing the Company at trade shows, exhibitions, etc. in order to strengthen the Company's offering.

Previous relevant sales experience is needed, along with the self-motivation and initiative required by field-based personnel. The ideal candidate will have an industry-recognised qualification e.g. BASIS, or other evidence of technical understanding of the chemical nature and related issues of the product range.

As well as basic salary and sales bonus, we offer a company car, an occupational pension scheme, subsidised medical insurance and 26 days' paid leave.

To apply, please send your CV and covering letter to Carol Terry, Human Resources Manager, The Scotts Company (UK) Ltd, Salisbury House, Weyside Park, Catteshall Lane, Godalming, Surrey GU7 1XE.

Closing date for applications is 9 March 2001.

*We are committed to equal opportunities  
for all and are a no smoking company.*





## DELAPRE GOLF COMPLEX NORTHAMPTON

Requires a

### HEAD GREENKEEPER

Facilities include:

**27 holes main golf**  
**2 Par 3 courses**  
**Pitch & Putt course**  
**Putting greens**  
**Driving range**

Applicants should have appropriate qualifications inclusive of spraying certificates. Enthusiasm, motivation and good communication skills essential to lead the team which includes a full time mechanic. Please apply by either writing, faxing or emailing with full CV to:

**Mr J Corby, Director of Golf, Delapre Golf Complex,  
Eagle Drive, Nene Valley Way, NORTHAMPTON NN4 7DU**

**Telephone: (01604) 763957 Fax: (01604) 706378**

**Email: ruth@delapre.northampton.gov.uk**

*Interviews to be held early March 2001*



The club, which has exciting plans for future development, is currently seeking highly motivated, forward thinking professionals to join its golf course maintenance team in the following positions.

### HEAD MECHANIC

We are seeking a mature, experienced and qualified person to take on this prominent role in developing the Course Maintenance Team. Working alongside the Course Superintendent to promote a professional attitude to machinery management, this position will entail maintaining our large fleet of maintenance machinery to the highest standards.

The work involved is both varied and physically demanding and applicants should be hardworking, energetic and able to work on their own initiative. The position is a key one within a large team, and the successful candidate will be responsible for training the assistant mechanic on an ongoing basis.

### ASSISTANT GREENKEEPERS

The ideal applicants will have 2/3 years experience and be qualified to NVQ Level 2 or equivalent. These permanent positions would suit ambitious team orientated Greenkeepers wishing to further their careers.

If you are interested in either of the above positions, please write with CV to:

**Mike Wattam, Course Manager.**  
**Little Horsted, Uckfield, East Sussex TN22 5ES**

**ONLINE recruitment**

The latest  
**job vacancies**  
FROM THE FINETURF INDUSTRY ARE AT  
**www.bigga.org.uk**

## QUADRON RUSHMOOR LTD

Currently manage Southwood Golf Course an 18 hole, Par 69, parkland course, owned by Rushmoor Borough Council, located in Farnborough, Hampshire.

Applications are invited for the positions of

### DEPUTY HEAD GREENKEEPER

Experienced and qualified to NVQ/City & Guilds Level 3 or equivalent plus, PA1, PA2 and PA6. The successful applicant will have the ability to manage the course in the absence of the Head Greenkeeper. A basic knowledge of machinery and irrigation systems maintenance would be an advantage.

### FIRST ASSISTANT GREENKEEPER

Experienced and qualified to NVQ/City & Guilds level 2 or equivalent. PA1, PA2 and PA6 would be an advantage, as would a basic knowledge of machinery and irrigation systems maintenance.

Please apply in writing with a full C.V. including details of current terms and conditions to:

Clive Ivil, Area Manager, Quadron Rushmoor Ltd,  
Guildford Road, Farnham, Surrey, GU9 9PZ.

*Closing date: 9th March 2001*

## SHANKLIN SANDOWN GOLF CLUB

REQUIRES A

### QUALIFIED ASSISTANT GREENKEEPER

2 YEARS MINIMUM EXPERIENCE AND  
QUALIFICATIONS TO NVQ LEVEL 2 REQUIRED.

SALARY WILL BE NEGOTIABLE ACCORDING TO  
EXPERIENCE AND QUALIFICATIONS.

PLEASE APPLY IN WRITING WITH FULL CV TO:

**THE MANAGER, SHANKLIN SANDOWN GOLF CLUB,  
THE FAIRWAY, LAKE, SANDOWN, ISLE OF WIGHT. PO36 9PR.**





## Sales Representative

North West London, South Buckinghamshire, Oxfordshire, Berkshire for this expanding division to promote sales of our unique products to the amenity and landscaping markets.

Reply with C.V. to:

Managing Director, Turf Management Systems, Dromenagh Farm, Sevenhills Road, Iver Heath, Buckinghamshire, SL0 0PA  
Tel: 01895 834411 Fax: 01895 834892

## ASPLEY GUISE & WOBURN SANDS GOLF CLUB LTD

require an

# ASSISTANT GREENKEEPER

Should be qualified to NVQ Level 2.  
Please apply in writing with CV to:-

The Secretary/Manager, Aspley Guise & Woburn Sands Golf Club Ltd,  
West Hill, Aspley Guise, Milton Keynes MK17 8DX



## GUILDFORD GOLF CLUB ESTABLISHED 1886

Is seeking to appoint a

# HEAD GREENKEEPER

Guildford Golf Club, the oldest in Surrey, is situated on Merrow Downs and equipped with modern machinery and a purpose built greenkeepers facility.

The successful applicant will be responsible for all aspects of course preparation and presentation and is likely to meet the following criteria:

- Fully qualified with proven practical experience, including the use of turf machinery and automatic irrigation systems.
- Proven track record as a Head Greenkeeper. Knowledge of Downland courses advantageous.
- Able to lead and motivate an enthusiastic, well-qualified greenkeeping team.
- Ability to manage resources, including the organisation of work programmes, budgetary control and the maintenance of safe working practices.

Written applications in strictest confidence with full CV to:

Mr B J Green, Secretary, Guildford Golf Club,  
High Path Road, Merrow, Guildford, Surrey GU1 2HL

## National Contracting Company requires

### SKILLED PLANT OPERATORS, TRACTOR DRIVERS & LABOURERS

To work on its land drainage, irrigation and golf course construction contracts throughout the UK.

The positions involve working long hours and staying away from home (accommodation provided).

Full clean driving license essential. Good rates of pay for these permanent positions.

Please apply in writing giving details of experience and any relevant qualifications to:

Nigel Wyatt, Contracts Director, M J ABBOTT LTD,  
Bratch Lane, Dinton, Salisbury, Wiltshire SP3 5EB.

## Tacit - Van Sales

TACIT the largest, and most innovative manufacturer of Golf Course Equipment in the UK are seeking a Turfcare professional to expand their Van Sales Team in the Midlands Area. Applications are invited from candidates with good experience in an amenity sales role and be willing to learn about new products and technical ideas. Candidates with good greenkeeping experience and a willingness to progress in a sales environment will also be considered. Tacit has a range of exclusive products which offer real benefits to its customers and are fun to sell.

An excellent salary is available together with the opportunity to develop your career in a friendly, growing and forward looking company.

Please write, enclosing CV to:

Tim Webb, TACIT, 57 Moat Farm Drive,  
Hillmorton, Rugby, CV21 4HQ



## ABRIDGE GOLF & COUNTRY CLUB

Require an

# ASSISTANT GREENKEEPER

For their mature 18 hole parkland course

Applicants should have a minimum of two years experience and have NVQ Level 2 or equivalent. Spraying Certificates an advantage.  
Salary above BIGGA pay scale.

Apply with full CV to

The Manager, Abridge Golf & Country Club,  
Epping Lane, Stapleford Tawney, Essex, RM4 1ST



**Regular readers of these pages will know that I have always had a deep interest in the managerial aspect of golf club life. Warped though I may be, I like nothing better than to pick over the bones of a golf clubs financial capitulation ...**

# Trash equals cash

Recently I have been spoilt for choice in the pursuit of this recreation. Many within my locality are being found in the pages of the Internet under the heading of "For Sale". It is tragic when you think about it. They all had such high aspirations and they all cost such vast sums to build and develop and yet they all found themselves on that slippery slope that leads to total demise. One could begin to believe that financial return on an investment in a golf club is extremely hard to come by. Golf club profit it appears, has a great deal in common with the fifth gear on a certain nameless turf truck that we use; you know it's there, but actually finding it is quite a different matter. I would dearly love to possess my very own golf club, but what with the going rate for a fairly standard 18-holer being about £1.5 million, I find myself with a short fall of a little over £1.5 million. I therefore have to accept the fact that my ideas on what ensures the success of a golf club will remain just fanciful theory.

Quite recently a club in my area came up for sale following the bank's repossession. As this golf club had obviously gone awry, I felt a deep compulsion to attempt a diagnosis of the cause of its failure and so quickly rang up the estate agent concerned. Having received and studied the sales blurb in some detail, I came up with the conclusion that it had basically suffered from chronic and terminal mismanagement from day one. Principally the owner had built what he had envisaged to be an exclusive members' club in what was essentially a depressed ex-mining area. The local community had neither the inclination nor the resources to join such a club and the few that did rarely spent their money in the palatial

clubhouse. On top of that, green fees were set at a level to deter any outsider from venturing on to the far too challenging course and if they did, the welcome left them with little incentive to return. They even got the naming wrong. A short par three course that was part of the complex was named "The Executive Course", a name that instantly gave the impression of an elitism, that visiting mortals were not worthy of. When the owner in a final act of sheer desperation sold off a few life memberships for a couple of grand each, the writing was on the wall. Few took up his offer because of the imminent doom that lay ahead and it was not long after that the banks decided foreclosure was the best policy. Sad though it may be, I have little sympathy for the proprietor, a golf professional who should have known better. He had the opportunity and he blew it big time, not only for himself but for many others as well.

"Well if you're so clever, let's hear how you would do it?" I hear you say. Well thank you very much for your kind offer, I think I will.

Firstly, I would put all feelings of grandeur and vanity firmly to one side. This is in my opinion, the number one mistake that so many golfing entrepreneurs make and they appear to make it time and time again. Why they always have to produce a golf club that is going to be the next Augusta National, I will never know. Lakes, fountains, waterfalls, assorted randomly distributed rockeries, half acre bunkers, buggy paths and contoured fairways that are cut daily by a mower designed for greens. The expense is astronomical and the downfall inevitable, unless backed up by a never-ending supply of cash and a hotel complex to boot.

So making the assumption that

quality equals failure, let us engage in some lateral thought and taking the theory a logical step further, pronounce that lack of quality equals success. An unusual concept I think you will agree but one that I believe can make a great deal of economic sense. Let us further examine the philosophy by way of an example.

There is not far from me a local golf course that is quite frankly appalling. To call it shoddy would be to heap praise upon it. It was built by a farmer who did not play golf and who was like many of his brethren, struggling to the point of near bankruptcy. He got planning permission and cut out a few greens, tees and fairways on what was forty acres of rough pasture. A few trees were planted and a couple of sandpits called bunkers were lobbed in for good measure. The land was flat and featureless and the only strategic elements on this course were an abundance of electricity pylons, which the punters call metal trees. The playing areas are maintained by the farmer himself on an ad hoc basis that appears to be more related to when his wife decides to kick him out of the house rather than the growth requirements of the weeds, or grass as he likes to call it. There is no doubt whatsoever, the course condition is utterly abysmal and at times the place can be seriously dangerous, what with all the errant golf balls and occasional club thrown in wrath. I would not play this course if you paid me but there are many who are more than willing to queue up for the privilege. In fact they love nothing better than to pay just five pounds to hack about on his excuse of a course for a couple of hours. Being nine holes, even the worst family five ball complete with matching shell suits can go from the regional car boot sale,



get round this assault course in two hours or less, a quick refreshment in the semi-derelict wooden shed that is called a clubhouse and they are back home in time for "Blind Date". None of your five hours of torture here, in fact our farming friend can get 50,000 punters round his little gold mine each year without once resorting to advertising. If I were to give him some advice it would be to vary his routes to the bank and try not to laugh too much while doing so. This man using the principal that nothing is too bad for his clientele is making a mint.

I would estimate the total cost of maintaining his enterprise at £50,000 per annum which means he is stashing away about £200,000 profit a year. I'd say that even after the taxman has removed his share, that figure equates to at least a 100% return on his initial investment, which makes the so-called experts look a little stupid.

But I admit the market is somewhat limited for this type of golf. If there already exists a course of such unmitigated lack of distinction in a town, there is little point in building another. It has to be said that eventually the yob culture that inhabit such establishments, like to elevate their status and sample the full-length eighteen-hole variety. So what can we do within this particular market? Well, one of the recurring mistakes that is made by the

golf developer, is to make the course way too difficult. The course then suffers from the once only syndrome. The visitors make a single attempt at playing it and when having been well and truly humiliated by the experience and/or run out of golf balls, they never return. So if I may again use the opposite hypothesis, how about a course that is made to flatter, a course so easy that even the most inept weekend duffer can legitimately claim to produce similar scores to that of Tiger. We are talking huge fairways, monster flat greens, bunkers that are miles out of play and all holes at the minimum length. I would modify the hole cutter to double the size and introduce a local rule that allows a free drop from anything you don't much like the look of I also notice that if you are playing a par four of say 420 odd yards in length, by some strange anomaly of the rules of golf, it miraculously becomes a par five if you happen to be female. Based on this principal, I would bring in a series of local rules whereby an addition of one will be made to the courses par for the sufferance of each of the following:- possession of a hangover, possession of a mortgage, after affects of a dodgy curry, low blood sugar levels, low blood alcohol levels etc etc. By this means one could legitimately raise the par

of the course for an average human being to about ninety-five. Who knows, such a place could prove to be highly popular, a venue where the local community queue up to get in a few sub-par masterpieces with which to comatise their mates with in minute detail down the pub.

But there will always be a ready market for the traditional golf course. So how would I develop such a place? Simple, I would scale up the previously mentioned rough and ready forty acres to around two hundred or so. I know you only require a hundred acres for a golf course but in my opinion there is nothing worse than one of those courses that has been shoehorned into a totally inadequate space. You are then left with a course where one of my usual tee shots that starts left with violent hook, simply ends up on an adjacent fairway. My partners that is a mere fifteen yards off the chosen line on the other hand, ends up behind the compulsory row of poplars, planted by some far off Captain in a desperate attempt to create fairway definition. Such courses are extremely boring, totally unfair and positively dangerous.

Given two hundred or more acres and a course can be given instant appeal. There is space, there is wildlife, there is strategy, and there is seclusion all built in. The course itself would be created largely by

Mother Nature, save for the odd levelled out area for greens and tees and no more than a dozen tactically placed bunkers. I would not have any of your prohibitively expensive USGA specification stuff here and as for irrigation, just give me a mains system with a few hose pipe connections at the back of the greens. One hundred grand and you could have the whole lot built and ready for opening day. Maintenance would be in line with some of those marvellous common land courses which we still have in this land of ours i.e. a greenkeeping complement of about two people with a total budget of around 50K. Ten pounds a round, fifteen at weekends and say thirty thousand pay and play customers a year and you would have a very healthy profit margin indeed. I will stick my neck out and proclaim with confidence that it would work.

So if the R&A would like to invest some of their hard earned millions in one of the above concepts, then I would be delighted to help in the creation of cheap, quality golf for the masses. Just trust me and give me the money. I could even promise not to call my course The McDivot Country Club.

**Sandy McDivot, Head Greenkeeper, Sludgcombe Pay and Play**





## Feature listing from February '99

**February '99;** Westerham GC; R&A questionnaire results; Finland; grass cutting; BTME99 Review; Bernhard and Co

**March '99;** Loch Lomond, Worm update, GrassRoots, Softspikes, Maintenance facilities, Environment review, Architecture

**April '99;** Carden Park, Telecommunications, Water Management, Rolawn, Seeds

**May '99;** Security, Bude and North Cornwall GC, Spraying Regulations, Jim Arthur, The Acid Theory, Amenity Technology profile

**June '99;** Thorpeness GC, Millennium Bug Busting, Irrigation, Scotts profile, Company adaptability

**July '99;** Carnoustie, Golf Course Furniture, Spike Research, Toro profile, BIGGA Silent Auction

**August '99;** Viscount Whitelaw tribute; Open review; Merrist Wood; Saltex preview; Turf; Trees; Grass Cutting; BIGGA Golf Day review; Redexim profile

**September '99;** Slaley Hall; Tyres; Spotlight on Thatch; Elmwood College Awards; National Championship preview

**October '99;** The Manor House, Castle Combe; Aeration; Saltex review; Mycorrhizas; Toro Award preview

**November '99;** Sir Michael Bonalack interview; The Pines GC; Oil; Bunkers; National Championship review

**December '99;** Agronomy; Security; Environment Competition Winner; Toro Award Winners

**January 2000;** Greens Construction; Awkward Jobs; Sandy McDivot; Agronomy; Toro Award review

**February 2000;** BTME2000 review; Committed to Green interview; Rookery Park GC; Engines; Chairman's profile; Environmental Management

**March 2000;** Cleobury Mortimer GC; Course Furniture; R&A Conference Report; Cutting heights; Avoncrop profile; Valderrama report; Westurf preview

**April 2000;** Fortrose & Rosemarkie GC; Utility Vehicles; Irrigation; Seed breeding; Gem Professional profile.

**May 2000;** Ross-on-Wye GC; Top Dressing; Course Mapping; Compact Tractors

**June 2000;** National Championship preview; Spraying; World Education Conference review; Environmental Management; Mowers

**July 2000;** Open Championship Preview; Dougal Duguid Court Case Report; Pest Control; Aventis profile; Course Conditioning

**August 2000;** Open Championship review; Water Features; Saltex preview; Charcoal; Malone GC; Royal County Down; Grand Tour Scholarship

**September 2000;** Blowers and Sweepers; Berkshire College Academy; National Championship roundup; Gordon McKillop interview; Winter health checks

**October 2000;** Toro Awards Preview; Ronald Fream; Irrigation; Saltex Review; Pest Control; Woburn GC

**November 2000;** Grass Cutting Machinery; Clandeboye GC; Drainage; National Championship review; Leatherjacket management

**December 2000;** Toro Awards; Making the most of your Dealer; Budget Boosters; BTME2001 preview; BIGGA/Bernhards CGSA delegation preview

**January 2001;** Communication; Tyres; Turf diseases; Kingsbarns Golf Links; Environment Competition Winner - Dyke GC; Talking Heads - Pest Control



# A fresh start



It was a huge honour and privilege to take on the Chairmanship of our Association at this year's AGM held during Harrogate. I am under no illusion about the work I have ahead of me as BIGGA made great strides under Elliott Small's Chairmanship and I want that to continue. We all owe Elliott a great debt of gratitude for what he has achieved over the last 12 months and I hope that I can come close to doing as fine a job as he did.

The AGM was also a sad occasion because it saw Gordon Child stepping down from the Board after many years of over-and-above-the-call-of-duty work for the Association. As well as his two year period as Chairman, he spent a number of years on the Board and several years before that as South West and South Wales

Regional Administrator.

It would be remiss of me not to make mention of Edna Small and Marion Child, both of whom were the other half of the Edna and Elliott and Marion and Gordon Regional Administrator Double Acts, who each continued to provided such support when Elliott and Gordon were Chairmen.

Fortunately we are not losing Gordon totally as he will remain as BIGGA's representative on the GTC.

Well, what a great week. Record attendances, and, from what people have told me, the best week ever for a great many visitors and exhibitors. It should help us to forget about the awful weather and springboard us into the new, and hopefully better, season.

I was particularly pleased to see how

well attended the Conference, Workshops and Seminar sessions were. It was interesting to see so many people from all corners of the globe talking greenkeeping and also interesting that so many problems are common to us all.

As we all know education is the bedrock of the Association and the fact that so many people took advantage of the superb opportunities available to them augers well for the future of the profession. On that very point it was interesting to listen to Dr Paul Rieke, of Michigan State University, who said he had 40 years in the industry and was still learning.

That I have been able take on the role of Chairman owes much to the support of my family and Walton Heath Golf Club. Any doubts I may have harboured were swept away thanks to the number of people who came up during the week and wished me well. It has certainly given me the confidence to tackle the year ahead.

As I have said I'm particularly looking forward to meeting so many of you over the course of the next 12 months but please feel free to pop into Walton Heath if you're passing. I'd be delighted to see you.

Speaking of the golf course despite the wet weather and frost, we have got well into our tree and scrub clearance work which is ongoing work to keep the heathland open. I hope you have achieved what you set out to do with your winter programmes.

Before I go, those of you who saw Richard Noble's Keynote speech will, no doubt, have been moved by his inspirational words and the video clips which had us holding onto our seats, but I was interested in his final comments about the project which brought about the speed of sound breaking land speed record.

"It was all down to teamwork."

Well worth remembering.

Clive Osgood  
Chairman



# MEMBERSHIP REQUEST CARD



If you are employed as a greenkeeper, at college studying greenkeeping, or involved in any way with the fine turf industry, then BIGGA membership could benefit you. To find out more about membership, fill in this card and send it to us today.

**Yes, I'm interested in joining BIGGA. Please send me details of:**

- |  |  |   |  |
|--|--|---|--|
| <input type="checkbox"/> Greenkeeper<br>Membership<br>Subscription includes magazine | <input type="checkbox"/> Associate/Company<br>Membership<br>Subscription includes magazine | <input type="checkbox"/> Corporate<br>Membership<br>Subscription includes 4 magazines | <input type="checkbox"/> Student<br>Membership<br>Subscription includes magazine |
|--|--|---|--|

Name

Mailing address

Postcode

Work Tel:

Email:

Golf Club/Company/College

Position at Club/Company/College

British and International Golf Greenkeepers Association, BIGGA HOUSE, Aldwark, Alne, York YO61 1UF  
Tel: 01347 833800 Fax: 01347 833801 Email: [membership@bigga.co.uk](mailto:membership@bigga.co.uk) [www.bigga.org.uk](http://www.bigga.org.uk)



BUSINESS REPLY SERVICE

Licence No. YO 331

2



**Membership**  
**BIGGA HOUSE**  
**Aldwark**  
**Alne**  
**York**  
**YO61 1UF**



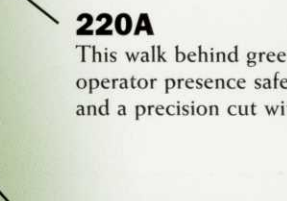
# Nothing looks better than a course that's completely green.

On a growing number of courses, the choice of colour in golf and turf equipment is John Deere green. Here's why:



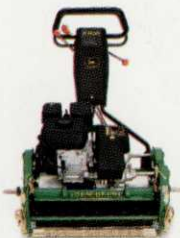
## 2500

This new triplex greens mower has a quality of cut that is second to none. Diesel models feature 13.4kW (18 hp) engines and John Deere cutting units.



## 220A

This walk behind greens mower features an operator presence safety system, more power and a precision cut with 11 bladed reel.



## Aercore Aerators

The first walk behind and tractor mounted aerators that deliver high productivity without sacrificing hole quality.



## 2653

Superior performance on undulating terrain with a precision cut, hydraulic reel drive and 66 cm (26 in) ESP cutting units.



## 1200A

Excellent pulling and pushing power. Opens up a whole new era of bunker rake design. Many attachments available.



## RZI 700

Effective, efficient and environmentally friendly. This root zone injection system injects liquids directly to the root zone.



## 4000 Series

Our new line of compact utility tractors have hitch lift capacities up to 1,134 kg, high torque engines, excellent breakout force and 540 rpm PTOs.



## Turf Gator Utility Vehicle

A unique combination of toughness and quietness makes this Gator perfect for the golf course. Foot pedal start works just like a golf cart.



The best product support in the business and the best dealers are also green. Talk to us today.

## NOTHING RUNS LIKE A DEERE



John Deere Ltd., Harby Road, Langar, Nottingham NG13 9HT, Telephone 01949 860491



# For Toro's Fairways range nothing is out of bounds.



**Reelmaster 5200-D** Ideal for links or heathland courses with slower rates of growth, this lightweight, 25hp workhorse with small reels is competitively-priced and simply engineered for self-servicing.



**Reelmaster 5400-D** Similar to its smaller stablemate, the 5400-D's larger 32hp turbocharged engine gives greater pulling power for more severe cutting conditions or steeper inclines. Options include 2 and 4 wheel drive, cab and grass boxes.



**Reelmaster 5500-D** Fitted with a larger engine and bigger reel diameter for higher productivity, the 5500-D follows ground contours smoothly to give the finest of cuts. Options include 2 and 4 wheel drive, cab and grass boxes.



**Reelmaster 6500-D** A 38hp engine and larger reel diameter make this a highly productive and easy-to-operate fairway mower. Options include 2 and 4 wheel drive, cab and grass boxes.



**Reelmaster 6700-D** Up to 11 feet of exceptional productivity is promised from the 6700-D's efficient 42hp engine, which comes with 4 wheel drive and is capable of cutting with 5, 6 or 7 units. Options include cab and grass boxes.

At last, here's a range of Fairways mowers that can't be beaten, whatever the weather or the growth rate. For sheer versatility and high levels of productivity the Toro range of precision-engineered tools are designed to meet all your turf management needs.

So, if you need powerful performance and superb playability, choose from Toro's Fairways range.

Just call 01480 226800, you are bound to be impressed.



TORO distributed by: Lely (UK) Ltd., St Neots, Cambridgeshire PE19 1QH. Tel: 01480 226800 E-mail: [toro.sales@lely.co.uk](mailto:toro.sales@lely.co.uk)  
Lely Ireland Limited, 6 Airton Close, Tallaght, Dublin 24. Tel: 00 353 (0)1 459 3314 E-mail: [torosales@lely.ie](mailto:torosales@lely.ie)

[www.toro.com](http://www.toro.com)

**TORO**

BRINGS QUALITY  
TO THE SURFACE