

Buyers GUIDE

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Just call Jennifer Whichello or Cheryl Broomhead on 01347 833800 and ask about an alphabetical category listing. The cost starts from as little as £29.50 per month

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Turftime Teaser, Greenkeeper International, BIGGA HOUSE, Aldwark, Aline, York YO61 1UF. Entries to reach us no later than Monday 27th January. The first correct entry drawn will receive an Autumn warmer duck-down jacket.

This competition is not open to BIGGA Staff or non-members. The solution to the December Turftime Teaser was 'BBF Contracts'. This was correctly answered by: Mark Ashelby of Cheadle Golf Club.

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Felixstowe Ferry Golf Club is a private members club, founded in 1880. It is situated on the sea front with 900+ golfing members and has an 18 hole 6260 yard course and a 9 hole 2986 yard pay and play course.

The successful applicant will have a proven ability with the appropriate qualifications and experience in course maintenance and management. Knowledge of Health and Safety issues including Risk Management is essential as is the ability to motivate and work with an established hardworking team.

Accommodation is not available; salary is negotiable and dependent upon experience; an established golfing handicap is desirable, although not essential; closing date for applications Sunday 23 February 2003.

Applications with full CV in writing only please to:-

The Club Manager, Felixstowe Ferry Golf Club,
Ferry Road, Felixstowe, Suffolk IP11 9RY

Griffon Forest Golf & Country Club

Flaxton - York

Exciting new venture!

HEAD GREENKEEPER

(NVQ Level 3)

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YORK

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POWERSCOURT GOLF CLUB

Requires a qualified

GOLF COURSE SUPERINTENDENT

to manage the existing course & the new 2nd 18 holes due to open in 2003.

The successful applicant will:

Be a team player with the ability to communicate effectively with greenkeeping staff and management.

Be capable of managing resources efficiently to present & maintain both courses to the highest standards, whilst working within defined expenditure budgets.

Apply in writing to: Golf Course Director,
Powerscourt Golf Club, Enniskerry, Co. Wicklow, Ireland.

HANDSWORTH GOLF CLUB LTD

(private members club) Founded 1895

Requires a qualified

1ST ASSISTANT TO THE HEAD GREENKEEPER

To join a team looking after an 18 hole parkland course. The successful applicant must have NVQ2 and Spraying certificate.

Applications in writing with C.V. to:

Green Chairman, Handsworth Golf Club Ltd,
11 Sunningdale Close, Handsworth Wood, Birmingham B20 1NP

MOOR ALLERTON GOLF CLUB

Est. 1923 - 27 hole championship golf course

Requires an

ASSISTANT GREENKEEPER

Enthusiastic and committed Assistant required
to join our energetic and professional team

Qualified to NVQ Level 2 - PA1, PA2 and PA6 would be an advantage

Salary subject to the Standing Committee recommendations

Apply in writing to:

The Course Manager, Moor Allerton Golf Club, Coal Road, Wike Leeds LS17 9NH



SHERBORNE GOLF CLUB

Invites applications for the position of

HEAD GREENKEEPER / COURSE MANAGER

The successful applicant will be a "hands-on" professional with a proven track record and the appropriate qualifications. Self-motivation and the ability to manage and enthuse a small team is essential together with personal skills to plan and monitor course maintenance programmes and operational budgets.

Sherborne Golf Club is a private members club and the course has recently been extended to 6,414 yards with a new Practice Range and Golf Academy.

Applications in writing to include full C.V. to:
The General Manager, Sherborne Golf Club Sherborne, Dorset, DT9 4RN



LAMBERHURST GOLF CLUB

Require an ASSISTANT GREENKEEPER

We are a friendly members club with a beautiful 18 hole parkland course and are looking to recruit a hard working dependable greenkeeper to join our existing team in a progressive environment.

The successful applicant will hold NVQ Level 2 and be keen to expand their experience.

Applications should be in writing accompanied by current CV to:

The Secretary, Lamberhurst Golf Club, Church Road, Lamberhurst, Kent, TN3 8DT
www.lamberhurstgolfclub.com



HEAD GREENKEEPER



ATTRACTIVE PACKAGE, COASTAL SPAIN

Desert Springs S.L. is part of the Almanzora Bay Group, sister company to a successful U.K. Regional Developer, and has major long-term investments in Almeria on the Mediterranean coast of South-East Spain - focus of the next generation of Spanish golf, tourism and leisure-based developments.

Desert Springs is Europe's first and only North-American style desert golf course (as in Scottsdale, Arizona and Palm Springs, California). It is constructed to USGA specifications and opened in April 2001. With the golf course now grown-in and established, the Construction Superintendent departs in early 2003 and we now need a **HEAD GREENKEEPER**.

Responsible to the Director of Golf for maintenance of the desert golf course and its extensive landscaped areas, you are likely to be between 27 and 40, very committed and demanding of yourself in meeting the highest maintenance standards, and have excellent inter-personal skills (a knowledge of Spanish and/or willingness to learn, and previous work experience in Southern Spain will be very advantageous).

You will need:

- Knowledge of turf-grass management and awareness of current thinking, methods and trends; including a total understanding of rye, penn cross and A-4 grasses and their maintenance and irrigation in hot dry conditions.
- A 'hands-on' track record in all aspects of golf course maintenance, including machinery, budgetary and administrative control.
- An ability to continue the on-going training and motivation of a complete maintenance team recruited locally.

This is a wonderful opportunity to move to or relocate in Spain to an area which provides a high quality of life, not least for families; to benefit from long term employment and an attractive package meeting current market conditions; to build on the top quality work carried out to date and have the major role in maintaining this first course to the highest standards and being involved in planned future developments.

Interested candidates should forward a full C.V., including salary history, in confidence to:



The Director of Golf, Desert Springs S.L.
C/o The Almanzora Group, The Manor, Boddington,
Cheltenham, Glos. GL51 0TJ

Email: desertspringsgolf@almanzora.com

Fax: 00 44 (0)1242 680701

See also our website at: www.mojacaronline.com



STOCKSBRIDGE & DISTRICT GOLF CLUB

Require a HEAD GREENKEEPER

Minimum qualifications required include NVQ to at least level 3 PA1, PA2 & PA6 Spraying certificates.

The successful applicant will be an enthusiastic hands on individual, possessing strong motivational skills and the ability to lead from the front.

An ability to work within a defined and agreed budget is an essential attribute.

As is a comprehensive knowledge of all types of course maintenance machinery and Health & Safety at work legislation.

Salary to be negotiated. No accommodation available.

Please apply in writing, including a full C.V. (including current salary) to:

The Secretary, Stocksbridge and District Golf Club,
Royd Lane, Deepcar, Sheffield, S36 2RZ

THE WARRINGTON GOLF CLUB

Require a HEAD GREENKEEPER

Minimum Qualifications required include NVQ to at least Level 3. PA1, PA2 & PA6 Spraying Certificates.

The successful applicant will be an experienced motivated team leader with a proven record.

The salary package will reflect the importance of the position with a prestigious Club celebrating its Centenary in 2003.

Written applications with CV to:

The Secretary, The Warrington Golf Club,
London Road, Appleton, Warrington, Cheshire WA4 5HR

Recruitment



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ULVERSTON GOLF CLUB

Ulverston Golf Club is a private members club of 18 holes, beautifully situated overlooking Morecambe Bay on the edge of the English Lake District.

Applications are invited for the position of

COURSE MANAGER

The successful applicant will be a hands on professional with a proven track record and the appropriate qualifications. Self motivation and the ability to manage and enthuse an established team of green keepers is essential together with the personal skills to plan and monitor course maintenance programmes and operational budgets.

Salary is negotiable dependant on qualifications and experience.

Applications in writing to include full C.V to:

The Secretary, Ulverston Golf Club Ltd, Bardsea Park, Ulverston, Cumbria LA12 9QJ

GERRARDS CROSS GOLF CLUB

wooded parkland course, est. 1922,

has a vacancy for an

ASSISTANT GREENKEEPER

to join our enthusiastic and progressive team.

Experience and NVQ Level 2 preferred, but not essential.

Applications in writing with CV

to arrive no later than 28th January 2003 to:

The Secretary, Gerrards Cross Golf Club,
Chalfont Park, Gerrards Cross, Bucks SL9 0QA

WOKING GOLF CLUB

Requires an

ASSISTANT GREENKEEPER

Applicants must have minimum qualifications to NVQ2 plus PA1, PA2 and PA6 spraying certificates. Candidates must also have at least 1 years experience with up-to-date practices.

Salary will be based on age and experience.

Please apply in writing with full C.V. to:

The Secretary, Woking Golf Club,
Pond Road, Hook Heath, Woking, Surrey, GU22 0JZ



STOKE ROCHFORD GOLF CLUB

Invite applications for the position of

HEAD GREENKEEPER

Stoke Rochford is an attractive and interesting 6300 yd 18 hole, parkland course set behind trees and an estate wall about 4 miles South of Grantham off the North bound carriageway of the A1.

The successful candidate will have proven ability with appropriate qualifications and experience in golf course maintenance and management, with an enthusiastic hands on approach, and able to lead and motivate a keen team.

Have budgetary skills and be able to oversee health and safety issues including risk management. Salary negotiable in accordance with experience.

Closing date for applications: 31st January 2003.

Apply in writing with CV to:-

The Secretary, Stoke Rochford Golf Club,
Great North Road, Nr Grantham, Lincs NG33 5EW

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Feature listing from January 2001

January 2001; Communication; Tyres; Turf diseases; Kingsbarns Golf Links; Environment Competition Winner - Dyke GC; Talking Heads - Pest Control

February 2001; BTME2001 review; Winter Mowing; Irrigation; Broadstone GC; Hedges; Security

March 2001; York GC; Greens Maintenance; Meland GC, Norway; Greens Mowers; BIGGA Essay Winner; Grass Science profile

April 2001; Lightning detection; Brockett Hall GC; CGSA report; Fairway Mowers; Irrigation; Sward renovation; BIGGA Essay winner; Turf Disease

May 2001; Foot and Mouth Disease Special Report; Maintenance Facility report; Bunker Sand; ATVs; RainBird Profile; Fineturf Genetics; BTME2002 countdown; Electric-powered machines

June 2001; Stoke Park Club profile; Stuart Cagle MG; Tractors; Leaf Spot Disease; Take All Patch; Construction

July 2001; Royal Lytham profile; Tees Mowers; Fertilisers; Green Grasses; John Deere profile; Sandy McDivot; College Listings

August 2001; Aeration Survey; Machrie GC profile; Rough Mowers; Saltex Preview; Dr Alan Gange - environmental research; Hayter Profile; Ponds; Open Championship review; Toro Student of the Year profile;

September 2001; Ryder Cup preview; Chafer Grubs; Drainage; BIGGA National Championship preview; Sandy McDivot; Machinery Maintenance; Soil Analysis; Wild Flowers

October 2001; Major Award for Walter Woods; Royal Portrush GC; Portstewart GC; Irrigation; Soil biodiversity; Leaf collection systems; Scotsturf preview; Saltex review

November 2001; BIGGA National Championship review; Environment Competition winner; Spraying; Toro Awards Preview; Cutting regimes; Dyke GC

December 2001; Toro Award Winners; Southern Gailes GC; BTME preview; Specialty equipment; Thatch removal

January 2002; Walton Heath profile; Greenkeeping in Denmark; Moving materials; A first for Andy Campbell; New products

February 2002; Harrogate 2002 Review; Drainage; Castlerock GC; Trees; Recycling; TurfTrax profile; Barn Owl special report

March 2002; Donnington Valley profile; Utility vehicles; Essay competition winner; Irrigation; Seeds; Sandy McDivot

April 2002; Heyrose GC profile; Bernhard's Scholarship; De-stress your greens; COSHH assessments; Rootzones and topdressing; Maintenance facilities; Essay competition

May 2002; BIGGA Report; Nematodes; Caldyc GC profile; Multi-tasking machinery; Bunker Sand; Essay competition; Fijian GC profile; BIGGA Minimum qualification

June 2002; Finding Fungi; Greatham Valley GC profile; Tyres; Calabria GC profile; Lakes and Ponds; Poa Annua - Jim Arthur

July 2002; Open preview; Turf; Steve Isaccks; Emissions; Grinding; Rotary Mowers; BTME preview; Sandy McDivot

August 2002; BIGGA Golf Day; Open review; Talking Heads - Education & training; Trees; Dr Kate Entwistle; Pwllheli GC; Weather; Compact Tractors; Saltex preview

September 2002; National Championship Preview; Irrigation; Non Grass Cutters; Hawkstone Park; Careers in Greenkeeping

October 2002; Saltex Review; Golden and Silver Key Supporters; Environment Awards; Health & Safety; Sustainable Use of Pesticides

November 2002; Toro Student of the Year; National Championship; Drainage; St Andrew's Bay; Autumn Problems

December 2002; BTME & ClubHouse Preview; R&A Golf Course committee; Dr Kate Entwistle; Pennard GC



And so I close

With Christmas out of the way I would like to wish you all a Happy New Year and a successful 2003 whatever you may be doing. With BTME and ClubHouse just a couple of weeks away this will be my last article as Chairman so I would like to bring you up-to-date on the last month and reflect on the year just passed.



At the end of my last article I reported on Gordon Child's hospital stay, well regrettably Gordon is still waiting for a decision as to when the operation will take place. The frustration of not knowing when must be worse than that of a committee decision at the Golf Club but I am sure if you were still there at Christmas you must have made a great Santa Claus Gordon!

I also reported on a forthcoming trip to the States and the John Deere World Team Championships. Well a few days after writing the last article I made my way to Heathrow Airport and met with the English winning team Brockenhurst Manor prior to making the 10 and a half hour flight to Phoenix, Arizona. Once over there we were not disappointed, the temperature was in the mid 80's, the accommodation out of this world and the organisation similar to that of a Pro Tournament.

As for Grayhawk Golf Club where the tournament was played that was equally impressive as it was situated in the desert. All aspects of the course were excellent in particular the greens which were lightening fast and very undulating. With regard to the tournament, well the team practiced Thursday, Friday with the competition held over the weekend. Unfortunately they only finished mid-table despite being 21 under par but nevertheless represented the Association impeccably.

As for John Deere a big thank you to all who made it such a memorable event and to everyone else who made it in the qualifiers it is definitely

worth having another go next year.

So, to the year that has passed so quickly. Well despite it being a difficult year economically for all businesses the Association has kept its head well and truly above water. It is true that advertising revenue is down but contrary to belief the magazine is still making a healthy profit and the Association is in the black. Membership has stabilised but we are still looking at new ways of recruiting members and BTME is alive and kicking so much so that we have been able to purchase the ClubHouse exhibition which will now run alongside BTME. The year also saw the formation of the Futures Sub Committee and it was to conclude, I wish George Brown all the best next year and hope you will give him the same support that you have given me.

And finally I must thank Ian Needham and Robert Jelley, of Beedles Lake Golf Club, and the lads, Tim, Paul and Wayne, without your support I would have been unable to have enjoyed the year so much. Thank you all.

Richard Barker
National Chairman

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ST ANDREWS KEEP ON GROOVIN'

St Andrews Links Trust bought three pedestrian Graden Scarifiers in 2001 for use on their six public golf courses. Gordon Moir, Links Super-intendent has been delighted with the purchases.



"We have found them to be very efficient and quick machines to use for scarifying playing surfaces prior to overseeding and sanding operations. We have had so much success with the pedestrian

Gradens that we purchased a tractor mounted Graden in 2002 to enable us to scarify larger areas such as fairways. All in all the Graden is a first rate machine".

JOE BEDFORD
CHAIRMAN
F.E.G.G.A.
Federation of European
Golf Greenkeepers Associations

"With 65,000 Rounds over 27- Holes on 12,500m² of greens we require Aeration throughout the year. Combined with our Hollowcoring Programme in Spring and Autumn linear Aeration with the Graden has given consistency to our surfaces, improving Drainage leading to Firmer Faster Greens."

"With the wet Year we experienced in 2002 our Greens performed superbly, so take a bow Graden"

Course Superintendent
Hollystown Golf Club, Ireland

"I HIGHLY RECOMMEND THE GRADEN TO ANYONE WHO WANTS A BETTER PUTTING SURFACE AND HEALTHIER TURF."



Rick Elyea, Director of Golf and Marketing for tee-2-green has witnessed the benefits of the Graden while working with their Penn varieties of Creeping Bent Grasses.

"I was introduced to the Graden unit four years ago at a Tee-2-Green roundtable discussion. I was impressed with the performance of the machine and what it can do to revitalise the turf grass plants. I have found that the machine allows the golf course superintendent the ability to vary the depth of blade penetration, width by blade size or removal of blades. It has been very helpful in removing



the grow-in layer on greens, excessive biomass, almost twice as much as aeration and provides an excellent seedbed.

I have seen more golf courses use the graden to renovate

their greens. They are able to adjust the penetration depth to a maximum depth of 1 3/4" (45mm) with most greenkeepers targeting the area from 1/4" to 1/2" or 0.6mm to 12 mm.

They then follow the machine by dropping seed into the grooves, dragging the greens mix or sand back over the seed and wait for the new seedlings to emerge.

I have seen courses do this once a month through the growing season with very good success and little disruption of play to the golfers.

I highly recommend the Graden to anyone who wants a better putting surface and healthier turf."

AT LAST "THE RIGHT TOOL FOR THE JOB"

Using the Graden on cricket squares is now increasing in popularity in the UK. Keith Kensett of Turfmasters and also an experienced contractor, always felt strongly that cricket clubs would benefit greatly from the machine, and demonstrated it to the English Cricket Board. The blades cut easily through the harder clay surfaces, removing thatch and fibre, without the need to pre soak, and being from Australia, has already proved itself on Australian cricket squares.

Following the success Worcestershire County Cricket Club had with the Graden, many other cricket clubs at county, league and village standard have now followed suit. These include County Cricket Grounds such as Northampton, Sussex, Hampshire, Warwickshire, and Somerset County Cricket Clubs plus many others. This widespread use of the Graden has lead one leading cricket groundsman to say "I can't imagine a cricket ground anywhere in the world that could not benefit from this machine"

David Bates, Head Groundsman at Northamptonshire CC and Chairman of the First Class Headquarter Groundsman Committee stated: "I believe the Graden has revolutionised the process by which cricket groundsmen remove unwanted fibre and debris. The power, and when needed, the severity, enables the control and reduction of thatch layers for all standards of playing surfaces.

Roger Ward, an ECB advisor saw a Graden demo at Cheam Cricket Club along with Chris Woods, and their combined comments that this machine would completely change the way cricket groundsmen treat their squares has become true. Cricket groundsmen are amazed that they can scarify their squares so effectively without first watering.



CHRIS ROBERTS
Course Manager
LUDLOW GOLF CLUB, UK

"We have used the Graden with 2mm blades 4 times on our worst greens, this has dramatically reduced our thatch layer in less than 5 months. It has also eradicated a black layer problem we had and has made the greens a lot firmer and free draining.

The other noticeable difference after using the Graden was the root development, two weeks after the first operation new white roots were seen following all the way down every groove. After the four times we have used it, we have turned one of our weakest greens into one of our strongest".

'GRADEN ON TRIAL'

CULTIVATION OF SAND ROOT ZONES J.T. VANINI, J.R. CRUM AND J.N. ROGERS, III MICHIGAN STATE UNIVERSITY

At Michigan State University we are conducting research to evaluate two cultivation methods on turfgrass surfaces. We are using a standard hollow-tine core cultivator using $\frac{3}{8}$ " (0.95 cm) tines on a 2" x 2" (5.1 x 5.1 cm) grid spacing and a Graden GS04 using 2 mm blades on 1 inch (2.5 cm) spacing.

Details of procedures and Results from this study will be published in the 2003 Michigan Turfgrass Conference Proceedings, but there are some initial observations. Although the Graden can be more labour intensive in cleaning debris (due to debris being scattered versus "nice" clean plugs), twice as much surface area is cultivated with the Graden as compared to standard core cultivation. Aggressive cultivation needs to be done on very high sand content root zones because with the accumulation of organic matter, the average soil pore-size is decreased. This creates a zone at the near-surface that holds much more water and decreases aeration in the soil. Also, a smooth surface is easier to produce with the use of a Graden as compared to a core cultivation unit.

We have seen dramatic improvements to golf and athletic fields with the use of the Graden and expect to see the same results with our experiments.



AERATION THROUGH DEEP SCARIFICATION

BY STEVE ISAAC, STRI AREA MANAGER FOR SCOTLAND & IRELAND

Everyone accepts the importance of a good aeration programme to develop quality turf playing surfaces but the vital area 12-30 mm beneath the turf base, where thatch formation can severely impact on surface water drainage, is often neglected by conventional aeration techniques. This is where deep scarification can play a major role in getting air into the grass roots and the main zone within the soil profile where the plant respire and where moisture and nutrient are taken up by the grass. Experience has clearly shown success in developing firmer surfaces and encouraging new white root growth to scarification lines where the technique has been applied in appropriate conditions. Information from the USGA highlights the greater impact on surface area using the Graden compared to traditional hollow coring, with up to 14.1% area impacted using the 3 mm blades compared to only 4.91% with 12 mm coring tines set to produce a 50 mm by 50 mm hole pattern.

The benefits to aeration are enhanced if quality sand-based top dressing can be worked into scarification lines, though this does necessitate that the operation be undertaken in dry surface conditions, with the 3 mm blades proving most effective in achieving incorporation of the dressing material.

Steve Isaac works from Blairgowrie (01250 875805 or e-mail steve.isaac@stri.co.uk) and his colleague Richard Windows is based in Glasgow (0141 334 4262 or e-mail richard.windows@stri.co.uk).



NEW FOR 2003

**'DIESEL'
GRADEN ZERO-TURN MOWER**

2003 will see the launch of the exceptional 'Diesel' Graden Zero Turn mower, this fast and highly maneuverable ride on mower is powered by a 26hp Yanmar Diesel engine and is ideal for cutting cleanly and quickly through tight, restricted areas. The Zero-Turn mower has a forward top speed of over 15Kph and with having the rear wheels independently controlled this give a turning radius of ZERO and gives the operator full control for maneuvering in any situation. There are 2 cutting widths available, 62" and 72" with an option of side or rear discharge.

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Find out about the Jacobsen LF-1880, LF-3400, LF-3800 and LF-4677 on **Stand A23 at BTME 2003.**

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