



The 475-yard, par-four fourth hole could prove to be one of the most difficult on the front side, as both the drive and approach shot must carry the saltmarsh.

freshwater wetlands within the course.

Dye has ordered extensive plantings of sea oats in the dune areas and will continue to plant through the spring of 1991. The grasses, including sea oats, panic grass, American beach grass, papsalum and sweetgrass (used locally for basket weaving), help preserve the dunes against forces of erosion. These same grasses are used in some bunker faces and along the perimeter of the tees.

Tees and fairways are planted in 419 hybrid Bermuda. Tifdwarf, a much finer strain of Bermuda, has been used on the greens, collars and approaches.

'We have tried desperately not to create a maintenance monster on this course', he said. 'The fairways, tees and greens, we think, can be maintained with four different types of mowers'.

Dye said the sea grasses will be controlled with irrigation and spray, eliminating another area that would require maintenance on a conventional course.

These efforts have combined to make The Ocean Course at Kiawah a most unconventional course, one that will serve as a standard for all courses built in environmentally sensitive areas.

National Education Conference promises a wealth of knowledge

There are few events that create more enthusiasm than the well established and much admired National Education Conference, traditionally held in March and now in its third year. But what, you may ask, is there in it for the greenkeeper? Take just one moment to look at the programme offered over three days, see just how many subjects there are that are important to you, ask yourself if you wouldn't like to learn much more about this thriving industry – your profession – and I might guess your answer will have to be a resounding 'yes'.

That you will benefit enormously there is no doubt, for there is such a wealth of knowledge, experience and good old-fashioned know-how in which you may tap. This will come not only from the various lecture sessions but also at leisure during the many lunches, dinners, informal gatherings and the banquet.

Those who would care to make this event a pleasant break, one which wives will enjoy sharing, will find the City of York has much to commend it, with its famous Minster, elegant houses, wonderful museums, fine theatre and modern shops.

Success breeds success and this year, with yet more speakers and the promise of an even more significant learning experience, the cost to delegates has actually been reduced!

Thus you should make provision NOW for March 22nd – 24th, to attend the BIGGA National Education Conference at Langwith College, University of York.

A full programme and booking form may be obtained from Samantha Flint at BIGGA Headquarters. Telephone her on 03473 581 or fax 03473 8864.

FRIDAY 22 March

9.30 am REGISTRATION in Langwith College

12.00 pm LUNCH - Langwith College

CONFERENCE COMMENCES

Chairman: Mr Gordon Child, Regional Administrator, BIGGA South West and South Wales Region

1.20 pm Introduction - George Malcolm, Vice-Chairman, BIGGA

1.30 pm **'THE INFLUENCE OF SOILS AND MANAGEMENT PRACTICES ON ANAEROBIC ROOTZONES'**

Roy L Goss, Extension Agronomist-Emeritus, Washington State University

2.10 pm **'SOIL SCIENCE AND THE GREENKEEPER'**

Dr Richard Gibbs, Senior Lecturer, Lancashire College of Agriculture and Horticulture

2.50 pm **'SANDS AND BUNKERS'**

David Stansfield, Agronomist to the R & A, Sports Turf Research Institute

3.30 pm Coffee

3.50 pm **'THE ROLE OF THE GOLF COURSE ARCHITECT'**

Donald Steel, International Golf Course Architect

4.30 pm **'THE GOOD, THE BAD, AND THE UGLY OF GOLF COURSE MANAGEMENT'**

Larry W Gilhuly, Director Western Region, USGA Green Section

5.10 pm **QUESTIONS TO THE PANEL**

5.40 pm Close

Transport to Centre of York for Ladies

- Depart College 1.15 pm

- Return to College by 6.30 pm

SATURDAY 23 March

9.00 am **'THATCH'**

Dr Bill Adams, University College of Wales, Aberystwyth

9.40 am **'GOLF DEVELOPMENT AT THE GLENEAGLES HOTEL'**

James Kidd, Estates and Golf Courses Manager, The Gleneagles Hotel

10.20 am **'PREPARING GOLF FOR THE 21st CENTURY'**

George Shiels, Vice-Principal, Merrist Wood College of Agriculture and Horticulture

11.00 am Coffee

11.20 am **'THE GOLF COURSE - FROM CONCEPTION TO COMPLETION'**

Mr G Hodson, Lindum Turf and associates.

12.30 pm **QUESTIONS TO THE PANEL**

1.00 pm LUNCH

2.00 pm **'THE GOLF COURSE SUPERINTENDENT - HIS STATUS, ROLE AND RESPONSIBILITIES'**

Steve Cadenelli, President, Golf Course Superintendents Association of America

2.40 pm **'GREENKEEPING IN NORWAY'**

Tor Senstad, Secretary, Norwegian Greenkeepers Association

3.20 pm Coffee

3.40 pm **'THE WAY FORWARD' DOCUMENT AND SUBSEQUENT DEVELOPMENTS'**

Nick Park, as Chairman of the R & A / Unions Sub-Committee chairs a Question and Answer Session.

Other members of the Committee will also participate.

4.20 pm **'GREENKEEPING IN THE YEAR 2010 - WHO ARE WE TRAINING AND FOR WHAT?'**

Dr Hugh Nunn, Head of Horticulture, Warwickshire College of Agriculture

5.00 pm **QUESTIONS TO THE PANEL**

5.30 pm Close

Transport to Centre of York for Ladies

- Depart College 9.30 am

- Return to College by 5.00 pm

SUNDAY 24 March

9.20 am **'IT'S A MATTER OF QUALITY'**

Larry Gilhuly, Director, Western Region, USGA Green Section

10.00 am **'BENT GRASS IN THE UK'**

Ken Siems, Course Manager, East Sussex National

10.40 am Coffee

11.00 am **'PURE SAND GREENS AND PENCROSS AT COLLINGTREE PARK'**

Peter Jones, Course Manager, Collingtree Park, Northampton

11.40 am **'ARE THERE ALTERNATIVES TO ANNUAL MEADOWGRASS?'**

Roy L Goss, Extension Agronomist-Emeritus, Washington State University

12.20 pm **QUESTIONS TO THE PANEL**

12.50 pm **'SUMMING UP'**

Ivor Scoones, Chairman, BIGGA

Lunch and Depart

Transport to Centre of York for Ladies

- Depart College 9.00 am

- Return to College by 1.00 pm

THE 1991 NATIONAL EDUCATION CONFERENCE IS ORGANISED BY THE BRITISH AND INTERNATIONAL GOLF GREENKEEPERS ASSOCIATION IN CONJUNCTION WITH LINDUM TURF AND ASSOCIATES.

Sparsholt's education partnership

Following the successful launch of the new National Diploma in Golf Course and Sportsground Management, Sparsholt College, Hampshire are seeking the co-operation of employers who can offer employment to students in their middle year industrial placement.

The new course is full-time extending over 3 years, with the middle year undertaken within industry as industrial placement. Course Tutor, Bob Young has outlined the following:

Students will be available from late June 1991 for a period of one year. During this year students are treated as employees. Pay is at the employers discretion but following national guidelines. The aim is to provide an opportunity for students to gain further experience within the golf and sports turf industry.

In addition the student will continue to undertake assignment studies and the employer will be asked to monitor a complete work experience programme.

For further details or confirmation of job availability, please contact: BOB YOUNG, SPARSHOLT COLLEGE, WINCHESTER, HANTS, SO21 2NF.

Tel: 096 272 441



From left: Mike Henson, Jacobsen's International Administration Manager; Stuart McColm, nominated the Most Outstanding Student by delegates; Tom Carter, VP; Jacobsen International Operations; and Peter Daynes, IOG National Chairman.

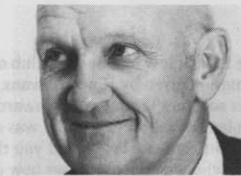
Top Student of the Year

A meteoric career pattern has emerged as a result of Stuart McColm's wisdom in taking the education path to career progression. Following spells as a greenkeeper at Inverness, Invergordon and, more recently, St Andrews, Stuart took time out to attend Oatridge Agricultural College (a G.T.C. approved college) on a full time course in Sportsturf Management. Whilst there he was voted Top Student of The Year.

Following this he was invited to attend the 2nd Jacobsen sponsored IOG Educational Seminar and was nominated the Most Outstanding Student by his fellow delegates.

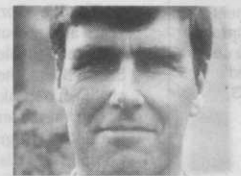
Since leaving college Stuart has worked on a Jack Nicklaus construction site in Hertfordshire and has recently returned from Germany, having successfully completed the construction of an 18 hole course. He is now managing a new division of Tunnel Land Engineering, specialists in the upgrading and reconstruction of established golf courses.

TOP SPEAKERS FOR EDUCATION CONFERENCE

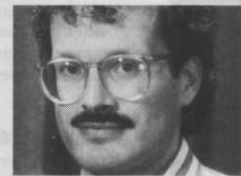


Dr Roy Goss is the first of many experts who will address the gathered ensemble at the BIGGA National Conference.

His subject will be 'The Influence of Soils and Management Practices on Anaerobic Rootzones'. Dr Goss has a degree in Agriculture, a Bachelor of Education Degree and a PhD, all from Washington State University. His field of expertise is most varied, having worked closely with golf course superintendents on problems of construction, specialised soils, drainage, turfgrass nutrition, turfgrass diseases, insects and weed control.



George Shiels is Vice Principal of Merrist Wood College and consultant to the PGA European Tour. His most recent work has focused on the creation of the first externally validated professional qualification for professional golfers with the PGA and he is currently involved in construction of PGA European Tour courses.



There can be none better than Dr Richard Gibbs, Senior Lecturer in Sportsground Management and Turf Science at Myerscough Hall, to address on his chosen subject: 'Soil Science and The Greenkeeper'. Dr Gibbs has a First Class Honours Degree in Agricultural Chemistry and a PhD in Soil Science.



Peter Jones will address us on 'Pure Sand Greens and Pencross at Collingtree Park, Northampton'. This is the exciting new course owned by the British company; International Resort Holdings Plc, where he is now Course Manager. In a golf career spanning sixteen years Peter has travelled extensively and has worked with golf course architects on both sides of the Atlantic.



Pictured at Aldwark Manor, from left: Brian Hurtley, Vice-President-Director, Kubota (UK) Ltd; David Hannam, Course Manager, Wetherby Golf Club; Andrew Boyd, Course Manager, Bridlington Golf Course; David Golding, Education Officer, BIGGA; Neil Thomas, Executive Director, BIGGA.

Kubota continues support for BIGGA

Kubota have contributed £10,000 over the past two years to help BIGGA introduce residential management courses as part of their national drive to enhance the standing of greenkeepers.

The continued support by Kubota and the Greenkeeping Training Committee will ensure that the supply of professional greenkeepers satisfies the growing demand in the ever expanding golf industry.

Attendance on the BIGGA courses allows delegates to gain credits towards completion of the Master Greenkeeper's Certificate.

David Golding, BIGGA's Education Officer, commented, 'It is only through formal training and qualifications that the standard of British and International greenkeeping will continue to improve'.

Conducting the seminars are experts from organisations such as the Sports Turf Research Institute, Time Manager International, The Health and Safety Executive and the Golf Course Wildlife Trust. Subjects covered include; the management of golf greens, tees, fairways and bunkers, together with computing for the course manager, budgeting and accountancy, health and safety, conservation, pesticide management and turf diseases.

Kubota will continue to support BIGGA in their training programmes and Brian Hurtley,

Vice President - Director, Kubota (UK) Ltd, said, 'Head greenkeepers and course managers will have an increasingly important role to play in golf clubs and BIGGA programmes not only provide expert training but also allow delegates from the UK and Europe to exchange knowledge and ideas'.

Proficient proficiency

At a time of rising costs, the Hertfordshire Proficiency Tests Committee have succeeded in maintaining stable prices for tests over the past three years.

Following recent restructuring, registration is now computerised and any previous delays now minimised, enabling them to undertake testing not only those in their own county but also applicants from neighbouring counties, up to a maximum of 50 miles radius. Pesticides and other category based tests are extremely cost competitive, with full details to be found in their current advertisement in this magazine.

AROUND THE GREEN

MID ANGLIA

The first of our winter series of events took place at Beadlow Manor Golf Club on November 27, also our AGM.

The meeting proper was preceded by a presentation given by Howard Evans, the pensions advisor to BIGGA, and this proved to be most informative and is something that I would recommend to all other sections. Thank you, Howard, for making such a long journey to be with us throughout the day.

The AGM was attended by some 30 or so members of the section and it was satisfying to see many more present after last year's poor turn out.

I will report on the AGM more fully at a later date, but can briefly tell you that all reports were approved by members present. The Committee was re-elected en bloc, with the exception of John Wells, who was elected as our new chairman, being proposed by present chairman Gerald Bruce. I am sure you will join me in thanking Gerald for his hard work during his period of office. The chairman closed the meeting by proposing a vote of thanks to Beadlow Manor for allowing us the use of their facilities.

The Christmas Texas Scramble was held at South Beds Golf Club on December 6th where a large turnout of members and guests again enjoyed the hospitality of this friendly Club. A full report will appear next month.

GEOFF SMITH



BIGGA APPROVED

COLLEGES



LANGSIDE COLLEGE

SPORTSTURF - F.T. 3 yr DR & evenings

A programme of introductory and specialised SCOTVEC modules tailored to meet the needs of Greenkeepers, Groundsmen (and women) engaged in the establishment, care and maintenance of Sportsturf and artificial playing surfaces. The course includes tractor operation, golf course construction, turf management and technology. The modular programmes are approved by BIGGA and I.O.G.

A SHORT 4 WEEK EVENING CLASS FOR CHAIRMEN AND CONVENORS OF GREENS COMMITTEES

FULL TIME SPORTSTURF S.N.C. FROM AUGUST 1991

Contact: Mr. Colin Urquhart, Langside College, 50 Prospecthill Road, Glasgow G42 9LB Tel: 041 649 4991



FIFE • REGIONAL • COUNCIL

Fife Regional Council — Education Committee

Elmwood College, Cupar, Fife

GREENKEEPERS! BOOK NOW!

★ TURF SEMINARS ★
SUNDAY 9th and 10th MARCH 1991

Choose from:

— Computers — Grass Identification —
— Conservation — COSHH —

★ GREENKEEPING CONFERENCE ★
MONDAY 11th MARCH 1991

Contact: Carol Borthwick, Horticultural Division
Tel: (0334) 52781 Ext. 224
Fax: (0334) 56795

SOUTH WEST AND WALES REGIONAL SEMINAR AT SOMERSET COLLEGE, CANNINGTON, NOVEMBER 1990

Somerset College was the venue for a gathering of 150 people in what proved to be an excellent day for our region and an encouragement to us all with students from both Cannington and Sparsholt College in attendance.

Speaking first was Nick Rigden, the Head of Horticulture at Cannington and a man who has been involved in education and training since 1968. A horticulturist trained at Writtle College, he has over the past 12 years developed a deep interest in turf culture. It was he who instigated greenkeeper training at Plumptre before moving to Somerset to bring the same to Cannington, (both being BIGGA approved centres of learning) and he was able to give us an insight into his greenkeeper training programme.

Next was Peter Wilson who, as Chairman of the EGU Golf Course Committee, gave a paper on The Way Forward. Peter, who started his golf at Ganton, was a scratch player for many years and a county player for both Yorkshire and Lancashire. His commitment to golf has been remarkable, with one of his main interests being handicapping. As a member of the BIGGA Board, the R & A Greenkeeping Panel and Chairman of the STRI there could be none better qualified to speak on The Way Forward and his most enlightening paper was well received.

Our third speaker was Dr Peter Hayes, who is Director of the STRI and a serving member of the USGA Turfgrass Research Committee, the Greenkeepers Training Committee and the NTC Committee. His long specialist experience in grass and golf course agronomy was much in evidence and his address on the research work carried out by the STRI was clear and precise, leaving no one in doubt that here was a man on top of his profession.

Following a lively question time with an excellent lunch, we moved to the address given by Roy Brighton. As a key figure in Time Manager International, an organisation dedicated to encouraging people of all levels to make better use of their time and talents, Roy's paper - Management of Time and People - was so good that no one could take their traditional afternoon nap! He is so full of enthusiasm and wit that you just have to sit up and take notice, and his accuracy is such that everyone at some time must have felt a twinge of conscience. Roy is one of very few who can make 45 minutes feel like no time at all.

Jack McMillan, our last speaker, needs no introduction. Having now joined the International Golfers Club following nine years as head greenkeeper at Sunningdale, Jack advises and helps young greenkeepers. With his wealth of experience gained whilst travelling the world, he was an ideal choice to talk on The Changing Face of Greenkeeping.

After question time the day ended with BIGGA Chairman Ivor Scoones giving special thanks to Somerset College, the traders who took part, myself in the chair and to SISIS, who sponsored the seminar.

GORDON CHILD

SOUTH WALES

December 12 saw the occasion of our AGM and Christmas Competition at Pyle and Kenfig Golf Club, held due to the generosity of the committee of the Club, to whom we offer our thanks.

The AGM was well attended, with retiring chairman, Huw Morgan, opening the meeting before handing over to Hugh Parry, the new chairman for 1991. Steven Evans was voted in as vice-chairman with Phil Swain remaining as administrator and taking over the finances from Paul Robinson. Paul held this job for over 14 years and in recognition of his great contribution he was presented with a tankard by grateful members.

Huw Morgan is now chairman of golf and the social sub committee, taking full control of the handicapping in the hope of cutting down the number of 'bandits'. Steven Evans is chairman of the education sub committee and will be responsible for organising lectures and seminars. He insists that they will be well attended, a view endorsed by this reporter!

We shall be holding a knock-out competition from April through September and details may be found in September 'Around The Green'. The closing date for entries is Feb 28th, with an entry fee of only £3.00. Let me know if you are interested.

The competition results were as follows: Winner of the Vitax Shield and decanter and glasses - donated by Allan Stow - L Hallett with 36 points. Second; M Stokes with 35, followed by T King (35), H Parry and H Morgan (33), I Morris and B Price (32) M Jones (31), and P Long, T Thompson, and B Kitcher all with 28. All players from second through twenty fifth received a bottle from the prize table and we are thankful for the prize donations received from Vitax, Avoncrop, Birds, Munro's, Rigby Taylor, Celtic Mowers, Maxwell Hart, Sta-Brite, Colin Murphy, Tacit, Euroturfcare and Westernlogs.

The only player to score two on a par three was L Walter and he received a prize of golf balls. Our funds were swelled by a successful raffle and our thanks go to Colin Murphy for doing such a grand organising job.

We would be the poorer without trade support and I extend sincere thanks to all who supported us throughout 1990 - long may you continue with your generosity.

Finally we were sorry to learn of Steve Elms departure from Tredegar Park and wish him well in the future. His departure heralds a change for yours truly, who is taking over at Tredegar Park - it's all swings and roundabouts in 1991!

PHILIP SWAIN

● Continued on Page 50

There's nothing to beat a **TORO** Greensmaster 3000

We look forward to meeting you on **STAND A53**

... Where you will see something completely **new** from the world leaders in Turf Management Eq.

... so say 1000's of users throughout the world. The Greensmaster petrol or new diesel model with 'unique' towed cutting units ensures precise, uniform height of cut for quite exceptional appearance and, above all, superb playing characteristics.

Have a test run working under your conditions, get behind the wheel and see how effectively the Greensmaster literally 'flows' over the green cutting consistently at heights from 2.4mm to 17.5mm.



TORO Groomer Reels can be fitted to most Greensmasters.



Ask for a trial run now plus details of other models in the TORO range including the Greens Aerator and Sand Pro.

LELY (UK) LIMITED
Station Road, St. Neots,
Huntingdon, Cambs PE19 1QH
Tel: 0480 76971 Telex: 32523
Fax: 0480 216167



in a class of their own



DX Tee Ground Mats

Aldwark Manor is the home of BIGGA... it is also the hotel golf course upon which Maxwell Hart have recently supplied SOKO DX Tee Ground mats for every single teeing area, this following year long trials of the DX mats on selected tees.

This most popular winter mat, for which Maxwell Hart are sole UK distributors, is available in two sizes - 90 mm x 1800 mm x 15 mm and 1250 mm x 2000 mm x 15 mm - and includes a design that incorporates the highest specification nylon artificial turf pile, integral rubber shock padding and tee peg holders and slots that are incorporated into the structure. The result is a mat that is spike resistant, offering excellent club head/turf pile interaction.

● Pictured above at Aldwark Manor, from left: Richard Gamble; Head Greenkeeper, Andrew Law; Maxwell Hart Northern Area Manager, David Golding; BIGGA Education Officer, John Taylor; Maxwell Hart's Northern Sales Manager, Geoff Platt; Golf Director, Aldwark Manor (with club in hand).

Westurf '91

The South West and South Wales Region of BIGGA have a knack of doing things with flair and style and the WESTURF Turfcare Trade Exhibition, now approaching its third successful year, is no exception. Born of a desire to actively promote a regional exhibi-

tion especially for those in the West and South West, the exhibition has established itself as one that rises to the big occasion whilst still retaining the friendly element of a county fair.

This year sees the prospect of WESTURF 91 being both bigger and better than ever before, with the promise of both local traders and many internationally known manufacturers in attendance.

Firmly established at the easy to reach location of Long Ashton Golf Club, Bristol, the event will again take place there on 1 May from 10.00 am to 5.00 pm.

Unlike so many exhibitions, WESTURF 91 is a show where costs are kept within very acceptable limits and it is to the credit of organiser Gordon Child that this year sees the inclusion of a stand manned by The Institute of Groundsmanship, for the bond between greenkeeper and groundsman is one to encourage and nurture.

There is still time for traders, local and international alike, to take space and a call to Gordon Child will bring full details. To coin a phrase of Gordon's, 'the trade wanted it, the public have delighted in it and the region thrives on it'. It should not be missed!

Call Gordon Child on 0803-844056 for more details.

Kawasaki brochure

Kawasaki advise us that a brochure, entitled, 'Recommended Replacement Engines' has recently been pro-



duced, listing a wide variety of commercial equipment and offering suggestions of suitable Kawasaki engines that will replace an original fitment.

Noisy equipment is not easily tolerated and a solution may be found by fitting a larger capacity engine that produces the necessary power but at lower operating speeds than the original. The Kawasaki FC Series of vertical shaft OHV engines are very compact and can therefore often replace smaller capacity units, giving the operator more torque for less noise - while in addition Kawasaki has paid careful attention to noise reduction.

Rufford's new range

Rufford Top Dress Supplies Ltd is a name totally familiar to BIGGA members, not only as suppliers of fine products but also as one of the Association's more generous sponsors.

We at Greenkeeper International are always pleased to publicise a success story and never happier than when broadcasting one that involves BIGGA sponsors, for we feel in some small way we share in their success. Thus we take pleasure in learning that following the opening earlier in 1990 of their new and now fully operational quarry at Warrington, Rufford quite justifiably boast a complete range of products that will meet the most diverse needs of any Golf Club.

The 'Number Two' range, produced at their Warrington quarry, comprises top dressings, soils and sands, all of which are now well established.

Recent scientific tests have confirmed the high quality of the materials at the Warrington Quarry and two championship courses have already used the Rufford 'Number Two' dressing.

The new quarry at Warrington is vastly larger than the Rufford Quarry, with enormous reserves of soil and sands and with the installation of modern processing plant is able to grade sand to produce an ideal product for all types of drainage, hollow tining, bunkers and also as an ideal product for dressing sand-only greens.

Commenting on the new range, Managing Director, Peter Jefford said 'with the development of a courser top dressing, Rufford 'Number Three', being available shortly; and with individual requirements becoming more specific, we can now satisfy most needs'.

This means that Rufford not only provides a full range but also a number of choices to suit customer budget and course stipulations. They guarantee a consistency of quality and service for a minimum of

twenty years.

BIGGA/ICI 'plan' together

In a unique collaboration with BIGGA, ICI Professional Products have produced a free 1991 work planner for every member.

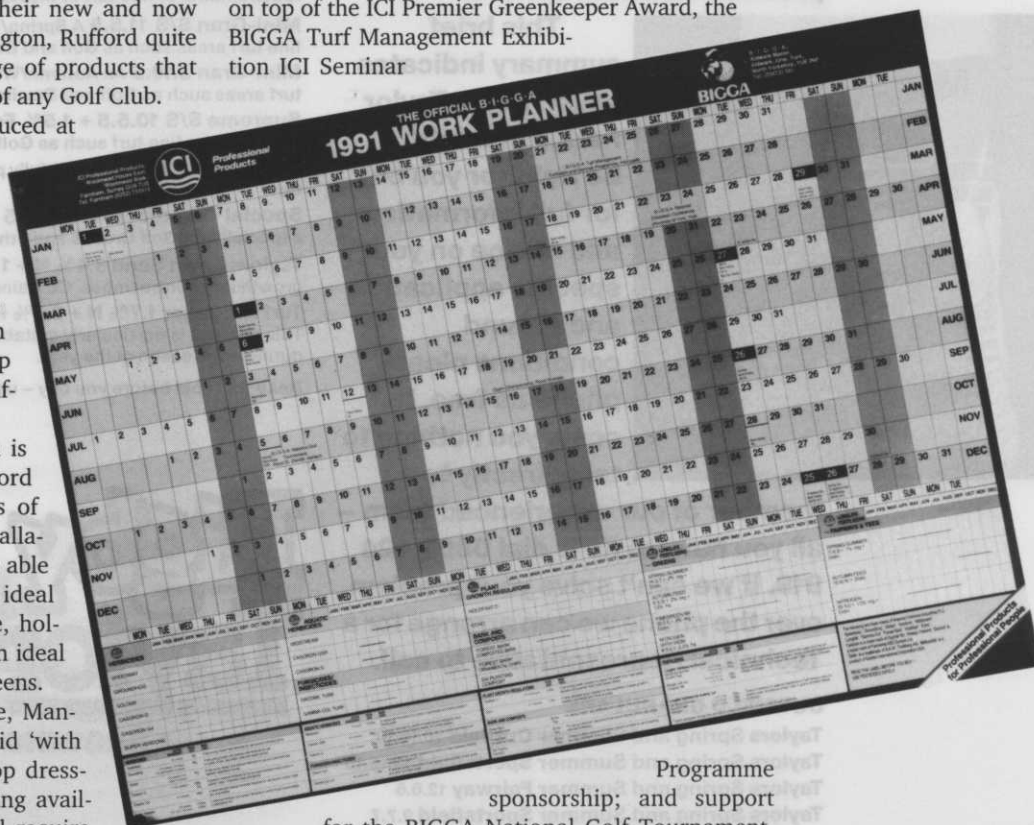
This colourful 30" x 20" wall planner illustrates the complete year at a glance and highlights all major BIGGA events. In addition, a valuable seasonal guide to the use of pesticides is featured together with details of products and their chemical active ingredients.

Double laminated, the work planner is both hard wearing and resistant to moisture, making it suitable for workshed or office use. The planner may be written upon and can be wiped clean if a dry felt tip is used.

Announcing its introduction, Neil Thomas; BIGGA's Executive Director stated: 'Once again ICI Professional Products have initiated a major new work aid for greenkeepers. This complete planner may be used as a work activity, appointment or holiday record aid, it highlights important dates and is an immediate source of product use information'.

'This new and exciting ICI initiative comes on top of the ICI Premier Greenkeeper Award, the BIGGA Turf Management Exhibition ICI Seminar

**TRADE
TOPICS**



Programme sponsorship; and support for the BIGGA National Golf Tournament. There is no doubt that ICI Professional Products are not just taking from our industry but ploughing back a great deal of money, expertise and enthusiasm into important areas like education, training and industry development. They fully deserve our support in return'.

TALK TO RIGBY TAYLOR

Information for Professionals

FERTILIZERS

Whatever your turf requirements the team at Rigby Taylor will be pleased to discuss a Fertilizer that's just right for the job. Through experience and careful control we've created a wide range of turfcare products – but deciding which one is best for you, needs careful selection if it's going to provide maximum benefit.

This brief summary indicates which Rigby Taylor Fertilizer might be right for you but for full information and advice on your specific application and ground conditions please phone us free. It costs you nothing to talk directly to a

member of our experienced team – all you have to do is dial 0800 424 919. If we can't solve your problem over the phone we can arrange for a Technical Representative to call.

OUTFIELD GRANULARS

Taylor's Spring and Summer Outfield 20.10.10
Taylor's Spring and Summer Sportsfield 10.15.10
Taylor's Spring and Summer Fairway 12.6.6
Taylor's Spring and Summer Sportsfield 9.7.7
Taylor's Spring and Summer 27.5% Nitrogen
Taylor's Spring and Summer 7.7.7
Taylor's Pre-Seeding Fertilizer 6.9.6
Taylor's Autumn and Winter Sportsfield 3.12.12

MASCOT MICROFINE (Nitrogen derived from IBDU)

18.0.0 + 6% Fe A high Nitrogen Spring/Summer Fertilizer.
14.4.7 + 2% Mg Specially designed to provide balanced nutrition for turf.
12.0.6 + 2% Fe + 2% Mg Specially formulated for Spring/Summer use on fine turf, producing a growth response within seven days of application.
8.0.0 + 4% Fe + 2% Mg A Spring/Summer Fertilizer, with extra iron for green up and hardening of turf.
4.0.8 + 2% Fe + 2% Mg Formulated for use as an Autumn/Winter feed.

FINE TURF FERTILIZER

S/S2 14.2.7 + 1% Mg An Organic fine turf Fertilizer, formulated with an analysis to comply with modern approach to the nutritional requirements of fine turf in the Spring and Summer.
A/W2 4.4.8 + 2% Fe An Organic fine turf Fertilizer, formulated with an analysis to comply with modern approach to the nutritional requirements of fine turf in the Autumn and Winter.

Mini-Gran S/S 11.5.5 A Spring/Summer Fertilizer designed for fine turf areas such as Golf and Bowling Greens.

Mini-Gran 3.10.5 An Autumn/Winter Fertilizer designed for fine turf areas such as Golf and Bowling Greens.

Supreme S/S 10.5.5 + 1.5% Fe A Spring/Summer Fertilizer. Balanced for fine turf such as Golf Greens, Bowling Greens etc.

Supreme A/W 3.9.6 A carefully prepared Autumn dressing for fine turf.

Special Organic 'N' 8-0.5-0.5 + Fe Finest materials blended especially for Golf Greens and other fine turf areas.

Taylor's Lawn Sand 5.4% N + 1.5% Fe Designed to promote growth and control moss. Contains ferrous sulphate.

Turf Hardener 1.7% N + 2.5% Fe + Mg + Trace Elements
This product is particularly suitable for Autumn but may be used during any Season of the year.

Read the label before you buy – use pesticides safely.



Rigby Taylor



A GROWING FORCE IN LEISURE

AD
REF
127

Don't forget!

– you can talk to us free on **FREE 0800 424 919**

Let us SPRAY



The Hardi 300 Amenity Sprayer, mounted on a Cushman



JON ALLBUTT questions the unfortunate tag of 'that nondescript piece of a small agricultural unit' for sprayers –

and suggests what to look out for when buying new

SPECIFICATION FOR A NEW SPRAYER

- 1 A sprayer that will be compatible with a Cushman, tractor etc, and one that is easy to fit.
- 2 Controls that are positioned in such a way that you don't rick your neck when checking pressures or switching on and off.
- 3 A balancing valve on each boom control to stop a pressure surge when you switch one or more boom sections off in a narrow space.
- 4 A pump capacity to give from 250 to 1,100 litres per hectare at 2 bar pressure.
- 5 Diaphragm check valves for drip free spraying.
- 6 Nozzle triplets fitted to the boom to save fiddling with nozzle changes each time you change products and water volumes.
- 7 A selection of nozzles to give the wide range of outputs listed in 4), with an easy to follow reference chart!
- 8 Made of rugged construction with fittings that don't leak!
- 9 Bout markers to make an easy job of spraying irregular shapes accurately. Whoever heard of the perfect rectangular fairway or green?
- 10 A cage or basket to hold the pesticide safely and allow mixing away from the yard.
- 11 A fresh water bottle on the side for washing hands on site.
- 12 Available from a supplier who has a good, fast spares service.
- 13 Boom end guards to stop the inevitable damage to end nozzles on uneven ground.

It seems to me we never give the choice of sprayer the same amount of thought as, say, choosing a new mower or tractor. The sprayer is often part of a package, or a nondescript piece of a small agricultural unit. Sometimes we even opt for something that is second hand and usually cheap!

All that has changed now; for we need to know so much more about the task of spraying, perhaps not out of choice, but because new legislation has required us to be properly trained. Now we look at our old sprayer with new eyes; there it sits in the yard or shoved into a corner, the pump still attached and not cleaned out since it was last used. What was it used for? Can't remember!

Now that we see the shortcomings of the unit we wonder how on earth we managed to get away with it.

We now understand terms like calibration and spray quality, we can pick a nozzle to give the right output in litres per minute. In many cases the sprayer is, and always was, inadequate for the job and we appreciate the need for a unit that will meet the requirements of the Code of Practice. Our priority is to do the job quickly and accurately using a pressure and spray quality that will avoid drift problems - even if the wind speed is just a touch higher than it should be.

There are a number of sprayers available now with a range of different features. The problem is to choose the right features that will do the job within the budget.

'...The sprayer needs the flexibility to apply widely different water volumes and travel over some very uneven ground...'

In amenity horticulture, and greenkeeping in particular, the sprayer needs the flexibility to apply widely different water volumes and travel over some very uneven ground. In making a decision you might use the specifications Page 29 as a guide, circulate it amongst suppliers and wait to see what they offer.

Allman have a range of sprayers to fit most vehicles, including the Cushman. They are often basic and need extras to make them flexible enough to cope with all turf situations. There are two ranges of nozzles available, high and low pressure, so be careful when ordering. Remember the objective is to have water volume output and spray quality specified on the label at the lowest pressure. Unless you specify, your sprayer is likely to be delivered with high pressure nozzles.

After many trials and discussions with greenkeepers, Hardi have just launched their new 300 Amenity Sprayer designed to fit the Cushman and incorporating all the above points. The interesting thing is that it is not an all-new sprayer with untried components, rather it used the best of their agricultural range put together to give an easy to operate machine of high quality. Hardi score a first by incorporating a bout marking system on a sprayer priced at under £2,000. Hardi offer several pump options, the most useful being the RP*** Roller Vane unit. This has several

advantages in that it is easy to put on and off, simple to clean and delivers more than 1,000 litres per hectare at low/mid pressure. Ideal for spraying wormkiller, fungicides, wetters, fertilisers and soil conditioners.

For those sites without a Cushman, Hardi offer the BL300 to the same spec to fit any tractor. With minor modifications, it may also be used as a trailed or skid mounted unit.

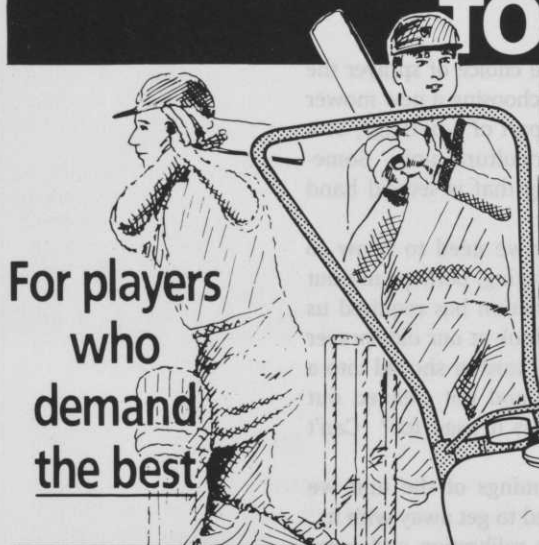
Where larger sites suggest a bigger unit, look at the Hardi NK range with a larger tank and boom, together with the same controls.

Electronic controls are available as an optional extra, enabling these to be brought into the cab for easier use and greater safety.

At the most recent IOG Show, Ransomes were showing a new sprayer from the USA, designed to fit the Cushman. At that time it had not been completed for the UK market, having no operator handbook or details of pump output and nozzles. I expect these to all be well sorted out in time for the new spraying season.

● The author is a technical consultant to the leisure and amenity industry. He is perhaps best known to greenkeepers as a technical trainer of those who apply pesticides, and in assisting with COSHH assessments.

THE PROFESSIONAL APPROACH TO PRECISION SPRAYING



For players who demand the best

QUALITY BUILT for ACCURATE and FAST SPRAYING of fertilisers, fungicides and weedkillers on FINE TURF



To meet the demands of professional groundsmen, this elite British-made product is specifically designed for extremely accurate and economical treatment of fine turf areas – saving time, effort and money. The unique, maintenance-free Walkover pump, powered by the forward movement of the wheels, applies a full tank of liquid at walking pace from 600 to 1,000 sq. yds. Four pneumatic tyres distribute its weight to ensure no velvet sward can possibly be defaced. No engine to service... No running costs.

- Fully adjustable handle height
- 36 inch spray width
- 25 litre tank capacity
- £529.95 inc. VAT



WALKOVER
SPRAYERS
by ALLEN

Send for our full range of WALKOVER TURF CARE MACHINES

Allen Power Equipment Ltd,
Dept G1, The Broadway, Didcot,
Oxon OX11 8ES. Tel. (0235) 813936.

Allen Power Equipment Ltd, Dept G1, The Broadway, Didcot, Oxon OX11 8ES.
Please send Allen Walkover details

Name _____
Address _____
Postcode _____

Telephone _____
Tick if demonstration required G.I. 1.91