

Made in Britain, the Rolawn Power 5 is designed to cut grass beautifully, even in the rain.

A useful quality. And one you might expect from a British mower. That is, if it weren't so exceptional.

Because the Power 5 is the first British model of its kind. A five gang mower driven by a series of V-belts from the PTO of a tractor or Land Rover.

So, come rain, it really comes into its own. It won't skid or slide-unlike conventional wheel driven gang mowers.

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Even in dry weather, the Power 5 is a shining example.

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quite typical of British reserve. The new Rolawn Power 5.

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## THE NAME THAT STANDS OUT IN THE RAIN

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Please send me more details on the Rolawn Power 5 Please ask your representative to contact me	
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Position	
Address	

Send to: Charterhouse Turf Machinery Ltd., Pink's Yard, 34 Church Road, Milford, Surrey GU8 5JD.

# **News & Views**

## North-West

Lectures by G. Wright (November) and Chris Watmore (January) proved enjoyable occasions and certainly provoked much thought and discussion. However, I hope in future we can improve on the numbers attending.

On a happier note, may I say how pleasing it is to see so many of you wearing EIGGA blazers and ties—it all helps in our image building.

The AGM will be held at the Anchor Hotel, Saltrey on March 21 at 7.30pm.

The spring tournament has been arranged for Monday, April 9 at Heswell Golf Club—tee-off times from 8.30am. The cost includes a buffet and an evening meal and will be  $\pounds 7$  to members and  $\pounds 8$  to non-members. In order to assist with starting times and catering, entries with fees should be sent to the golf administrator by March 21.

Once again, any ideas or criticisms you may have will be given immediate attention. In order to keep members fully informed, the branch committee has decided to produce a quarterly bulletin in addition to the notes appearing in *Greenkeeper*.

### A. Campbell.

### Eastern

The new Eastern branch of EIGGA started with a lecture at Stoke Rochford Golf Club by Jim Arthur on the basics of good greenkeeping.

This was followed early in the New Year by Jonathan Harmer's talk at Belton Park GC on liquid organic fertilisers.

Dates for 1984 include M. Walker of Sports Ground Irrigation discussing maintenance and the updating of irrigation systems—7pm, Monday, March 19, Stoke Rochford GC; a visit to Lindrick, which will be hosted by *Greenkeeper* contributor Eddie Park—starting 2pm, Monday, May 14; an 18-hole tournament (please phone for an entry form)—Monday, September 24, Burghley Park GC and, finally, a film and talk on the SISIS System—Monday, November 12, Stoke Rochford GC.

Enquiries regarding the Eastern branch to Peter Bloodworth, Combecks Farm, Irnham, Grantham. Tel: Corby Glen (047 684) 266.



Members of the North-West branch with EIGGA trustee David Jones and Mrs Danielle Jones, the association's general administrator.

## EIGGA AGM

The second annual general meeting of EIGGA will be held at Trinity Hall, Cambridge on Sunday April 15 at 3pm.

## Kent

The first of several EIGGA one-day seminars planned for the year has been organised by the enterprising Kent branch in conjunction with the Sports Turf Research Institute.

To be held at Broome Park Golf and Country Club on Tuesday, March 6, the cost of attending is just  $\pounds$ 7, which includes coffee, lunch and afternoon tea.

The day is open to anyone (including non-members of EIGGA) interested in golf-course care. Information and ticket details can be obtained from EIGGA general administrator Danielle Jones (Tel: Ipswich 711810), branch secretary John Atkins or Peter Wisbey (Tel: 0843 28512).

Programme: 9.55—Assemble And 10.00-Chairman's Introduction; 11.00-Principles Of Golf Course Drainage (by Gordon Macadam); 11.00-11.45-Construction Of A Golf Green (Jeff Perris); 11.45-12 noon-Discussion; 12.00-12.30—Grasses With Special Reference To Poa Annua (Dr Peter Hayes); 12.30-1.30-Lunch; 1.30-2.15—Turf Diseases (Roy Woolhouse); 2.15-3.15-Problems Of Maintenance (David Stansfield); 3.15-3.45—Discussion; 3.45—Disperse.

Peter Wisbey.

## London

Several all-day functions have been organised by the London branch, including golf tournaments and miniseminars and, although preliminary dates have been fixed, it wouldn't be prudent to announce details until they have beeen finalised.

A recent dinner-dance at the Post House Hotel was a great success and many thanks go to the 90 greenkeepers, trade representatives and friends who contributed to a very successful evening.

Special thanks to Anne and Tom McDonald for all their hard work, which was much appreciated.

## **Dinner Date**

The 1984 Annual Golf Greenkeepers' Dinner will be held at Walton Heath on Friday, March 23.

This successful event in the greenkeeping calendar has a slight variation from previous years with PGA professional John Stirling as guest speaker. As before, the evening will be preceded by a golf tournament.

The event is open to all parties concerned with turfculture and the related trades.

Further information can be obtained from David Wall on Leatherhead 377197 or Hugh MacGillivray on Worthing 691832.



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## THE RULES

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The photograph can be humorous, serious, or even upside down! but it must depict the advantage of using a Rigby Taylor product. In your everyday activity and

concern with turf care and greens maintenance you should have no difficulty in locating a suitable subject.

Transparencies would be ideal! But don't delay in sending your entry if it's a colour print.

You can submit as many entries as you wish but make sure you complete the entry form at the bottom of this ad. Just one point! Please don't write on the back of your entry

It could be your lucky day!

The competition is open to all Grounds-men / Greenkeepers in either private or public employ\*. The staff, their families; agents and distributors of Rigby Taylor Limited are exempt from this competition. All entries must be submitted to the appropriate publication as indicated on the entry form who will judge the best entry submitted and the runner up. The copyright of all entries will auto-matically pass to Rigby Taylor Limited who will produce and distribute a full colour calendar for 1985 using the six winning entries (one from each of six publications) together with suitable publications) together with suitable captions.

The final closing date for entries is 1st September 1984.

\*In some cases it may be that public service employees are ineligible to receive awarded prizes. In such an instance Rigby Taylor Limited will verify the position with the appropriate Local Authority. Should any awarded prize be unacceptable it will be donated to a charity of the winners choice donated to a charity of the winners choice.

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# Notebook

## People, Places, Products

David Jenkins' Charterhouse Turf Machinery has moved to larger premises at Pink's Yard, Church Road, Milford, Surrey. Tel: Godalming (04868) 24411. The move has been brought about by increased demand for products handled by the company, which include Rolawn Power 5 gang mowers, Vertidrain, Vredo overseeders, Team sprayers and Gates belts. The new building incorporates a reception, offices, spare parts stores and workshops.

Anyone seeking special-purpose tyres should see the Carlisle range from Axleline Eastern, Station Road, Hubberts Bridge, Boston, Lincs. Tel: 0205 67005/65080.

A new catalogue details Turf Handlers, suitable for ride-on mowers, mini tractors and golf carts; Gripping Performers for hand carts, snowblowers, lawn and garden equipment; Smooth Operators, to fit vehicles needing a light tread; Big Biters, also for mini tractors, ground tillers and snowblowers; High Riders for fitting to all-terrain vehicles with either three, four or six wheels, and Sure Followers, for goods carried on car trailers.

The catalogue details sizes, ply ratings, mounted diameters and widths, rim widths, load capacities and maximum air pressures. The information is presented in easy-tofollow charts, supplemented with photographs.

Chain-saw safety was the main concern when over 30 senior representatives from the industry met at The Speech House, Forest of Dean recently. The workshop was organised by *Forestry And British Timber* and Hyett Adams, UK suppliers of Husqvarna chain saws.

The morning session included forest demonstrations outlining safeworking techniques, correct saw maintenance and protective clothing. During the afternoon, three papers were given on the importance of correct equipment, training and operators' attitudes. The IOG's Young Groundsman Of The Year—1984 award is open to trainees and students aged between sixteen and nineteen and will be in three parts—a multiple-choice questionnaire, a series of research projects and, for semi-finalists, a personal interview.

The competition opens on April 1 and the winner will be announced at a special ceremony in London on Monday, December 3.

Entry forms from the IOG. Copies of the initial questionnaire will be sent to colleges and institutes.

As part of the IOG's golden jubilee celebrations this year, the annual conference will have Fifty Years Of Groundsmanship as its main theme.

The conference, at Writtle Agricultural College, runs from April 2-5. Papers by guest speakers include: Earthworm Biology—the implications for turf management; Plant Breeding—a review of past achievements and a study of the latest developments; Land Drainage

Continued on facing page...



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Techniques—and their effects on different soils; Artificial Surfaces—a review of the latest developments, and Safety—developments in grass cutting machinery.

W.H. Bowles, president of the institute and head groundsman of Eton College for almost 50 years, will present his reminiscences in a lecture.

The Institute's AGM will follow the conference on Thursday afternoon, April 5. This will be open only to members of the institute.

Further information and booking forms from The Conference Secretary, Institute of Groundsmanship, The Pavilion, Woughton-on-the-Green, Milton Keynes, Buckinghamshire MK6 3EA. Tel: Milton Keynes (0908) 663600.

SISIS has announced the death of Albert Howe, who was 75. Albert worked for the company from 1946 until retirement in 1975. He started his career as chauffeur to the late William Hargreaves, founder of SISIS, and later became a sales rep.



### Albert Howe.

The latest STRI *Sports Turf Bulletin* contains articles on artificial surfaces, frost protection, turf nurseries and rollers and rolling. Tel: 0274 565131.

In 1866, the Prince of Wales and a party of 32 guests reputedly paid a staggering £10,000 a day to stay at Costessey Park Hall, five miles west of Norwich. Today, a new 18 hole golf stands course in parkland surrounding the historic hall with modest membership and green fees that make the prince's daily rate look a very poor deal! Designed by Frank Macdonald, the course measures just over 6,000 yards and there's a large practice ground. The opening is scheduled for June.

Nicholas Winterton, Macclesfield's MP, with his wife Anne (MP for neighbouring Congleton) opened a new research and development building at SISIS Equipment (Macclesfield) recently. Mr Winterton congratulated SISIS on the factory's 'family' atmosphere and described the company as "highly progressive and epitomizing all that is best about smaller firms in this country." Dr Peter Hayes of the Sports Turf Research Institute recalled the long and co-operative relationship going back to the 1930s between the institute's director Mr R.B. Dawson and William Hargreaves, founder of SISIS, which has continued with subsequent directors at Bingley and the present company chairman Derek Hargreaves. Eric Staniforth, managing director of SISIS, presented Mr Winterton with a pair of engraved SISIS tankards and a fountain pen to commemorate his visit.



In the foreground, Mr and Mrs Nicholas Winterton and Eric Staniforth of SISIS.

### Help, Please

I am a second year turf management student at Oregon State University, Corvallis, Oregon and very much want to arrange an eight to ten week working visit to a linksland golf course somewhere in the British Isles.

I am 29 years old and married. I have been in the golf business for 14 years, working in a pro shop for five years and the rest of the time as a greenkeeper, construction crew member, assistant greens' superintendent and head greens' superintendent (for three years).

I am a member of the Colf Course Superintendents' Association of America and the Oregon Colf Course Superintendents' Association. I was a member of the Wyoming-Montana Colf Course Superintendents' Association for three years, where I was on the board of directors and chairman of the new membership committee.

I firmly believe that American golf courses are overpampered, overmaintained and overwatered and that maintenance costs are going to raise green fees to the point whereby only the affluent will be able to play. Americans must adopt many traditional practices and learn to take advantage, as you do, of our natural terrains.

Employment in Great Britain is hard to obtain—as in the United States—so my services would be offered very reasonably. My sole interest lies in studying 'your' practices and gaining as much fruitful knowledge as I possibly can.

Please write to me—John F. Didier—at 1105 NW 26th, Corvallis, Oregon, 97330, USA.

### **Two Of A Kind**

During 1983, both the Links Management Committee of St Andrews and Sunningdale Golf Club decided to purchase the Verti-Drain aerating machine.

Given the degree of traffic the links of St Andrews and the courses at Sunningdale have to cope with in a year and the resulting compaction problems, *Greenkeeper* met the two men in charge. Walter Woods is links supervisor at St Andrews and a prominent member of SIGGA and Jack McMillan is course manager of Sunningdale and president of EIGGA.

"At St Andrews, we have every type of aeration equipment necessary to assist us in the elimination of turf compaction, which is an obvious problem at the home of golf," Walter said.

"Just about every greenkeeper knows that by failing to aerate you encourage shallow-rooted grass, which is expensive to keep and shortens the playing season.

"Over the last few years, manufacturers have improved aeration equipment tremendously. All types of equipment can be purchased to spike greens in days rather than weeks, which was common years ago. I am a believer in all types of aeration, such as slit-tining and solidtining. Hollow-coring is something I do every third or fourth year when I take the opportunity to overseed my greens.

"Many things have been said recently about the types of spiking that can compact the side walls where the tine has penetrated. My opinion is that if spiking is done at the beginning of the winter, natural elements, such as frost, assist you and help achieve the necessary results. We are always on the look-out for better and more efficient aeration equipment and the



These pictures offer a persuasive argument for the Verti-Drain's capabilities.

Verti-Drain appeared to offer deeper aeration.

"After discussion and authorisation by my committee, Charterhouse Turf Machinery-the UK distributors of the Verti-Drain-were contacted and delivery dates to St Andrews organised. On arrival, and after instructions from the installing engineer, the Verti-Drain was immediately taken to aerate our worst greens, allowing time for any repairs to or recovery by the turf to take place. Due to the weight of the machine, our most powerful tractor, a Ford 3000, had to be serviced and overhauled and then a special creep gear was fitted into the gear box so the aerator could operate at walking speed.

"The speed of the tractor relates to the spacing between holes. The slower you move, the more holes you make, but you also create more turf upheaval. It is important that you experiment first. Before starting on your greens, instructions to the operator are necessary and some practice in turning is essential.

"The machine fits at the rear of the tractor on a three-point linkage and can be lifted and lowered by hydraulics. The power, which operates the extended aerating tines, is through the pto shaft from the tractor. The tines are 12 inches in length and they are interchangeable to various thicknesses. We achieved penetration down to at least 11 inches. When these tines are fully extended they are tilted backwards, rather like pushing back on a garden fork handle after it has been driven into a lawn. This action lifts the soil, breaking any

Continued on page 36...

John Campbell Golf Course Consultant



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## **The Gentle Touch**

A £60,000 investment in equipment from the Cushman Turf Care System is helping London's second largest borough keep on top of its workload all-year-round.

Over the last year, Hillingdon has purchased two Cushman Four-Wheel Turf Trucksters, two Three-Wheel Turf Trucksters and a full range of Huxley equipment and attachments. With almost 3,300 acres of public open space to maintain, Hillingdon has plenty of work for its Cushman and Huxley machinery complement.

The manager of Hillingdon's parks and woodlands Norman Leddy explained why Huxley's machinery was chosen.

"Our main tractor fleet, which had previously carried out all sportsfield. amenity area and open space work. was presenting a growing problem due to the increased size and weight of the machines," he said. "As most of our grass and fine turf lies over clay, water cannot escape readily and this hindered the movement of large tractors and equipment. When winter maintenance work became necessary, they sometimes caused unacceptable surface marking and rutting. It was often better to stay off the land and we knew an alternative had to be found."

Mr Leddy stressed that low ground pressure was an important factor when assessing replacement machinery. "We were looking for a prime mover with approximately 3psi tyre pressures," he said.

"Versatility, reliability and service back-up were also major considerations when it came to the final selection. The Cushman Turf Care System fitted the bill in all areas for all-round practicality and flexibility."



Norman Leddy, manager of parks and woodlands for the London borough of Hillingdon, stands beside a Cushman Three-Wheel Truckster at Harefield Place Golf Course, Uxbridge. Mounted on the rear hydraulic linkage is a variable-depth moleblade with turf-slicing disc coulter for relieving compaction and improving drainage on greens and surrounds.

The borough's three golf courses return a net profit of £100,000 and Mr Leddy obviously wanted this balance maintained.

"With the assistance of the Cushman System, we can now keep the courses open for more than 90 per cent of the year," he added. "I am a strong believer in regular aeration and slitting during the winter to keep the surface in peak condition. With the help of Cushman and Huxleys, this is now part of the planned winter maintenance programme. And with the excellent transport attachment, the bunkers can be topped up with sand, when before it was washed away and could not be replaced without producing excessive wheel marks."

Mr Leddy also commented on savings, direct and indirect, that had been apparent.

"As a result of the improved maintenance standards and playing conditions on the golf course, more people have used the facilities," he said. "Jobs around playing fields and stadiums have been speeded up as we can move materials and tools across green surfaces without damage and along public roads quickly and safely. I would estimate that time savings of up to 20 per cent are now being achieved."

Cushman and Huxley grass and turf care equipment is distributed in the UK and Ireland by Huxleys Grass Machinery centres at Hillside, Thorpe Lea Road, Egham, Surrey and The Dean, New Alresford, Hampshire. The company has a nationwide network of 24 dealers. Further information on the company and its products can be obtained from Paul Huxley on Alresford (096273) 3222.

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