Anchors away as divots get heave-ho

Ever since golfers started using iron clubs on turf fairways there has been the problem of divots, their replacement and regrowth.

Birds soon learnt to exploit this new food source as worms, grubs and insects sought refuge under replaced turf.

It is not only birds which disturb divots as machinery, golfers' spikes and drying winds which desiccate the turf all contribute to rooting failure.

Attempts were made to fabricate divot anchors 30 years ago but were prone to failure as the anticipated moulded anchor was intended to be made of clay, seed and fertiliser, designed to eventually break down and improve the soil.

This never got off the ground alone into it.

Many bio-degradable materials have been investigated in the development of the divot anchor and varying methods of manufacture, such as moulding, pressing and laser cutting have been attempted.

Field trials under normal conditions and fairway management were held at South Herts Golf Club, Totternidge, during the period November to March.

In the STRI trial pairs of reasonably adjacent divots were identified and marked. One divot of the pair was then anchored.

Final assessments were given after a period of at least one month when re-rooting of the divots was evaluated visually and scored with appropriate scale methods, the results showed that already over a third of the unanchored divots had been displaced and would therefore not root.

Of those divots which had been anchored 14% had been dislodged, primarily by the aeration work as vertidraining had taken place on the fairways during the trial.

The STRI commented that significant improvement was brought about by the use of anchors in terms of divot retention and recovery.

An informal trial was also conducted when all divots were routinely anchored on three fairways. Only substantial divots with rooting potential were anchored. Thin divots, scuffs and fragmented turf was not excluded.

All the anchored divots in the trials, identified by coloured aerosol markings had grown in and were undetectable by mid April when grass growth was under way on machinery such as sweepers, mowers, slitters, scarifiers and overseeders had no major adverse effect on anchored divots. Vertidraining will, however, pull out an anchored divot.

General thinking now is that the golfers themselves should anchor their own turf. Members are always demanding that more attention is paid to the welfare of their course.

Encouraging members to anchor their own divots gives the players an input in preserving their club's fairways and can be instrumental in better course care generally.

The Manufacturers of "Tuff Tie" Divot Anchors have now made available a "Lockerr Room Dispenser" which gives a supply source of anchors for members.

The text on which advises on the reasons for their use. The Dispenser can be located in the Changing Room or alternatively in the area of the 1st Tee.

For further information Tel: 0181 275 0018

Martin procures new job

Johnson's Seeds has appointed Martin Swinnerton as Procurement Group Manager. Based at the company's headquarters in Boston, Lincolnshire. Martin will be responsible for contracting seed crops, systems stock control and purchasing for his sons' entire seed range.

Martin is no stranger to Johnson's. After studying agriculture at Reaseheath College; he joined the company as a trainee 12 years ago.

Immediately prior to his new appointment, Martin was Sales Administration Manager.

Martin and his team will be dealing with the entire supply and production chain, from securing deliveries and packaging, to liaising with suppliers throughout Europe, United States, Canada and New Zealand.

I'm sorry, could you spray that again?

In a move supported by BIGGA, the suppliers of Blazon Spray Pattern Indicator are offering Course Managers and Head Greenkeepers the opportunity of an expenses paid trip to next year's Golf Course Superintendents Association of America Convention in Florida, USA.

Included in the trip will be the registration costs for Pre-Conference Seminars, Educational Programmes and entrance to the trade exhibition. In addition, the winning greenkeeper's club will receive a brand new Hardi AMK 300 Tractor Mounted Sprayer.

All Course Managers and Head Greenkeepers have to do is order one outer or more of Blazon Spray Pattern Indicator before June 30 complete a Blazon Claim Voucher and their name will go into the national draw. At the end of the campaign, the first name drawn by Gordon Child, BIGGA Chairman, will be invited, together with a representative of the club, to receive the prizes at this year's Saltex. Details are being mailed to every golf club and additional leaflets will be available from Farmura and Blazon Distributor representatives.

This initiative is part of the joint BIGGA/Blazon 'Spray Watch' campaign introduced last year to increase awareness of spraying issues, as they affect safety, and the need for a responsible approach to the practice of spray application within a golf course environment.

I use RiteFeed because

It suits my course

Alastair Trough, Muckhart GC
A sharp solution from Multi-Core

Two new super-thin needle tines have been added to the range suitable for use with Multi-Core’s MC 10 and MC 15 tractor-mounted turf aerators.

Developed in conjunction with John Coleman, Course Manager at Abbeydale GC, in Sheffield, the specialist solid tines are designed for use on fine turf areas which require regular aeration without interrupting normal sports or leisure activities.

Measuring 3mm and 8mm in diameter, the new tines are capable of aerating at depths of up to 125mm (5in) with virtually no surface marking. This has been achieved through a combination of the thin tine design and the working action of the Multi-core aerator which keeps the tines vertical as they enter and leave the ground, irrespective of the tractor's forward movement.

"The new tines will appeal to Course Managers, Greenkeepers and Groundsmen who wish to aerate regularly during the growing season without causing any disruption to play," says Multi-Core’s Ian Waddington.

"In receptive ground, it should be possible to go straight in with the 3mm needle tines. Tougher conditions may require initial treatment with the 8mm version."

Grass at risk from high temperatures

With temperatures in mid-February 10° above the average for the time of year combining with an unusually warm January and early February, growers are being warned to monitor their grassland with care by Geoff Taylor, Technical Officer at Johnsons Seeds.

"Temperatures of 16-17°C are being reached and the climate at the moment is more like April than February, and this could have very serious implications for grassland production in 1998," said Geoff.

"There are many factors that are affected, from nitrogen uptake to diseases, pests and weed infestation. None can be looked at in isolation and the scenario could be described as a cascade effect, all triggered by the recent above average temperatures."

One of the primary concerns for anyone who has applied fertiliser is that temperatures suddenly fall. There are two side effects of this. "Negative environmental impact is a very real threat as rain could occur, leading to leaching. Alternatively, the ground temperature may drop, meaning the plant is no longer able to utilise the nitrogen and it is a wasted application and costly mistake," explained Geoff.

Changes in plant physiology, which is greatly affected by temperature, could also make the grass vulnerable, should a cold snap occur. The cell division and expansion that takes place under favourable conditions means that recuperative potential is severely curtailed, should temperatures fall to freezing, the larger cells will freeze causing irreparable damage to the individual grass stems.

"Equally, rapid growth, without regular mowing could mean that, when cutting does take place, the plant loses a large proportion of its nutrients which are stored in the stem base. The outcome of this is that the plant finds it hard to recover following cutting, again leading to susceptibility. A regular mowing regime is essential and should take climatic conditions into account."

"If the sward is left damaged and vulnerable following rapid growth and then sub optimal weather, disease outbreaks pose a significant threat, particularly fusarium, red thread and pythium, all of which should be checked for. "Leatherjackets, and other pests look like being a potential problem this March, so again, regular testing and monitoring is essential, with an option of chemical control."

The grass is also highly susceptible to weed infestation. This is especially crucial to look out for as many weeds and annual weed mixtures and, in a very short space of time, could have a very negative effect on sward performance," said Geoff.

"With forecasts indicating that temperatures will soon return to normal for the time of year, there are many factors to consider for any grower wanting to make use of early grass growth, but minimising long-term damage to the sward," he concluded.
Walton Heath plays host to Gentlemen

Bearing in mind the weather that we have had throughout February I suppose that we could have considered ourselves unlucky to have had such a downpour in the couple of days leading up to the Annual Gentlemen’s Dinner at Walton Heath. However I’d like to look on the bright side and that on the day we were fortunate only to be hamped by a couple of hours of drizzle.

The one casualty of the weather was the Sisis Putting Competition as the putting green was flooded.

Coincidentally Sisis were also the “victims” at the National Tournament at Cooden Beach when rain caused the abandonment of the third day competition which they sponsored. Is it Sisis or Stefan Antolik who is the bringer of rain?

While the putting green may have been flooded the rest of the course was in tip-top condition and Clive Osgood and his staff had really done us proud.

The magnificent half-way house was provided by Bill Oliver, of Two Turf and Spray Ltd and Johnny Beck, lately of Scotts/Miracle. All who know Johnny are saddened by his news and sincerely hope that he will be seen again shortly in the trade and once again providing half-way houses in the “Egon Ronay” class.

The evening banquet was attended by Walton Heath Club Captain, Brian Ling, Chairman of Green, John Woods, and Secretary Nick Lomas while BIGGA Chairman, Gordon Child made the long journey to be with us.

The prizes were presented by Brian Ling and the entertainment came from comedian Alan Wallace.

Results:
Cat 3: 1. Tony Bremmer


I’d like to thank the sponsors who helped to make the day possible: Amenity Technology Products Ltd; CJ Collins Construction Ltd; Geo Brown Implements Ltd; CMW Ltd; & S Sportsground Construction Ltd; GEM Professional Ltd; Grass Roots Trading Co Ltd; Rigby Taylor Ltd; RiteFeed Ltd; Rolawn Turf Growers Ltd; RPM turfcare Supplies Ltd; Sisis Ltd; Trowse Turf and Spray Ltd and Vitax Ltd.

Derek Farrington

South East Seminar

The South East Regional Seminar sponsored by Ransomes and Grass Roots Trading Company is to be held at Hadlow College, Tonbridge; Kent, on Tuesday May 19, takes a golf course from conception to play.

In the morning Howard Swan, talks on the architect’s role, Andy Cole on that of the agronomist and Chris Collins, the constructor.

After lunch Joe Paulin, of The Literature Club speaks on administration. Robert Brewer, of St Mellion Golf and Country Club, on managing a new course and Keith Backhouse, of Hadlow College and some of his students, on getting the best qualifications to tackle the job.

Further information can be obtained from South East Regional Administrator, Derek Farrington, Tel: 01903 260956.

Hi-Tec answer to irrigation problem

The need to control irrigation systems as an integral part of golf course management, and the need to optimise water usage is becoming one of the key tasks facing Course Managers. Over the last few years the UK and Ireland has seen the installation of some extensive irrigation systems to greens, tees and fairways. The number of sprinklers, and the necessary complexity of the irrigation programmes, makes PC based control an essential feature for a successful operation.

SitePro uses full graphic depiction of the actual course on which it is installed these graphics show the position of the pipework, cables and sprinklers. Operation of individual sprinklers is activated by simply clicking on the sprinkler marked on the screen. This is only the beginning; full utilisation of the system features, flow management, weather station communication to calculate site evapotranspiration rates and a range of course management reporting functions.

SitePro represents the pinnacle of irrigation system control technology and all that is required to run the system is a basic understanding of Windows 95, and a knowledge of turf irrigation practices.

For further information Tel: 01425 476261

New man for Merrist Wood

Merrist Wood College has brought David Rhodes to its expanding team in Greenkeeping and Sports Turf Management. David, who for the last five years has been Lecturer in Turf Science at Myrescough College, near Preston, has taken up the position of Senior Lecturer in Turf Agronomy at Merrist Wood.

"The turf section will continue to co-operate with all industrial governing bodies and with employers in particular, as it strives to meet the requirements of those within the sector," said David.

Merrist Wood was the first college of further education in the country to build its own 18-hole championship length golf course, which opened in September 1997. Designed by David Williams, the course occupies 240 acres of the College's estate and offers a first class environment for the training of greenkeeping and turf personnel.

David, who has also written and published a handbook on the construction and maintenance of artificial turf, started his new role at Merrist Wood at the beginning of March.

Joining forces...

Kings Horticulture and Willmot Pertwee which have been trading as separate companies for the past two and a half years are, in the interests of improved business management and to avoid customer confusion, now operating under the same name - Willmot Pertwee Amenity.

Based in Colchester Willmot Pertwee Amenity has, through recent improvements, a new up to date Chemical Fertiliser storage unit while amenity products are stored and distributed from the Marden depot in Kent and the Oxford depot.

The company has also become the first agrochemical distributor in the world to attain Accredited Certificate of ISO 14001, the environmental management standard.

"Our Greens have continued to be free of dry patch. I am still very pleased with the results of Primere 604" - Lee Shaw, Course Manager, Andy Golf Club.
Watermation complete MBO

Watermation has been acquired by its management team, led by Chief Executive Ray Lewis, in a deal worth £1.6 million.

Funding for the transaction was led and arranged by the Thames Valley office of investment capital group 3i which provided £1,367,000 equity and senior debt facilities. The management team was advised by Kevin Cook of BDO Stoy Hayward and Franco Bosi of Penningtons Solicitors.

Established in 1970, Aldershot-based Watermation designs, manufactures, distributes, installs and maintains irrigation systems for sporting facilities. The Watermation product range comprises a mixture of the company's own manufactured sprinklers and control systems and Watermation branded products bought in from other suppliers.

Operating within a market valued at £20 million pa, Watermation has a 22% market share. At present the company employs 62 people and has a turnover of £5 million. Potential sales are expected to grow due to the increasing popularity of outdoor leisure activities, together with increased spend on sports pitches/courses.

Saxon not stumped by tree problems

When ground has been roughly cleared by flails and chainsaws there is always the need to go over it again to clear tree stumps left proud of the ground before further preparation can be put in hand.

Saxon Horticultural have produced the 8.5 h. p. Briggs and Stratton engine drives the pedestrian controlled commercial Beacat stump grinder, whittling stubborn stumps below ground level in minutes thanks to a durable four tip cutting head with hardened carbide teeth.

The compact 23" wide Beacat Stump Grinder can work in tight spaces and the grinding head will safely operate within inches of building foundations, pavements and other fixed objects. The single wheel brake allows the operator to pivot the cutting head across the surface of the stump while the machine holds a fixed position and a screen covered aperture provides a clear view of the cutting action.

For further information Tel: 01488 694345

Pattisson’s fantastic summer PROMOTIONS

Tel: 01494 79 46 46 Fax: 01494 79 47 47

1. Pattisson’s ‘Aqua Pack’

Hydrotine - £145
Set of replacement tines - £20
Tricoflex 3/4" 50m hose - £68
2 Snap fast hose tails - £5.90

TOTAL VALUE - £238.90
Promotional price - £160!!!

2. Pattisson’s are selling their Bunker Rake with black screw in head and white fibre glass handle for just £5.95.
Paul's new appointment is a real Driving Force

Driving Force Leisure has appointed Paul Buxton as Area Sales Manager for Surrey, East Sussex, West Sussex and Middlesex. Paul joins Driving Force Leisure from Parker Hart where he had been employed for the past 16 years. Also joining the company's new Van Sales Division is Richard Lewis who has two years experience in selling golf Course Equipment in the South East.

Happy landings for Dug

Dug Gooch, Harvest Manager at Sovereign Turf, made a safe landing in a sand pit, following a 1,500 ft parachute jump in aid of Cancer Research. Taking off from Peterborough Parachute Centre, the intrepid parachutist was given an accuracy field of 17 acres within which to land. In one corner of this was a sand pit, forming a 20m circle, and this was Dug's chosen landing spot.

"This charity jump is something I have always wanted to do and I had planned to undertake on my stag night," reports Dug. "However family members did not like the thought that I could end up with my leg in plaster so I delayed the event for four years. It was well worth the wait and I found parachuting a truly exhilarating experience."

Dug paid thanks to colleagues at Sovereign Turf, who lent both moral and monetary support, and other sponsorship over £600 has been forwarded to Cancer Research.

Pastures new for Janet and Amanda

Membership Services Officer, Janet Adamson, and Sales and Marketing Assistant Amanda Mayo, have left the Association to take up new posts with London-based charity, the Oasis Trust, and Cambridge-based software company, i2, respectively. Janet, who has been with BIGGA for two and a half years, will be involved in fund raising for the charity, which assists homeless people both in the UK and abroad.

"I'm really looking forward to the challenge of my new role and feel that the experience I've gained from my time with BIGGA will stand me in good stead," explained Janet.

"Janet's contribution to the development of membership services has been greatly valued and I am sure that I speak for all of our membership, as well as the rest of the staff, when I wish her every success in the future," said Executive Director Neil Thomas.

Amanda, who did much to make BTME'98 such a success, will also be involved in the running of exhibitions in her new position.

"I have enjoyed my time at Aldwark Manor and will miss the many friends I've made in the industry," said Amanda, whose husband, Dan, has also recently moved to a new job in the Cambridge area.

"Amanda has made a big impression since her time with the Association and we wish her and Dan all the very best in their new jobs and home," said Neil.
Top acolade chimes sweetly for Peter

Peter Bell, Managing Director of Jacobsen E-Z-GO, has been named Jacobsen Branch Manager of the Year for 1997 at a presentation held during the GCSAA Conference and Show in Anaheim, California.

The Award recognises outstanding business development and sales performance by a Jacobsen branch.

David Withers, the National Accounts Manager received the Jacobsen European Sales Manager of the Year Award at the same presentation.

Pictures show Peter Bell (top) and David Withers receiving their Awards from Jacobsen President, Phil Tralies, (left) and the Vice President of Sales and Marketing, Harold Pinto.

Rolawn to aid campaign

Rolawn has thrown its weight behind BIGGA's Buy a Brick Raffle to raise money for the Association's new Headquarters and training facility currently under construction at Aldwark Manor.

Each of Rolawn's 16 Depot Managers has been issued with five books of raffle tickets and each depot will have a poster on display publicising the raffle and the attractive prizes.

Many of Rolawn's landscaper customers are keen golfers and the company feels that they will be keen to win some of the prizes on offer.

"As Silver Key members of BIGGA and founder exhibitors at BTME in Harrogate we are keen to play our part and do all that we can to help boost this important project," said Rolawn Sales and Marketing Director, Terry Ryan.

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Rene named as Kubota Deputy MD

Rene Orban has been appointed Deputy Managing Director of Kubota (UK) Ltd.

Retaining his existing position as Director of Agricultural and Grass Machinery Sales, Rene has now taken on the overall responsibility for the company's spare parts, assembly and warehouse departments. He will also deputise for Managing Director, Mr Masakazu Miyake, during his absence from Kubota (UK) Ltd's headquarters at Thame, Oxfordshire.

Rene joined Kubota in March '96 having spent over 25 years working within the industry.

"Our aim is to provide customers with a comprehensive range of hard working, cost effective and reliable tractors, implements and mowers backed by the best possible parts and service support," said Rene.

"We will be working extremely hard to build on the company's undisputed strength within the amenity, horticultural, landscaping estate and grounds maintenance sectors," he added.

Greencare from Twose

Twose Turf & Spray Limited (TTS) has acquired the UK & Ireland distributorship for the Greencare range of turf aerators.

The Coremaster ECO is the first Turf Aerator specially developed as an ecologically friendly machine offering low noise levels, reduced fuel consumption, controlled emissions and longer intervals between maintenance and servicing.

While environmental considerations have been in the forefront of the ECO's design, performance and productivity has not been compromised. At a steady 2 mph, operators will be able to aerate up to 2,000 square metres of turf per hour providing a hole pattern of 50mm x 100mm (2" x 4").

For further information Tel: Twose Turf and Spray Limited on 01536 511243 or contact the company head office, 6 Torridge Close, Henson Way, Telford Way Industrial Estate, Kettering, Northants. NN16 8PY Tel: 01536 511243 Fax: 01536 511675

Royal Inverdivot GC...

The members are moaning about molehills on the 7th green.

No problem, Captain. I'll go and check it now.

Thanks!

by Tony Husband

I use RiverFeed because It's the right feed for my course

Chris Yeaman, Swanston GC

April 1998 Greenkeeper International 13
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: Paul Davies
Club: Tiara Rado, Colorado, USA
Position: Assistant
Age: 40

1. How long have you been a greenkeeper? Eight years.
2. What education are you currently undertaking? HNC Golf Course Management, Distance learning through Elmwood College in Cupar, Scotland
3. Which one task do you most enjoy doing? Walk mowing at sunrise and improvement projects
4. Which one task do you most dislike doing? Cleaning ditches - we have miles of them!
5. What job other than greenkeeping might you have ended up doing? Logistics - materials and financial resourcing
6. Who has been the biggest influence on your career? Geoff Porter, former Head Greenkeeper of Golf Club Issum, Germany, now in India
7. What would you do to improve the life of a greenkeeper? Give golfers a handout detailing what greenkeeping involves
8. What are your hobbies? Golf, cross country skiing, white water rafting, travel photography, cooking and music
9. What do you get out of BIGGA? Keep in touch with UK greenkeepers and progressing to owning my own greenkeeping business in the UK.
10. What do you hope to be doing in 10 years time? Remodeling golf courses or Superintendent

The reason I write is that I saw the announcement in the February issue of the current location of Geoff Porter and his e-mail address, which was great as I’d lost contact with him. Geoff is responsible for introducing me into the profession over in Germany. His great enthusiasm and knowledge got me hooked and resulted in me running my own course and progressing to owning my own greenkeeping business in the UK.

I have recently moved to Colorado to settle down into "married life" and have been fortunate to secure a job here, albeit at assistant level. I think this could be a good way of telling all of the greenkeepers and other wonderful people I have met over the years know of my whereabouts and extend an open invitation to contact me (or drop in!) and hear 'how it's done' here in the desert. Also, at some later date, I would like to attempt to write a short article about greenkeeping Colorado style and illustrate some of the vast differences due to our extremes of climatic conditions.

Paul Davies
BIGGA Member. 4445.