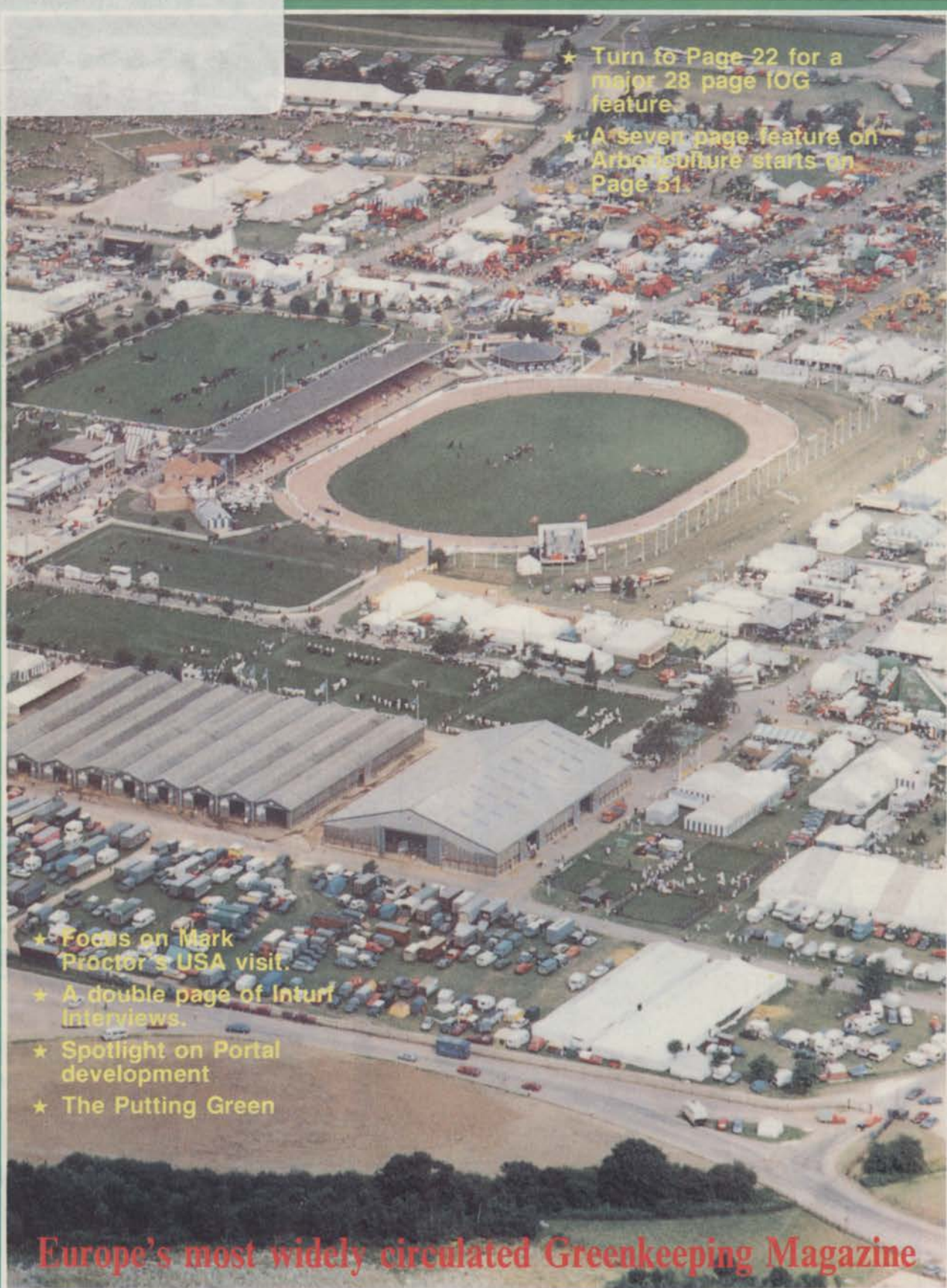


# GREENKEEPING

M A N A G E M E N T



- ★ Turn to Page 22 for a major 28 page IOG feature.
- ★ A seven page feature on Arboriculture starts on Page 51.

- ★ Focus on Mark Proctor's USA visit.
- ★ A double page of Inturf Interviews.
- ★ Spotlight on Portal development
- ★ The Putting Green

Europe's most widely circulated Greenkeeping Magazine



THE OFFICIAL PUBLICATION OF THE BRITISH AND INTERNATIONAL GOLF GREENKEEPERS ASSOCIATION

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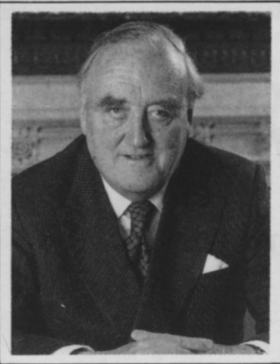
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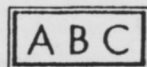
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● Our front cover gives a bird's eye  
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## In my view . . .



WITH  
EDITOR  
MIKE McCLENNAN

IT'S marvellous to be part of a real success  
story, and editing Greenkeeping Manage-  
ment certainly falls into that category.

Although the magazine is barely a year old,  
its growth in the UK industry has been  
phenomenal.

Just consider the facts:

1. Greenkeeping Management has a  
verified ABC circulation figure of 8,864.
2. It reaches almost 4,000 BIGGA members  
each month.
3. It can boast 1218 subscribers.
4. It reaches many parts of the globe – the  
United States, Japan, Korea, Taiwan, the  
Canary Islands and even Yugoslavia and  
Czechoslovakia.

Greenkeeping Management can rightly  
claim to be the leading greenkeeping publica-  
tion and the years ahead look set to see the  
magazine capture even more of the market.  
This can only be good news for readers and  
advertisers alike, who are seeing a quality pro-  
duct packed full of news and features  
presented in a hard-hitting style.

I make no apology in singing the praises of  
Greenkeeping Management at a time when  
so much confusion reigns in the field of several  
golf publications.

Advertisers and subscribers alike could be  
forgiven for wondering just what is going on.  
We have recently seen The Golf Course cease  
publication without any advance warning to  
subscribers (see my open letter to  
greenkeepers on this subject further on in the  
magazine) and miraculously re-appear as part  
of Amateur Golf – the official publication of  
the English Golf Union. Very puzzling!

Then we hear of Turf Management being  
expelled by the Audit Bureau of Circulations  
for a breach of rules – (read about it inside)!

Again advertisers and subscribers are left  
to ask why.

Small wonder that more and more  
greenkeepers and advertisers are turning to  
Greenkeeping Management to meet their  
needs.

At a time when so many questions are be-  
ing left unanswered elsewhere Greenkeeping  
Management continues to prove itself a win-  
ner with everyone.

And, as editor, I take pride in the product  
and look forward to the future with confidence.

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N°1**

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The **BIGGA**  
Exhibition in  
Harrogate next  
January  
promises to be  
a premier  
showcase for  
the  
Greenkeeping  
Industry.

Don't miss it!

Contact Debbie  
Savage now!

## THE BIGGA TURF MANAGEMENT EXHIBITION

23rd - 25th January 1991, Harrogate, North Yorkshire

### PRE-REGISTRATION

SAVE TIME AND MONEY and ensure automatic price draw entry\* Entry into Exhibition by Catalogue £2.50. If you complete and return this postage paid reply card you will automatically be pre-registered, handed your catalogue and identification badge at the entrance and **admitted without charge.**

I will be attending and wish to receive details of:

(a) The Exhibition

(b) The Seminar Programme

commences 21st January

(c) Both  
EXHIBITION

If your organisation has not already booked space and wishes to exhibit goods or services please tick in:

(d)  
ACCOMMODATION

INTEL Ltd bring their considerable experience to our official booking agency. Please indicate the type of accommodation required and show the number of nights and beds needed.

(e) Hotel

(g) Nights

(f) Guest House

(h) Beds

single

twin

double

Name (Block capitals please).....Occupation.....

Address of Employer.....

Post code.....

\*Prize winners will be announced and prizes must be collected during the Exhibition.

Get Educated

Get to  
Aldwark this  
October/  
November

Contact  
David  
Golding now!

## MANAGEMENT COURSES OCTOBER/NOVEMBER 1990

### Get on course to manage better!

Following the success of the 1989 management courses held at BIGGA Headquarters, Aldwark Manor, the courses are to be repeated this coming autumn/winter.

Weeks 1, 2 and 3 will be very similar to last year with slight modifications. Last year's delegates wishing to return to BIGGA headquarters will have the opportunity in week 4 with a specially designed week to follow on from their first course. Priority will be given to delegates who attended the 1989 series to attend this week.

Full Board accommodation, based on two persons sharing room will be £173.75 plus VAT - £200.00 Total. Please make all cheques payable to BIGGA.

Eight Master Greenkeeper Credits will be issued per week.

Please indicate week number preferred:

WEEK 1 22-26 OCTOBER-INCLUSIVE  WEEK 2 29 OCTOBER- 2 NOVEMBER INCLUSIVE

WEEK 3 5-9 NOVEMBER INCLUSIVE  WEEK 4 12-16 NOVEMBER INCLUSIVE

Please register.....person(s) for the management courses.

Name.....

Address.....

Signature.....

I understand that the cost is based on two persons sharing.

British and International Golf Greenkeepers Association,  
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**Attention all  
businesses.**

**The BIGGA  
Exhibition is a  
MUST!**

**Thousands of  
potential  
customers will  
be in Harrogate  
next January.**

**Contact  
Debbie Savage  
now!**

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**Get Educated**

**Get to  
Aldwark this  
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**Contact  
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Golding now!**

## HEAD OFFICE

I am pleased to advise members that following discussions with the Institute of Groundsmanship, a joint trip has been arranged to the 1991 GCSAA Conference and Show, to be held in Las Vegas.

Las Vegas, the entertainment capital of the world is situated 350 miles east of Los Angeles in the Nevada Desert and is full of top class hotels, casinos, and countless restaurants providing excellent meals at reasonable costs.

The Hotels chosen are the four star Riviera Hotel and Casino, situated on the central part of the Las Vegas strip within ten minutes walk of the Convention Centre, where the GCSAA event is to be held, and the two star Motel Comfort Inn, situated close to the airport, about 20 minutes walk away from Las Vegas Boulevard, where regular transport for the strip hotels and Convention Centre can be found.

An application form is available from headquarters office and must be returned by **30 September** with a deposit of £100 per person. Ring Samantha on 03473 581/2.

### Details

**Duration:** Seven days (optional extension to Phoenix – three days – see below).

**Airline:** Northwest Orient – flying via Minneapolis – approximate flying time is eleven hours.

**Approximate Times:** 6th February, depart London Gatwick 13.00 hrs, arrive Las Vegas 20.50 hrs local time.

**Return:** 13th February, depart Las Vegas 11.30 hrs, arrive London Gatwick 7.40 hrs following morning. Transport to and from hotel is included in the package.

**Hotels:** Riviera Hotel and Casino, 2901 Las Vegas Boulevard South, Las Vegas.

The Riviera is the most entertaining and unique resort on the Las Vegas strip offering more shows than any other hotel in town, eight dining facilities, outdoor olympic size pool and a health club. Celebrating more than thirty years of resort excellence in the heart of the strip, the Riviera combines the glamour of Las Vegas with its spectacular shows and special events.

### DEREK GANNING

**D**EREK Ganning, the man behind the re-structuring of The Belfry in the 80s, has been awarded the British Empire medal in the Queen's birthday honours list.

Derek's award "for hard work in preparing the course for the last two Ryder Cups" – his words – is a great fillip for the greenkeeping profession in this country.

It comes at a busy time for this quiet hero. For, besides heading the greenkeeping team at The Belfry, Derek is also heavily involved in a course building project at Mottram Hall, near Prestbury involving a new 18 hole course.

Derek (50) forged his links with greenkeeping while in the forces. He started as a sports storeman/groundsman maintaining sports pitches 30 years ago.

BIGGA and Greenkeeping Management send Derek warmest congratulations!

# Las Vegas bound?



Neil Thomas.

## IOG/BIGGA EDUCATIONAL VISIT TO THE GCSAA INTERNATIONAL GOLF COURSE CONFERENCE AND SHOW FEBRUARY 6th TO 13th, 1991

Situated one mile from the airport and twenty minutes walk from Las Vegas Boulevard, the Comfort Inn South 5025 Koval Lane is an average United States Motel with good sized rooms, own bathroom and swimming pool. Coffee and cakes are available free each morning. Coffee houses with breakfasts from \$1.99 are to be found within ten minutes walk. It is a good value hotel for those not requiring the constant jangle of slot machines.

### Package Number 1 Cost per person

Seven nights Riviera Hotel in twin room £628 per person. Single room supplement £220. Children sharing parents' room up to 12 years old £330.

### Package Number 2 Cost per person

Seven nights Comfort Inn Las Vegas South £525 per person. Single room supplement £110. Children sharing room £220.

Overnight accommodation at Gatwick will be reserved if required at the Wentworth Lodge.

Insurance: At nine days, including £1,000,000 medical cover. Cost £25.00. To include optional extension £32.00.

Car hire rates to be confirmed nearer the date of travel. Car hire is not considered essential due to easy access to all facilities.

Tea, coffee and biscuits will be provided on arrival.

### Weather

Although in the desert Las Vegas can be cold in the winter, with temperatures around 5c-10c, therefore ensure warm clothing is packed.

### Optional Extension

For those with time to spare a three day excursion to Flagstaff, Grand Canyon Indian Reservation country and Phoenix by coach will leave Las Vegas on Wednesday 13 February at approximately 9.00 a.m. An overnight stop will be made at Flagstaff before continuing to the Scottsdale area, which is the resort area of Phoenix and situated in the east of the city. During the visit you can travel down the Sedona Valley, famous for its Indian heritage and outstanding scenery.

Return to UK Saturday 16 February direct from Phoenix, arriving at Gatwick on Sunday morning. Cost approximately £130.

### Excursions

Any trip to Las Vegas is incomplete without a visit to the spectacular Grand Canyon. In view of this, we are arranging to fly the 280 miles to Grand Canyon airport with considerable low flying over the canyon and a continuous commentary. On arrival transfer to coach for coach tour of south rim. A lunch stop will be made along the canyon, which is included in the price.

Approximate cost £95 including transfers.

Lake Meade/Hoover Dam.

Situated 25 miles from Las Vegas this is the world's largest dam built during the 1930s and bridging the Colorado river. Behind the dam is Lake Meade which stretches for 200 miles.

Approximate cost £30.

In addition, arrangements are in hand for members of the group to make educational visits in the local area including a visit to the University of Nevada to tour the campus arboretum and xeriscape (drought tolerant) test gardens.

NEIL THOMAS  
EXECUTIVE DIRECTOR

## North Wales Section of BIGGA?

**F**OLLOWING a meeting with North Wales members held at the Welsh College of Horticulture in April to discuss the possibility of forming a North Wales Section, a golf day has now been arranged on Wednesday 26 September at Prestatyn Golf Club to take this matter forward. All greenkeepers from the North Wales area are invited to attend the golf day.

An 18 hole golf competition will commence at noon and a meeting will take place at 5.00 p.m. Non-golfing members are most welcome to the meeting where it is hoped that a committee will be formed. Any interested Chairmen of Green and Secretaries are also invited to participate in the day.

The cost of the day will be £7.50. This covers the cost of soup and sandwiches on arrival and the evening meal. Please register your intention to attend by ringing Samantha or Debbie at headquarters, telephone 03473 581/2.

# NEW MEMBERS

## Welcome to our New Members

**GREENKEEPING MANAGEMENT** is always happy to tell the world of success stories throughout our profession. And when the need arises we'll not be above a little trumpet-blowing on our own behalf. One such success story is the remarkable growth in our membership. **BIGGA** is very proud indeed to welcome those new members listed here. To them all we extend the hand of friendship and professionalism – built on a solid foundation of growth and understanding of all that is so good within this fine industry.



THE OFFICIAL PUBLICATION OF THE  
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GOLF GREENKEEPERS ASSOCIATION

|                        |                                   |
|------------------------|-----------------------------------|
| Adam, Sidney W.        | Stonehaven Golf Club              |
| Adby, Simon G.         | Ifield Golf Club                  |
| Aldrich, Spencer       | Romsey Golf Club                  |
| Almey, Christopher J.  | Market Harborough Golf Club       |
| Anderson, Barry        | Toft House Hotel                  |
| Anderson, Mark C.      | Broadstone Golf Club              |
| Anderson, Moray        | Helensburgh Golf Club             |
| Anthony, Derek W.      | Duff House Royal Golf Club        |
| Arnold, Graham         | Reigate Health Golf Club          |
| Ashby, Roger           | Broadway Golf Club                |
| Aspinall, Mark         | Doncaster Golf Club               |
| Austin, John           | Bradford Golf Club                |
| Aylwin, Nick A.        | London Kosaido                    |
| Bailey, Antony         | Hillside Country Club             |
| Bailey, Robert W.      | Salisbury & South Wilts Golf Club |
| Bainbridge, Andrew     | Macclesfield Golf Club            |
| Bakewell, Eden A.      | Seedy Mill Golf Club              |
| Ball, Malcolm          | Sheffield City Recreation         |
| Bannock, Paul          | Abridge Golf Club                 |
| Barber, Andrew M.      | Worcester Golf & Country Club     |
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| Barclay, Scott         | Cardross Golf Club                |
| Bardwell, Robert       | GC Reichertshausen                |
| Barham, Richard J.     | East Berkshire Golf Club          |
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| Beaton, Kenneth        | Turriff Golf Club                 |
| Bedford, Jamie P.      | Birstall Golf Club                |
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| Birch, Craig           | Royal Birkdale Golf Club          |
| Bishop, Robert E.      | Gloucester Hotel & Country Club   |
| Bottomley, Michael G.  | Dave Thomas Ltd.                  |
| Bowler, Simon          | Liphook Golf Club                 |
| Boyd, Patrick A.       | Puttenham Golf Club               |
| Bradley, Craig         | Broadstone Golf Club              |
| Braithwaite, Andrew    | Holme Hall Golf Club              |
| Braund, R.             | Budehaven Recreation              |
| Brazier, John          | Telford Hotel Golf & Country Club |
| Broadley, Roland       | Coventry Golf Club                |
| Brown, Jason           | Kyle & Carrick District Council   |
| Bryant, Robert D.      |                                   |
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| Bullock, Paul N.E.     | Oakdale Golf Club                 |
| Burnley, Neil          | Beverly & East Riding Golf Club   |
| Burns, Steven J.       | Cunninghame District Council      |
| Burridge, David C.     | Walmley Golf Club                 |
| Burt, Keith L.         | Wrexham Golf Club                 |
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| Cale, Paul             | Belton Woods Golf & Country Club  |
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| Cameron, Martin        | Elgin Golf Club                   |
| Campbell, Mark         | Sandmoor Golf Club                |
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| Cox, Robert P.         | London Borough of Ealing          |
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| Cushing, Christopher   | Knebworth Golf Club               |
| Dennison, Anthony      | Sheffield Recreation Dept.        |

## IMPORTANT ANNOUNCEMENT FREE Reader Reply Service

Since Greenkeeping Management was launched in June 1989 I have offered this service for the benefit and convenience of our readers and of course to the advantage of our advertisers.

Evidence of this being the many hundreds of replies forwarded to advertising companies. This month, for the first time I am enhancing the service by carrying this alphabetical index of advertising and participating companies.

I hope you are able to make use of this service. However, if you have any suggestions as to how it could be improved please contact me at Greenkeeping Management.

Thank you  
BILL LYNCH Sales Director

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In addition to the above in this month's issue two special features appear. One concerning arboriculture and the other is a major preview for the Institute of Groundsmanship's Exhibition being held this year for the first time at Peterborough.

The arboriculture feature appears between Pages 51 and 57 inclusive and includes the following companies:

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The I.O.G. Show preview appears between Pages 22 and 49 inclusive. A comprehensive index of the advertisers and participating companies within the preview can be found on Page 27.

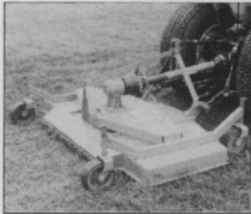
**You can find the pre paid reader reply card facing page 68. Simply fill it in and send it to us. It will quickly be forwarded to the company/companies involved.**

To be continued next month . . .

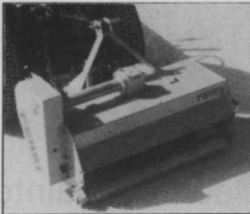




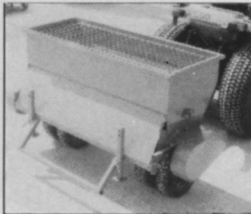
## If you've got one of these...



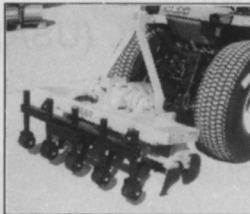
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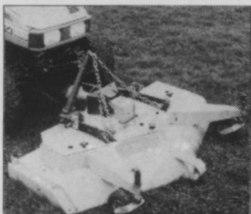
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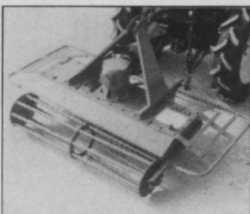
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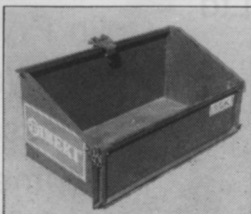
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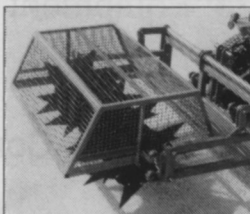
FRONT MOWER



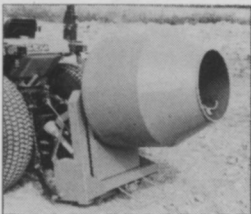
ROTARY HARROW



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POWER LEVEL



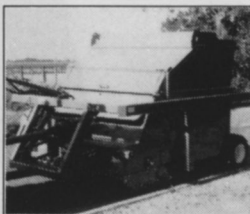
CEMENT MIXER



GRADER



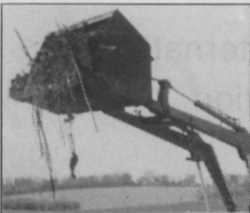
BACKHOE



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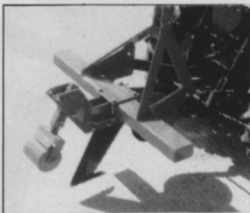
TIPPING TRAILER



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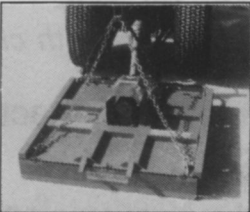
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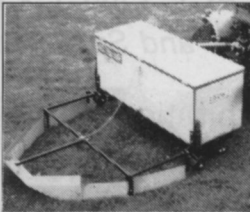
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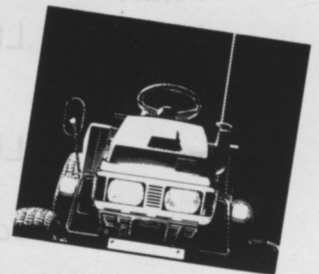
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*Exhibition and Seminar Schedule*

Mon 21 & Tues 23: All Day Seminars and Workshop Sessions.  
Wed. 23, Thurs 24, and Fri 25: Exhibition and General Seminars.

# Flying visits were a dream opportunity

**T**HE 1989 'Young' Greenkeeper of the year, Mark Proctor, certainly enjoyed his visit to the United States of America and for some lucky greenkeeper presently attending an approved greenkeeping college course, much of this awaits him or her in early 1991.

The Toro Scholarship will surely become an incentive for all student greenkeepers and I hope in reading Mark's diary, those youngsters nominated by their "Approved College" look forward to selection day on October 15 . . .

**MIKE McCLENNAN**  
EDITOR

"Having arrived at the University of Massachusetts very tired, hungry and relieved after the flight I thought to myself what am I doing here? It's freezing cold, I don't know anyone and my family - including new born son - are thousands of miles away. It could only get better and thankfully, it did.

"The University itself is a huge place housing some 25,000 students, studying a wide range of topics. The winter school for turfgrass managers consisted of 60 students, mostly Americans with a few Canadians and three Europeans. I found the course more intense than I had expected. This particular course holds a lot of prestige in the States with limited places each year.

"Classes consisted of the following: Turfgrass management, turfgrass physiology, soils and fertilisers, golf course architecture, turfgrass pests, turfgrass diseases, irrigation system designs, mathematics of turfgrass management, trees and shrubs, personnel management and equipment shop.

"Most of the classes I found very interesting and informative, but found the in-depth study of irrigation system design left me a bit baffled at times. I was very impressed with the emphasis given to certain subjects such as mathematics and chemistry in relation to greenkeeping which seems to be neglected a little



*The University Building, Massachusetts.*

here in the UK.

"I was made very welcome by Dr Richard Cooper (Course Tutor) and by all the other

my hotel, I made it to the Convention Centre in the morning and was met again by Graham Dale, who was his usual effi-

**As Greenkeeping Management looks to highlight this year's Toro Scholarship nominees in its September issue last year's winner MARK PROCTOR relives his prize - a dream trip to the USA!**

students, some of whom I made very good friends with by the end of the course. The contrast in culture becomes apparent when speaking to a Super from New York, whose staff consists of armed security guards who have to deal with a variety of problems, none more bizarre than devil worshippers decapitating chickens on one of his greens!

"The golf courses look peculiar in mid January because everything is dormant and the courses are closed until the grass decides to wake up again sometime in March, April. The Supers themselves are held in very high regard by the memberships and golf club owners are looked upon as true professionals which they are and truly deserve the recognition. I found this also reflects in their salary!

"The last four weeks of the course seemed to fly past and before I knew it, I was at the banquet and my name was read out to go and receive my certificate. It was a very enjoyable night.

"My closest friends know of my fear of flying so subsequently I was chauffeured to the airport in the morning and they made sure I caught my flight to Orlando.

"I arrived in Orlando to a welcome of wind and rain. I thought I must have caught the wrong plane. After settling in

cient self.

"The GCSAA Show was absolutely superb throughout. It was extremely well organised and the amount of machinery on view was phenomenal. After spending seven weeks at University, I did not attend any of the lectures.

"It was nice to see some smiling faces at the BIGGA stand. Thanks Debbie and Paddy. I met up with some BIGGA lads that evening at the Toro reception and I'll say no more!

"Well, it was time to pack my bags again and move up north again to Minneapolis where Toro's mower division headquarters is based. After being given a guided tour around the offices and test facilities, I retired to my new hotel for an early night.

"I was met at 6.00 am and

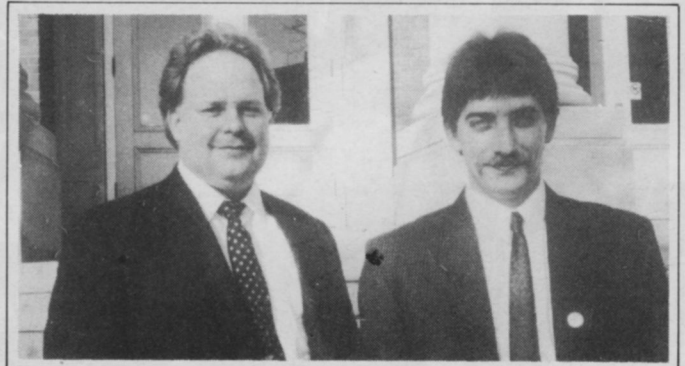
driven down to Wisconsin to see how Toros were actually assembled, which I found fascinating, partly because of the lack of the 'us and them' attitude on the shop floor, everyone seemed happy in what they were doing.

"It was time to pack my bags and move west on the final leg of my trip to Southern California. I was met by Bob Symonds from Toro and was driven to Riverside for a tour of the Toro's irrigation department which consisted of production, test facilities, design, etc. I felt absolutely terrible and soon after the factory tour, I was taken to my new hotel where I spent the next day and a half in bed with flu. Why did I have to get flu in California?

"I was fit enough for my last day in the States when I was driven out to Palm Springs to visit a few golf courses. Talk about a different world. These courses were managed and manicured to perfection. Love em or hate em, these high maintenance American courses take an enormous amount of skill and hard work to keep in immaculate condition.

"Finally, I would like to take this opportunity to sincerely thank everyone involved with my trip. It was a real experience, which I thoroughly enjoyed and learnt from."

● The Sponsors and the Association hope Mark and his employers - the Portal Golf Club in Cheshire - benefit from his experience in the States and I know Mark would like to thank his Managing Director at Portal for his support following the award.



*Massachusetts course tutor Dr. Richard Cooper with Mark, right.*

# Bill promises challenge



The magnificent clubhouse at Moortown viewed from the 18th fairway.

**W**HEN it comes to managing the magnificent Moortown course – venue for this year's Iseki finals – Head Greenkeeper, Bill Fox, is doing so "by the seat of his pants"!

Bill has been nurturing Moortown, man and boy, for 28 years heading a team comprising Alan Walsh, his deputy with 32 years service, Mick Hannam, Dennis Clarke and two apprentices, Kevin Fox, Bill's son, and Richard Hollingworth.

**Greenkeeping Management's editor, MIKE McCLENNAN, visits Moortown, venue for this year's Iseki finals, and talks to Head Greenkeeper BILL FOX about the challenge ahead for competitors.**

Both the youngsters qualified as greenkeepers this year after successfully studying at the local Askham Bryan College.

"I'm happy here. We have our problems but the rewards are great", says Bill.

"Our team is very professional and I can promise BIGGA members a challenge for the Iseki finals.

The early hot spring caused problems for Bill and his team, scorching fairways

*Continued on page 11*

... the great performer

# Workhorse

Continued from page 10

and bunkers alike. But counteractive measures have been scaled down as the early promises of a long hot summer have evaporated, leaving Bill with the headache of stopping his greens going off.

"We have had a lot of praise from members about the run of the greens. I think we have got the balance right. It's just a question of holding the greens in check for the next three months.

"Come September I'll know whether I've succeeded or not".

Bill has worked closely with course designers over the years, most notably Jim Arthur, and has a lot of praise for his help.

"Jim showed me the way in several areas and his work has definitely benefited Moortown.

"Vertidrainage has also had a beneficial effect on the Moortown course. State of the art machinery now ensures an even putting surface and consistent greens.

The very nature of Moortown's foundations – heathland and peat – provides its own pluses and minuses.

"Our drainage is generally very good and the course feels good to walk on", says Bill.

"Being exposed the weather can play havoc to a round but our tree planting has been designed to provide both a challenge and, in some cases, shelter.

"It's a testing course to manage, and a testing one to play".

# Potted history of Moortown

**M**OORTOWN Golf Club was founded in 1909 and was designed by Alistair McKenzie in 3 stages. The attractive clubhouse built in 1916 by the side of the 18th green provides a delightful setting for the final hole and a bird's-eye view for spectators sitting inside the clubhouse or outside on the terrace.

The course has been recently altered, action necessitated by the building of houses right up to the boundaries on several holes. These alterations came into play last year.

Two new holes – 6th and 7th – have been created from woodland, the 13th and 14th holes were joined to make the new 14th hole, and a par 3 short hole built to replace the par 4 17th.

The terrain is interesting with trees along many boundaries. The turf is heathland over 6 holes, the other twelve being built on peat land which before 1909 formed part of Alwoodley Moss. A meandering stream affords the outlet for the highly geared drainage system necessary to keep the course dry and playable all the year round.



A view up Moortown's short "Rock of Gibraltar" hole – a real tester!

The first Ryder Cup Match to be held in England was played at Moortown in 1929 resulting in a victory for the home side. Members will be interested to see the many photographs of the teams which adorn the walls of the dining room and mens lounge.

Continued on page 12

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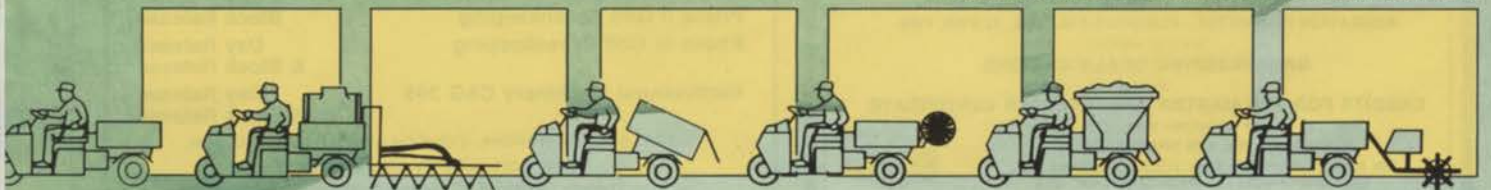
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Continued from page 11

The effect of the major restructuring was to lengthen the course and increase the par from its previous 69 to 71.

Moortown has always been a tough course but a fair one. There is certainly plenty of trouble to be found with a loose shot, especially from the tee, but there is also the assurance of a just reward for a good one.

### MAJOR GOLF TOURNAMENTS HELD AT MOORTOWN

| Date   | Tournament                              |
|--------|---|
| 1989   | English Mid-Amateur                     |
| 1989   | British Seniors                         |
| 1986/  |   |
| 85/84  | Car Care International Tournament       |
| 1983   | Ladies British Open Amateur Stroke Play |
| 1980   | Tournament Players Championship         |
| 1978   | Ladies' Home International              |
| 1976   | PGA Cup Match - G.B. v Ireland v U.S.A. |
| 1974   | Seniors Open                            |
| 1974/  |   |
| 66/58/ |   |
| 34     | Boys' Championship                      |
| 1962/  |   |
| 38     | English Amateur Championship            |
| 1955   | English Ladies' Championship            |
| 1938   | English County Championship             |
| 1929   | Ryder Cup - G.B. v U.S.A.               |

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|---|---|
| Delegates arrive for lunch at 12.00 noon.                       |   |
| 1.30 p.m.   | Introduction to Course  |
| 1.45-5.00 p.m.  | Tuition on: (a) Daily Tractor Maintenance. (b) Routine Maintenance.               |
| 5.15-6.30 p.m.  | Dinner in Aldwark Manor   |
| 6.30-8.30 p.m.  | Tuition on: (a) Operation Controls. (b) Health and Safety at Work.                |
| Accommodation at Aldwark Manor Hotel including Breakfast        |   |
| Course B  | Wednesday 3rd October   |
| 9.00-11.45 a.m.   | Tuition on: (a) Driving Instruction. (b) Choosing the Correct Attachment and Why. |
| 12.00 noon  | Lunch in Aldwark Manor  |
| 1.00 p.m.   | Depart  |
| Content as above commencing at 12 noon on Wednesday 3rd October |   |
| Cost of Course £100 plus VAT including accommodation and meals. |   |
| 3 Master Greenkeeper Credits per course.                        |   |

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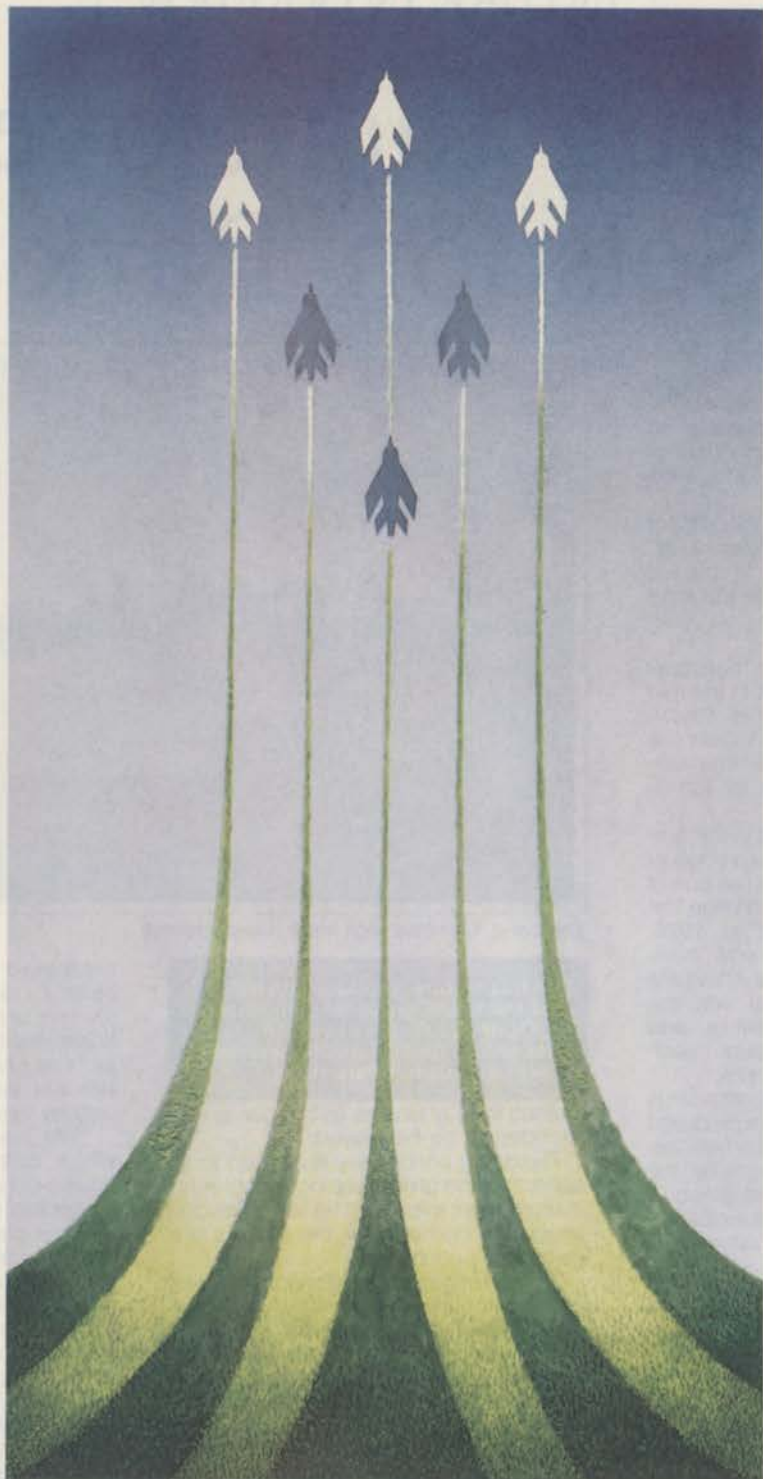
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# Bowling them over at Selsdon Park

**S**COTSMAN, Iain Hamilton, joined Selsdon Park Hotel as Golf Course Superintendent in 1987 after completing a five-year apprenticeship at Gleneagles (1977-82) and gaining further experience at both Falkland and Livingston.

He now controls a golf course staff of five; head greenkeeper, first assistant and three greenkeepers. There is also a gardening staff of four whose job is to keep the hotel grounds in top level condition.

The Selsdon Park course measures 6402 yards, having been built in the mid 1920s by Open Champion, J.H. Taylor. In recent years the course has been the focus of considerable green refurbishment, a programme which is still in progress.

Selsdon Park itself, situated in the Surrey countryside on the southern edge of Croydon, is widely recognised as one of Europe's leading hotels having been first opened for hotel purposes in 1925. Records of the Selsdon name and "mansion" date back to the time of Alfred the Great (871-900 AD), however, with the house itself gaining in stature and elegance as it passed through each generation of noblemen owners.

Ask most golf course superintendents to show you a recent design project and they will probably take you to the new teeing area at the 15th or point to the reconstructed 6th fairway and green.

Iain Hamilton, for all his obvious enthusiasm for the Selsdon Park course, will take you to a small gravelled area of the hotel grounds to view the Boules playing area which he built two years ago.

"The Boules area illustrates more than anything else at Selsdon just how broadly-based this job is," he explained. "A number of our guests had expressed an interest in Boules so it was decided to provide a purpose-built playing area for the game."

The first task involved writing to the Boules Association to obtain detailed specifications of the size and shape of the correct playing area even though most Frenchmen seem to play the game in the village square close to a suitable refreshment point.

"We clearly had to get the area right," said Iain, "If our guests were to have the

**"The need for considerable on-course activity at Selsdon, especially around the greens, has put heavy demands on Iain and his staff in recent years"**



The par 3 17th hole with hotel in background.

**In this feature, produced on behalf of the Inturf group of companies, COLIN LEY focuses on Iain Hamilton, Golf Course Superintendent at Selsdon Park Hotel.**

chance to play Boules as the game was intended to be played."

The same philosophy is applied to all aspects of the greenkeeping and ground management role which he fills at Selsdon where the demands of the players are given top priority.

"I'm sure the same philosophy applies at all golf courses whether they are based on a private membership or pay-as-you-play courses run by hotels," he said. "The difference with the hotel approach is that the players want the course to be in perfect condition on the one day in the year when they are playing while club members are more likely to be prepared to judge playing quality over a full year."

The need for considerable on-course activity at Selsdon, especially around the greens, has put heavy demands on Iain and his staff in recent years and is likely to continue for some time to come.

"We are upgrading our greens on a two-a-year programme and are beginning to see significant progress towards our target of having a high quality facility," he said. "Because many of our players are only here for a day or a weekend, however, the pressure to bring new greens into play as soon as ever possible is more intense than on a membership course in which everyone, greenkeepers and players, are united in wanting long-term quality."

Working for a hotel course does have the balancing benefit, however, of the freedom from the club committees. At Selsdon, course management decisions

are based on firm business considerations. If a development will add to the enjoyment of the guests and can be justified financially then it is done; it's as simple as that. No committee needs to be brought into the picture to present its various views to the greenkeeping staff.

"We have a small veterans society which dates from the time when the course did accept members, but we have no general membership today," said Iain. "All our players are either guests at the hotel or pay a daily green fee."

In addition to coping with the 365-day-a-year-traffic that arrangement creates, Iain and his staff have had to accept their share of the weather-induced damage which afflicted courses throughout the country in the hurricane of 1987 and again in February this year.

"We lost around 500 trees in 1987," he said. "Situated as we are on the edge of Croydon, that did bring some houses into view which were previously screened. To help restore the course to its full tree-lined condition we replanted some 5000 Oak and Birch trees."

"Ironically, while this February's storms were less dramatic in total than in 1987, the damage caused was, if anything, more severe. We certainly lost a further 100 trees, many of them being mature trees which we were extremely sad to see go. The fact that this second storm came as we were getting on top of the previous battering made it harder to accept."

To the day or weekend visitor, however, the course is still a piece of rural splendour capable of making you forget that you've just battled through the south London traffic from the nearby London or Gatwick airports and that you've less than an hour's journey from tomorrow morning's business meeting in the City.



## Profile

**P**ROFILE: Billy McMillan is number three in the McMillan clan although as a twin he is quick to point out that he only missed being the second oldest of the four greenkeeping brothers by a few minutes.

At Effingham Golf Club, however, where he has been head greenkeeper for the past three years, he is very much number one, albeit with a keen and appreciative understanding of just how much he depends on his staff.

"I have five greenkeeping staff working with me and am well aware that they are worth their weight in gold," he said. "You can have all the ideas in the world about how a golf course should be prepared and cared for, but that will count for nothing unless your staff have the willingness and ability to put your ideas into action. Thankfully, my staff have both the ability and willingness to make sure Effingham continues to develop as a quality course."

The Effingham course itself, established in 1927, measures 6488 yards, situated eight miles east of Guildford in the Surrey countryside, the club is just 20 miles from Heathrow.

Effingham golf course is built almost exclusively on chalk, a soil structure which Billy McMillan believes is the "ultimate" base for all-year-round golf.

"In my three years at the club play has only been impossible on two days," he said. "That was when the course was covered in sufficient snow to defeat even the most highly coloured golf balls."

"By having a chalk base, however, we are not only able to play all the year round, but we don't have to resort to winter greens or tees. The soil structure drains nicely so that the surface of the course is never excessively wet and yet retains moisture lower down to give the course a fresh green appearance even when other courses are struggling to survive drought conditions."

The challenge for Billy McMillan and his staff, therefore, is to keep the course well groomed in the midst of such a potentially high natural growth of grasses, shrubs and trees.

"We spend more time cutting grass at Effingham than is the case on most other courses," he said. "The greens have to be cut seven days a week, tees and fairways are cut three times a week and semi-rough areas twice a week."

"We also cut right the way through to Christmas with the course in recent years looking as good in December as it does in June. That is clearly a bonus for members but it does place a heavy demand on the greenkeeping staff."

Ask Billy for a comment on how he controls shrubs and trees on the course and you will probably produce a knowing smile.

"I go out with the chainsaw in the spring and autumn and cut back where necessary," he said, adding that some Effingham members don't enjoy the sound



The superb Effingham course clubhouse

## Well groomed look amidst high growth

of the McMillan chainsaw at work quite as much as Billy does.

"I believe that wooded areas should still be part of the course and should allow members to play a recovery shot back onto the fairway," he said. "With our growth potential it is easy for wooded areas to become too dense, however, taking certain parts of the course totally out of play."

**Inturf's COLIN LEY talks to one of the famous Jack McMillan's greenkeeping sons, Billy hard at work at Effingham Golf Club.**



Billy McMillan "on the course".

Effingham is also unique in the fact that 67 acres of the club's total of 280 acres is currently down to set-aside, a Government-backed support programme designed to reduce agricultural cropping.

"We are now in our second year of set-aside having previously let the 67 acres in question to a local farmer who grew wheat and oats on the land," said Billy.

Set-aside land, by definition, isn't cultivated and therefore isn't sprayed for weed control. The most obvious question for Billy, therefore, concerned whether or not he had encountered any increase in weeds spilling over onto the playing parts of the course.

"Control of the set-aside land is the farmer's responsibility and he obviously wants to restrict his work on the land to the minimum," said Billy. "Nevertheless, to satisfy our weed control requirements he tops the set-aside land twice a year, cutting first in May or early June and again in July or August. That knocks the heads off weeds and grasses and protects our playing areas from weed spread."

The set-aside areas, although deemed out-of-bounds in playing terms, clearly add to the attractiveness of the course along with a few areas of wild flowers which Billy has protected as part of his overall course management.

"We have a few excellent wild flower areas, including some wild orchids," he said. "Golfers are becoming much more appreciative of wild plants and animals and are much more prepared than they were to see some areas of the course in broad environmentalist terms."

"The end result, hopefully, will be a correctly balanced course which is attractive in the fullest possible sense while providing quality golf 365 days a year. That, at least, is our aim."

# AROUND THE GREEN

## SCOTTISH REGION EAST SECTION

**C**ONGRATULATIONS go to Jimmy Neilson on his achievement of an "ace" at the par 3 14th hole at Liberton Golf Club during our annual summer tournament.

It was a pity it came so late in the round as his score on the day didn't earn him any prizes.

Jimmy, being the perfect gentleman, opened up a free bar so that we could all join him in his celebrations. I have never seen so many teetotalers turn into alcoholics in such a short time.

Although Jimmy's achievement wasn't marked by a presentation on the day you can rest assured it will be at the annual dance.

### Summer Tournament

The annual summer tournament was held on Thursday June 7 at Liberton Golf Club.

The weather was not up to it's usual standard with a very high wind, however those brave enough to play certainly enjoyed it.

Our thanks go to the Captain and Council for the courtesy to Head Greenkeeper Ronny McCrindle and his staff for the condition of the course and to

the catering staff for the excellent meals.

The lucky winners were: Scratch. G. Wood, Dunbar G.C. 1st Class. S. Crawford, Ratho Park G.C. 2nd Class. D. Brand, Dunbar G.C. 3rd Class. A. Forrest, Swanston G.C. Veteran R. Dugan, Glencourse G.C.

Our next event is the autumn tournament at Broomieknowe on September 5 followed by the W. Woods Memorial Trophy at Newbattle on October 2

### Membership

The section is delighted with the response from new members this year. We are now at our highest ever but there is still room for more. This just goes to show that BIGGA is certainly running on the right lines.

**WILLIE BLAIR**

**Editor's note . . .** hear, hear Willie. BIGGA certainly are on the right lines and we at Greenkeeping Management are doing our "bit" to both help the Association and give you a top class voicepiece through our pages. Comments such as yours are music to all our ears!



*Veteran Donald Roberts expertly launches a drive over one of Brancepeth's yawning carries.*

## NORTHERN REGION ISEKI TOURNAMENT

**T**HIS year's Northern Region Iseki Tournament brought together 53 players at Brancepeth Castle – an intimidating test of golf located in the Wear Valley South of Durham.

Fine weather and a freshish breeze produced some very respectable scores.

The players' pleasure was heightened still further by an immaculately turned out set of greens, plus the in-between too!

Roger Shaw and his team deserve high credit for the standard of workmanship. Roger, incidentally, as well as qualifying for this event is Cleveland Section secretary and Cleveland Section representative on the Northern Regional Board.

Thank you Roger for your help!

As always no Iseki event would be complete without Derek Powell, Iseki's "man on the spot" and the mighty Steve Broad, Iseki's PR front man, who masterminded Iseki's involvement.

For the club Mr Tom Flowers, who doubles as club chairman and greens chairman, joined us at dinner and offered some kind words.

● Brancepeth Castle Golf Club shines out as having a healthy attitude towards the needs and wants of greenkeepers. They offer the kind of support we need.

**DAVID HANNAM**  
Northern Regional  
Administrator

## SOUTH WEST SECTION

**H**AZY sunshine and light breezes were the order of the day for the John Ireland Greensomes played at Westonbirt on May 23.

This ever popular fixture, which combines a greenkeeper with an amateur partner, attracted a far better turn-out than of late to the charming little nine hole course nestling in the grounds of the famous ladies college.

This was a particularly poignant occasion for our Chairman, Bob Gates as it was the last time he prepares the course for us before his retirement at Christmas.

Dan Dobie of Marlborough turned out to be the "dark horse" of the tournament by partnering Simon Amor, scratch player and member of the Wiltshire County Team, in what turned out to be a very successful combination.

1st D. Dobie and S. Amor (Marlborough) 72-13-59.

2nd D. Neale and S. Shipley (Henbury) 84-24-60.

3rd K. Day and P. Lewis (Knowle) 83-22-61.

4th J. Thomas and J. Prosser (Lansdown) 80-17-63.

Many thanks to T.H. Whites for providing a tour of their new premises and lunch prior to the competition, thanks also to Monro Horticulture for the prizes.

From there we moved on to Bath Golf Club for the annual match against the South West Secretaries on June 7.

Our side, brilliantly captained by Buster Lewer, found the course and the blustery conditions much to their liking and despite being outnumbered 13 to 11 in a spot of desperate last minute manoeuvring by the secretaries ran out clear winners by 309 points to 267 points.

**PAUL WORSTER**  
*Continued on page 17*

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# AROUND THE GREEN

Continued from page 16

## AYRSHIRE SECTION

**G**OLF features strongly this month, with the Iseki Scottish finals at Cawder, and the 'Scottish' at Lossiemouth. The only Ayrshire qualifier from the Iseki finals at Cawder was George Brown from Turnberry who turned in his usual solid performance to get through in the 1st class over a course in excellent condition but much too tough for yours truly. The Moray course at Lossiemouth is a smashing links spoiled only by the constant screaming of the jets coming in to land over the course. My day was made by birdieing the last hole which is one of the best finishing holes in golf. This got me into second place in the 1st class. The only other Ayrshire winner was that man George "three putt" Brown who managed to convince everyone he was eligible for the veterans prize by persuading wife Brenda to caddy, then limping all the way round. Re-routings this month are David Woodbyne moving from Islay to Southernness, Hunter Torbet from Southernness to Thornhill, and Drew Leask being confirmed as Head



Greenkeeper at Glasgow Gailes. Ayr Technical College greenkeeping section held its annual prizegiving recently (see picture), with Kyle and Carrick District Council employees winning four of the six cups on offer, three going to one course Dalminging. Congratulations are due to all the students for excellent results which show how ridiculous the situation is that those students won't get master greenkeeper credits for going to a so called approved college. One final reminder about a change of date for the autumn outing. Western Gailes

*Pictured from left to right: Lecturer Gordon Kirkpatrick, Lecturer (Gordon McGinn), Stuart Hogg, Colin Smith, John Mathieson, Brian Porteous, Steven Ross, Lecturer.* (Picture courtesy of Ayrshire Post).

is the venue on Wednesday 10th October with first tee time around 9 a.m.

DUNCAN GRAY

## EAST OF ENGLAND SECTION

**T**HE follow up to the Johnson's Seeds lecture, held in March, was a visit to their trial grounds at Boston on June 5.

Fourteen members and

guests attended. We were welcomed by Mr John Akers, the sales manager, who did a grand job on refreshments later.

The tour of the trial grounds and the breeding area of new cultivars was given by Dr Rob Rowley and Mr Geoff Taylor, two very interesting gentlemen. The visit was not "hard-sell" but one could not help but be impressed by the new grass variety "Jupiter" that was on display. The afternoon was most enjoyable and our thanks go to all concerned.

This visit was aimed at getting some of our non-playing golf greenkeepers to attend and to this end the attendance was rather disappointing.

The next section fixture is for the Robin Lamb Trophy to be held at Alex James' new course - Middleton, Kings Lynn on August 21.

COLIN SWINGLER

**Greenkeeping Management apologies for a curtailed Around The Green section this month due to pressure of space. Rest assured your reports will carry forward into our September issue so keep 'em company chaps.**

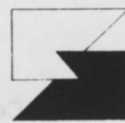
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### KINGSTON LACY ESTATE CHOOSE McLANE TRIM 'N' EDGE

**M**ANY National Trust properties welcome thousands of visitors every year, and this frequently means that large areas of grassland and gardens have to be kept in tip-top condition at all times.

One such property is Kingston Lacy House near Wimbourne in Dorset, and among the problems they face are over two miles of lawn edges that require regular trimming.

According to gardeners at Kingston Lacy, the time taken to complete this arduous task has recently been cut from several days to just a few hours, by using the unique versatility of the McLane Trim 'N'

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This wheeled brushcutter, powered by a 2hp 2-stroke Tecnamotor engine, cuts in a horizontal plane like conventional brushcutters, but can also be quickly and easily converted to an edge trimmer by rotating the engine and cutting head assembly through 90 degrees.

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This makes it easy for the Kingston Lacy gardeners to trim edges and cut close to ornamental statues and other such obstacles often found in the gardens of stately homes.

## Your Letters

Dear Greenkeeper,

**A**S editor of Greenkeeping Management I naturally take an interest in "rival" publications, such as they are.

Into this category fell The Golf Course. On becoming editor I immediately asked my "better half" to subscribe for the coming year by sending off a postal order. She duly did this.

At first all seemed well. The magazine arrived spasmodically and was avidly scanned by yours truly.

Then news filtered through to me unofficially that The Golf Course was discontinuing publication from May of this year.

I refused to believe this dismal "on the grapevine" news, reasoning that, as a subscriber, I would receive word from publisher, Michael Coffey, and a refund for the balance of the year in which The Golf Course no longer appeared, but for which I had paid in advance.

Imagine my surprise when an unsolicited copy of a publication entitled "Amateur Golf" dropped on my doormat recently.

No explanation accompanied its arrival but a quick flick through its pages revealed it to be a hybrid product aimed ostensibly at golfers, but with a smattering of The Golf Course cunningly concealed. I am asking myself several questions.

1. Why am I getting this new magazine when I did not ask for it and do not want it?

2. What has happened to The Golf Course and why haven't I, a subscriber, been informed of its demise?

3. Where is my refund?

I am eagerly awaiting answers from Mr Coffey.

Is there anyone out there similarly puzzled?

Yours in anticipation  
Mike McClennan  
Editor

P.S. Amateur Golf is heavily subsidised by the English Golf Union. I can only assume they are happy to see their publication encapsulating bits of The Golf Course and to it being sent unsolicited to Golf Course subscribers. Heavens only knows why!

DEAR SIR,

**I**READ Mr Huntley's letter in your July issue with mixed emotions. All the problems of poor course condition are blamed on lack of funds, poor

salaries and the advice of agronomists in trying to set standards to encourage bents (Agrostis) in particular and to discourage Poa annua.

Mr Huntley fails to acknowledge that it has been the efforts of those he criticises, and agronomists in particular which has resulted in at least some golf clubs' managements taking a more realistic view of budgets and specifically in raising greenkeepers' salaries. Few have done more over the years than I have in this respect.

Intelligent greenkeepers of all ages and on all courses realise that their prime duty is to produce all year round excellence of playing conditions. This is not incompatible with a sensible programme aimed at reversing the results of the gross overfeeding and over watering that was well on the way to destroying most of our courses a decade or more ago - and it is gratifying to find general acceptance that this must be the way forward if courses are to withstand the huge increase in traffic of recent years.

Intelligent greenkeepers do not embark on a draconian regime of austerity greenkeeping without the total blessing and understanding of their management and their members and this demands a great deal of in-house education at all levels. Little and often saves much heartache and gets there just the same, but in a longer time. It is palpable nonsense to say that links management is being advised on parkland urban courses, or equally to say that we must put up with annual meadow grass dominance. Even on the heaviest clays around London, with old greens without special root zones or under drainage, Agrostis (not fescue) dominant greens have been achieved without trauma by good greenkeepers - and there are countless examples of this success story.

Equally I accept that many greenkeepers with more enthusiasm than tact have tried to implement a crash programme and ended up with bare greens and irate management. In the end, even such severe cases of 'Arthritis' have ended up successfully, but at some pain to all concerned by trying to do in a couple of seasons what should take much longer.

J H ARTHUR

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# French interviews will serve up surprises

**T**HE authorities are alarmed at the increasing number of greenkeeping talents being seduced by lucrative appointments abroad. There is an obvious way to reverse the trend, but what about the few adventurous spirits who want the challenge?

It is easier for them now than when we last discussed their problems elsewhere some years back. With BIGGA behind them and Greenkeeping Management in front of them, I need no longer warn emigrant readers of a quality magazine such as this of one of the dangers of loose living beyond the Channel, especially when in reach of swarthy gendarmes with offensive weapons.

Instead, let us check out the peaceful protocol of an interview with a French golf club committee. With its new course boom still soaring, France provides the principal outfall for our industry's brain drain.

Firstly, you will be the only visible candidate. French committees convert golf-club procedures into a formal luncheon wherever possible. Four luncheons with one candidate are obviously better than one with four. So don't bother to mug up the climateology of the region with a view to explaining how well your classical methods will adapt to La Glaise-en-Forêt. Your ability to de-bag a king prawn in two easy twists of the wrists may well be the factor which picks you out as the man for the job.

The President will be in charge of the proceedings. Captains don't rate very highly because they organise team-matches and competitions, not the menu. In addition, expect one or two committee members and a lady secretary. Everyone will kiss her but not you, for Heaven's sake - at least, not yet.

Don't bother to prepare a list of questions. One will be enough. By the time they have had the guts out of that one, the original committee members will have left for nine holes. Reserves appear one by one having heard of a lunch in the of-fing. As the first replacement arrives, the President gives him a masterly summary

**'Captains don't rate highly'**



of the proceedings up to that point.

The next arrival gets the same summary updated from the first, and relays it, similarly extended with his own views, to the next, and so on down the line. In this way they all get their nine holes and the last man in does the Minutes.

**Esteemed golf writer FRED HAWTREE ventures across the channel to warn humorously of the pitfalls awaiting the aspiring young greenkeeper seeking employment in France.**

The President can then move the adjournment for lunch unless an interval was needed earlier to provide a cooling-off period after you unwisely expressed any views on matters like fertilising or watering. This indiscretion leads to raised voices as half those present disagree violently while the other half hotly defend you and throw in a few recommendations of their own.

The golf-course has magically emptied of players as midday approaches. You will recognise most of those at the bar because they passed briefly through your meeting on the way to the first tee. There are also a few wives on the prowl looking for an English family able to take their darling Benoît for the month of August while they enjoy themselves on the Côte d'Azur.

Under no circumstances agree to land little B. on anyone whose friendship you value, still less on yourself. He will only spend his time mooching despondently round Sludgecombe-on-Sea looking for amusement arcades, Gauloises, and the Casino. That is if he ever arrives. The arrangement is just as likely to be cancelled at the last moment after you have

spent three months trying to convince your neighbours of its potential benefits to your career.

You may well sit down twenty to lunch. All attack the crusty rolls and ten of them start pouring the red wine from the opened bottles standing on the table. This is your biggest test. The wine will not be poured to the top of the glass as English wine waiters tend to do so as to increase their leisure time.

If invited to pour your own wine, remember that many a good man has come home disgraced because he eagerly filled the tumbler intended for the mineral-water. And never say you prefer white wine to red. The first sometimes appears with dishes where red would taste like iron-filings, but it is only the prelude to the real thing. Even the cheese comes on early to give an excuse for another bottle of rouge before the caramel cream spoils all the fun.

I hope you manage to see the golf course beforehand because you won't see much of it from the Citroën which will now rush you to the station with one minute to spare. When you get home write to the President, thank him for his hospitality, and say how much you liked the course, the club, the people, the district, and the lunch, assuming you don't decide to withdraw your application.

At all costs never try to convince your wife, or what-have-you, of the joys of French cuisine - and never, never try to show her how. She was doubtful about leaving her friends in the first place. These additional insults will guarantee you a complete answer to the question "Going abroad?"

It will be "NO!"

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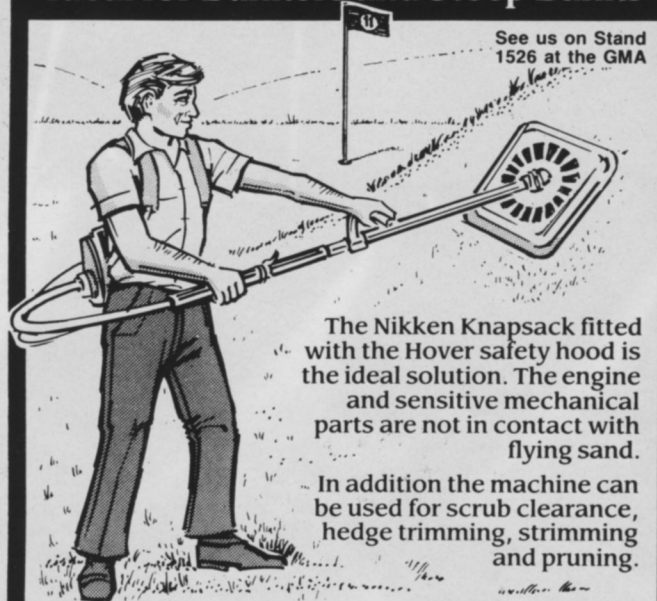
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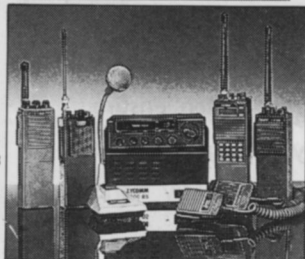
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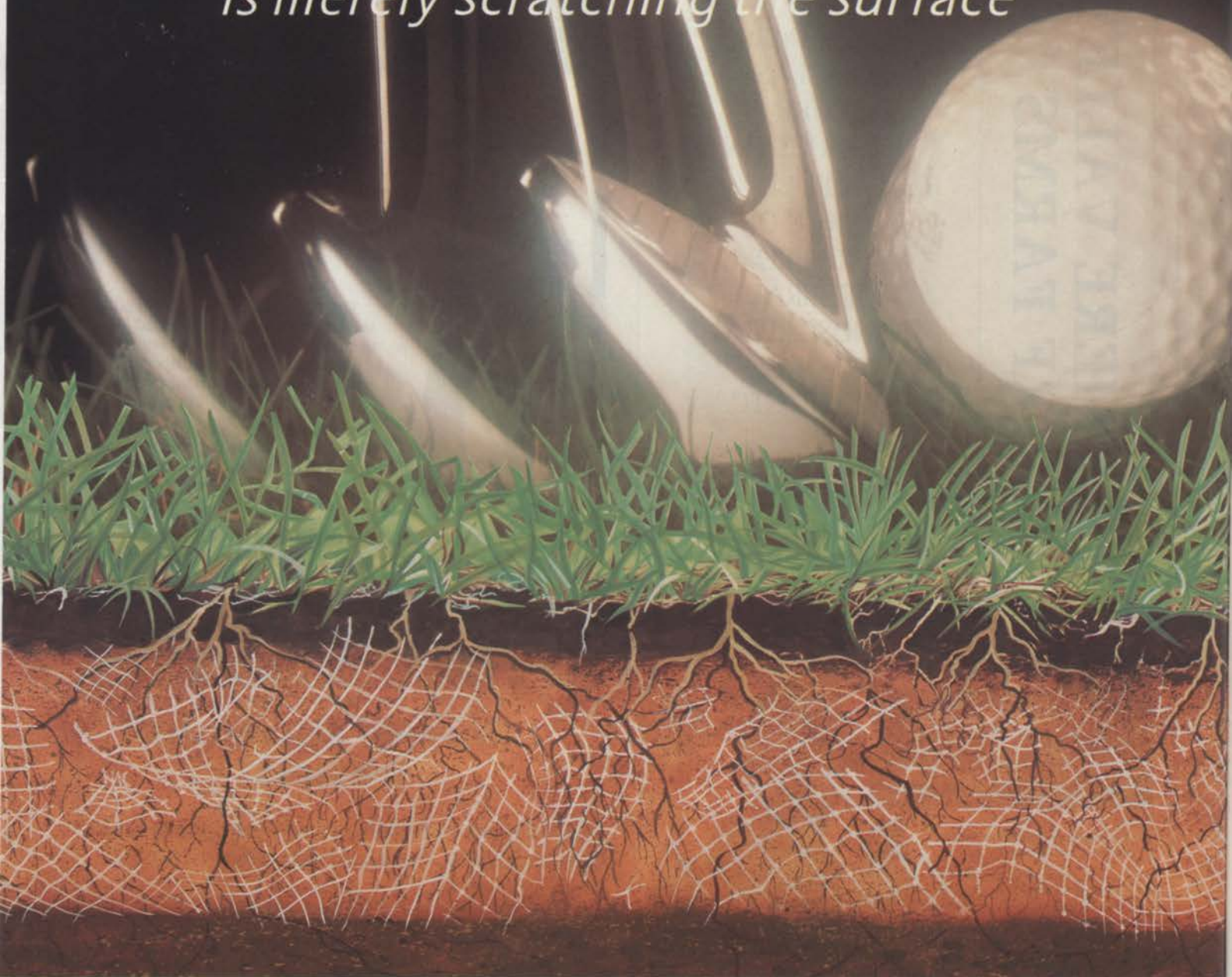
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# A flying leap into the new decade

WITH a leap into the 90's, The Institute of Groundsmanship this year moves its 45th Sports & Leisure World Trade Exhibition to the East of England Showground in the City of Peterborough.

From 4th to 6th September 1990 thousands of visitors from all over the world will converge on the purpose-built Peterborough Showground to explore and to plan what to buy in the coming year at the only truly representative Landscape and Leisure Show of its kind in the world.

The IOG Show is expanding to meet the needs of a fast growing industry. It is organised by committed industry professionals who are only too aware of the challenges facing everyone involved in landscape maintenance and leisure - not just today, but in the future.

The industry pace of change both in Europe and worldwide is accelerating. With the advent of "1992", European trade barriers are coming down and recent political change is opening up even more new markets. In the UK and in Europe, Compulsory Competitive Tendering demands a new approach and presents a new dimension of challenge to suppliers.

The UK industry is well advanced and well positioned, both in Europe and internationally to exploit market opportunities. It is the leader in a number of western and eastern European markets. Industry skills and products complement the current demand in areas such as sports surfaces, sports and play equipment, environmentally attractive sur-

roundings, professional expertise and others.

Overseas visitors will find a dedicated lounge, with interpreters on hand. The press office will provide every facility to visiting journalists from over 200 publications worldwide. There will be a lounge set aside for IOG members and an exhibitors dining suite, offering a welcome respite throughout the busy days of the Show.

## Why the change?

STATISTICS taken from exhibitor and visitor surveys during the 1986 and 1987 IOG exhibitions overwhelmingly confirmed that the Windsor site was too small.

The site became rapidly overbooked and exhibitors wishing to expand their stand space were unable to do so.

*Continued on page 24*

*First time  
outside the  
Home Counties  
for IOG  
Exhibition as  
it moves to  
Peterborough*



Turfland will be showing a wide range of Brouwer turfcare equipment as well as the revolutionary new MPG 2000 turf-laying machine at IOG.

## IOG SHOW '90

### VITAL STATISTICS

|   |  |
|---|--|
| Open exhibition space available                               | 143,000 sq.m.  |
| Covered/part covered space available                          | 8,000 sq.m.  |
| Demonstration area  | 46,500 sq.m.   |
| Total confirmed number of exhibitors                          | 375  |
| Estimated number of companies represented                     | 536  |
| Exhibitor profile   | All aspects of professional turf and amenity products and services |
| Number of exhibitors aiming for the professional user         | 375  |
| Visitor profile   | Professional end user  |
| International visitor profile                                 | Worldwide  |
| Number of tickets sent to professional end users and managers | 300,000  |
| Gate registration   | Yes  |
| Entrance fee  | Free   |
| Cost of Show Catalogue  | £2.00  |

### TRAVEL AND ACCOMMODATION

|   |  |
|---|--|
| Time by train from central London         | 50 mins  |
| Time from Heathrow by road                | 1½hrs  |
| Courtesy buses from Heathrow              | Yes  |
| Courtesy buses from Gatwick               | Yes  |
| Courtesy buses from Stansted              | Yes  |
| Car Parking                               | 'Vast' car parks surround the entire Showground.       |
| Hotels within 15 minutes of showground    | 23   |
| Appointed Travel Agent - Britannic Travel | Offering visitor discounted travel and hotel packages. |

### OTHER FACTS

● These are a few of the organisations recognising the show as being of value to their end users and managers:

- Local Authorities
- Agricultural Engineers Association
- Amenity Grass Marketing Association
- Arboricultural Association
- Association of Play Industries
- British Turf & Landscape Irrigation Association
- National Association of Agricultural Contractors
- National Playing Fields Association
- British Society of Plant Breeders
- British Wire Netting Manufacturers
- Commercial Horticultural Association
- Fencing Contractors Association
- Independent Schools Association
- Institute of Burial and Cremation
- National Turfgrass Council

● Products from countries worldwide including the following: Australia, Austria, Belgium, Canada, China, Denmark, Finland, France, Germany, Holland, Ireland, India, Italy, Japan, Spain, Sweden, Switzerland, United Kingdom, United States of America.

● The IOG has 45 years experience in organising exhibitions in the British sports and leisure market.

● The IOG does not hold its exhibitions for commercial gain. Profits from the show are directed towards providing professional education and training for the benefit of the industry.

*A list of some of the exhibitors is on page 24.*

# I.O.G. SHOW PREVIEW

Continued from page 23

Requests for larger demonstration areas were unable to be met. The facilities available for the visitor were dramatically inadequate for the ever increasing numbers and congestion on the approaches to the race course compounded the problem.

After extensive research of sites throughout England, including Kempton Park (rejected as it offered the same problems as Windsor Racecourse), The East of England Showground was chosen as the only practical venue for an exhibition of the size and international stature of the IOG Sports & Leisure World Trade Exhibition.

A press release was issued in March 1988 giving details and dates of the move.

To give potential exhibitors the opportunity to view The East of England Site, in August 1988 the IOG distributed complimentary tickets for the East



of England Agricultural Show to all IOG 1987 exhibitors.

Thereafter they hosted two Open Days at the East of England Showground, one in April 1989 and one in September 1989.

Reaction to the move was encouraging. Two quotes at

*The Shelton Supertrrencher Mk IV with pipe-laying attachment and integral gravel placement hopper for golf course drainage (above) will be put through its paces at IOG.*

the time being – "We applaud the selection of the East of

England Showground for its vastly improved facilities" from Sisis. "This bold move in taking the Show outside the Home Counties for the first time should see it well into the twentieth century" from Parks and Sports Grounds Magazine.

In September 1988 it was published that the GMA were backing an initiative for a specialised trade exhibition for the garden machinery and outdoor power industries.

In March 1989, following an approach from the GMA, the IOG hosted a special meeting for GMA members at Peterborough. At that meeting the GMA requested a 'special' section for their members. This was agreed by the IOG and a suitable site was chosen.

Subsequently, an announcement was made that the GMA was organising its own dealer show in conjunction with a commercial exhibition organiser.

Continued on page 27

## THOSE ON 'SHOW'

Below are a selection of companies launching new products and services at the IOG Show.

Agriclerk – locker for CDA spray lances  
 Agriland – seaweed meal for spreading  
 Aldex Software – computer software for nursery stock control  
 Allett Mowers – golf green mower and cylinder mowers  
 Amazone – mowers, harrowers, seed  
 Artfibre Leisure – timber range of childrens play equipment  
 Ausplay – childrens play equipment from Australia  
 BLEC – castrating rollers, new attachments, stonepicker  
 Beaver Equipment – grass cutting machinery  
 Better Methods Europe – hand tools  
 Bonford & Evershed – flail mowers  
 L D Bourgein – drainage trencher with full laser control  
 Bowcom – surface line marking system  
 Bridgemere Nurseries – new shrubs and ground cover  
 British Seed Houses – grass cultivars  
 British Sports & Allied Industries Fed – new guide & directory  
 Brooksby College – education for countryside careers  
 Bucher-Guyer – pedestrian & 4-wheel drive mowers  
 CDA – mini tractor sprayer  
 Capel Manor – courses on turf culture, sportsground management  
 Century Oils – new chainsaw oil  
 Charterhouse Turf Machinery – turf care equipment  
 Chief Machinery – flail mowers  
 Compact Machinery – drive-in loaders, mid-mounted mowers, rakes  
 Conway Products – trailers/cabins  
 David Bayliss – theme park equipment and for fast food  
 Dennis Motor Mowers – mowers for the professional user  
 Earth Anchors – new method for fixing signs and signposts  
 Etesia – new concept ride-on mowers from France  
 Fairfield Turf – new top dressing  
 Ferrari UK – motor cultivator, motor scythe  
 Fisons Horticulture – products for professional turf managers  
 Fleet Linemarkers – organic fertilisers and amenity turf  
 Ford New Holland – launch planned  
 Gannon UK – winter pitch renovation  
 Glasdon UK – bins, lifebuoy housing, gritting  
 Gloster – planters and tables  
 HMF Truck Equipment – truck mounted cranes from Denmark  
 Hagsplay – new unplay system  
 Hayters – grass cutting machinery  
 Hotbox Heaters – fan heaters for glasshouses  
 Interseeds – new meadowgrass and trial facility  
 Iseki – tractors

Jack Allen Spares & Service – multi-dig side tipper  
 John Deere – tractors  
 Karcher UK – free wash up after ground demonstration  
 A.P. Kilworth – small back hoe and inter row cultivators  
 Lancs College of Agri & Hort – BSc Hons horticulture techniques  
 Lappset UK – childrens play, golf course and street furniture  
 Lawn-Boy Mowers – rotary mowers  
 Lely UK – turf aeration machines  
 Lloyds & Co. of Letchworth – mowers for the professional  
 Lurmark – wood preservative sprayer  
 Macemain Engineering – childrens play structures  
 Malvan – soil shredder and sterilising trays for soil/compost  
 Maxwell Hart – environmentally friendly pesticides  
 McConnell Dabro – turf care machinery  
 Melcourt Industries – organic peat substitute  
 Michael Dalrymple Developments – new generation brushwood chipper  
 Mommersteeg International – organic seed dressings  
 Multilift – chemical storage containers  
 Netlon – mesh for slope erosion and weed suppression  
 Norwood Hall – on-site training and C & G urban conservation  
 OKO UK – puncture preventant sealant  
 PLP – childrens play, seating, street furniture, fencing.  
 T. Parker – equipment and services  
 Plumpton Agricultural College – course on golf greenkeeping  
 Powerfab Sales & Spares – excavator and dumper  
 Practicality Brown – tree spade  
 Ransomes – new grass care equipment not seen before  
 Redbreast Industrial – OHV petrol engines  
 Service Chemicals – wetting and penetrating agent for fine turf  
 Sheen Developments – plant label holders  
 Sierra UK – turf nutrition advice  
 Skidster – complete tracked machine  
 Smalley Excavators – more powerful and less noisy engine  
 Spadework Horticultural Staff – new personnel list  
 Synchemical Vitax – natural organic turf wetter and conditioner  
 Tacchi's Nurseries – new container range  
 Tillers Turf Company – wild flower turf  
 Totrax – grassland tyres  
 Tracmaster – pedestrian, rotary and flail mowers  
 Transaw – wood splitter with winch, firewood machine  
 Turner International – mowers  
 Ultra Hydraulics – support drives, inlets, various valves  
 Walkover Sprayers – new sprayers  
 Westcon Engineering UK – launch to be announced  
 Wyevale Nurseries – new shrub and two new roses.

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



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AT I.O.G.

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IOG

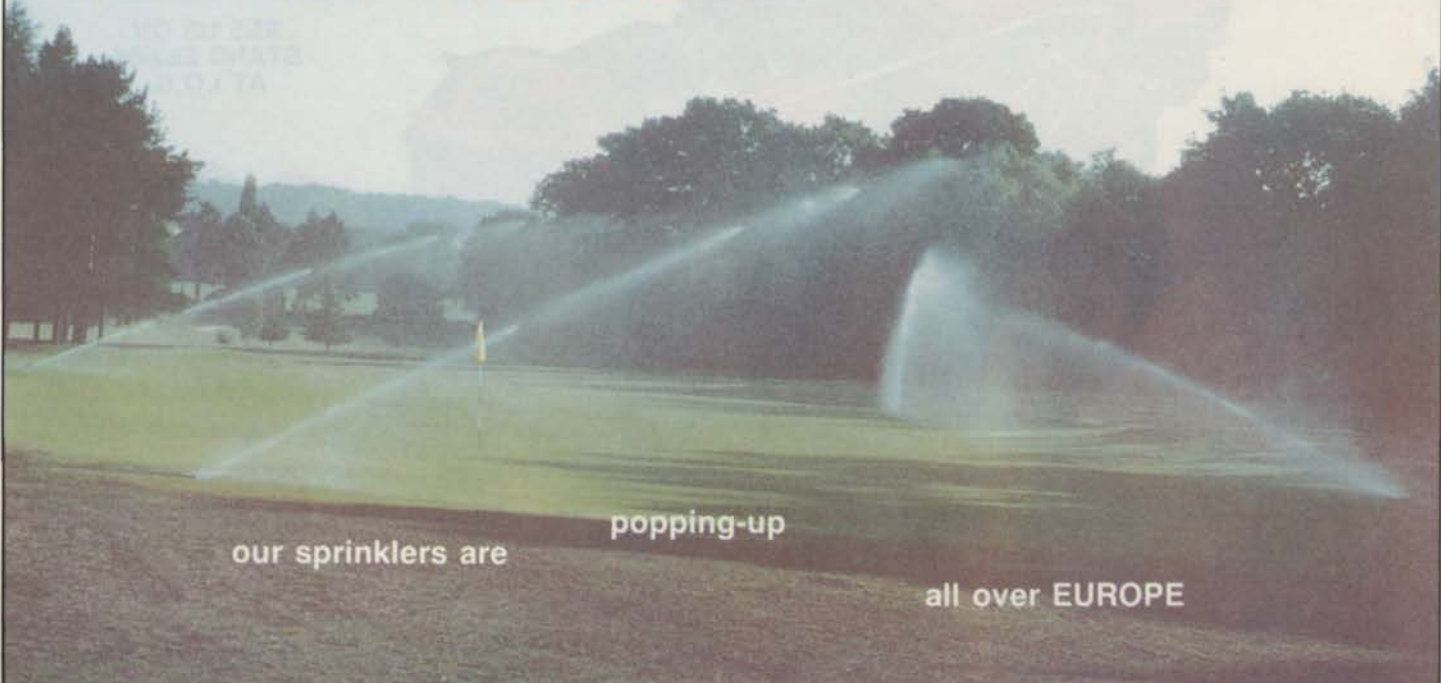


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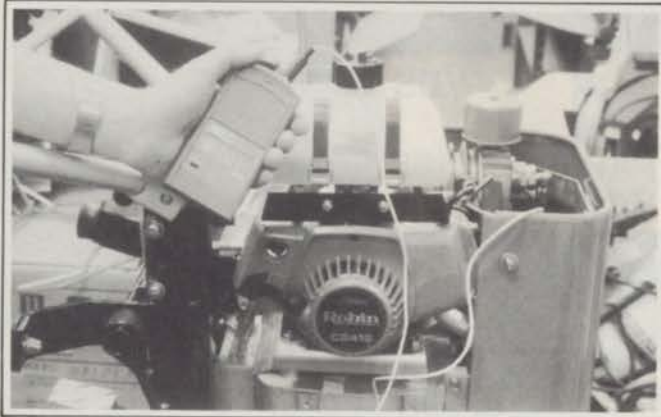


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**SEE US ON STANDS M 030 - 031 AT THE I.O.G. SHOW**

# I.O.G. SHOW PREVIEW

Continued from page 24



## A great deal more!

**S**ACHS-DOLMAR (UK)'s constantly increasing range of outdoor power equipment will be displayed at their stand number J14 to 16 during the IOG Show.

From Sachs-Dolmar, twelve models of chainsaws covering all needs from the casual user to the professional will be displayed, with the new model 115i Safir making its first appearance.

The patented injection-type carburettor which eliminates the problems caused on many makes of saws by lead free and synthetic fuels, is now featured on four Sachs-Dolmar chainsaws.

Also from Sachs-Dolmar is the Disc Cutter Model 309 Extra, a modified and improved version of the machine, now available with the new dust suppression system. Incorporating an anti-vibration system, the 309, together with all Sachs-Dolmar engines, can use either lead free or leaded fuel.

The new brushcutter range from Sachs-Dolmar has a 21cc engine and is available with a choice of handle and shaft to suit a variety of cutting needs. Also at the stand will be the

*A valuable new engine servicing aid - the Revco Digital Engine Revolution Counter, has been introduced by Sachs-Dolmar (UK) Ltd, who are major attendees at IOG.*

Sachs-Dolmar HR-100 power washer which was introduced last year.

On show at IOG for the first time, are the eleven Sachs-Dolmar (UK) rotary lawnmowers in two ranges, the 'Premier' and the 'Standard'. The 'Standard' range has the very low cost electric Ondaverdi 14" and three Briggs & Stratton powered 19" versions. The seven 'Premier' models all have a blade brake and are powered by the world renowned Kawasaki VX 4-stroke 4.5hp engine. Designed to cut wet or dry lawns down to 4mm, they are available in 19" or 21" blade models and with power drive and electric start.

As sole Robin UK concessionaires, Sachs-Dolmar (UK) will display the full range of eight brushcutters ranging from the 16cc Model NBF 171 to the professional 50.7cc Model NB 50L and including the new 34cc Model NB 351.

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## I.O.G. SHOW PREVIEW

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You can find the pre paid reader reply card facing Page 68. Simply fill it in and send it to us. It will quickly be forwarded to the company/companies involved.

# GOLF LANDSCAPES LTD.

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P25 - 27



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**Wetta-Soil** - The Australian market leader. This wetting agent gives an effective even wetting of water repellent soils, normally with one application per year.

**Bio-Vegetal** - The organic soil conditioner which breaks down the fibre and thatch, converting it to nutrients to feed the living grass.



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\*'Didin' is a trade mark of SKW Trostberg AG

# I.O.G. SHOW PREVIEW

Continued from page 27

## MAXWELL HART

**M**AXWELL HART will once again be exhibiting at the IOG Show. This year's new location at Peterborough offers an exciting challenge, and Maxwell Hart's new stand can be found on row P numbers 25-27.

Among the exciting new innovations for Maxwell Hart, will be the Envirogreen Division which specialises in Agrochemical disposal of chemicals either no longer cleared by MAFF or surplus to the customers' requirements.

Additionally, Envirogreen offers a unique contract disposal service for all your empty containers.

John Allbutt of John Allbutt Associates will also be on the stand from 1.30 to 3.30 p.m. on the Tuesday and Wednesday, to give anybody advice on COSHH and FIPA legislation.

The complete range of new products will be on show from Maxwell Hart's Australian wetting agent Wetta Soil, a new super safe graffiti remover Odourlow and Bio Vegetal which will destroy your thatch

layer.

Also featured is the complete range of Maxwell Hart quality goods, standard golf, elite grass seeds, quantum green fertiliser, along with a comprehensive range of turf maintenance equipment and materials.

## GRADEALL INTERNATIONAL LIMITED

**G**RADEALL International Ltd. will be exhibiting their SS100 Screener/Shredder at the IOG Show.

The SS100 is a versatile and portable machine for soil processing which has the facility to shred, grade and stockpile previously unmanageable material.

The machine has a growing reputation of excellence with greenkeepers and golf course construction companies and it can also be used for many different types of applications i.e. peat, sand, compost and solid fuel etc.

GradeAll manufacture a range of equipment including soil sterilising systems and prepackers.

Stand G48-49.

## HAULER (EUROPE) LTD

**T**HE U.K. manufactured Hauler AT500 is an economical load carrying all terrain vehicle that is easy to manoeuvre in tight spaces.

The high flotation tyres provide minimal compaction, enabling many tasks to be carried out without damage to the land. The AT500 can tow a range of turf-care equipment and trailers, in addition to being capable of moving a wide range of boats or caravans around suitable sites.

**Don't miss the IOG Show at Peterborough next month! It's one of the best in the business...**

Both 18 horsepower petrol and 15 horsepower diesel engined versions are available. The range of options include a cab, full lighting kit, and hydraulic tipping. Mesh cages suitable for transporting stock or leaf and litter collection can also be supplied.

Examples from the range of trailers available will also be on show.

IOG Stand KO12 and KO13.

## UNDERGEAR ARE THE SPECIALISTS IN TURF TYRES

**B**ESIDES the unique Goodyear Terra Tyre range (for which Undergear is sole UK distributor), tyres from Trelleborg, Continental, Bridgestone, Armstrong, Michelin and Dunlop are available from Undergear.

In addition Undergear have developed their own "golf" design tyres which are supplied to major tractor manufacturers and are in use on courses in many countries in Europe and the Far East.

Traction tyres are also available in a vast range of sizes.

Flotation (LGP) conversions, particularly of 4WD tractors, for golf course or amenity use are engineered to individual requirements - with wheel equipment manufactured in-house.

Expert advice on tyre selection is freely available.

Continued on page 30

## TERRA-TIRES

As sole UK distributor for Goodyear Terra-Tires, Undergear carry the complete range of sizes and types, including built-up tyre and wheel units for LGP conversions.

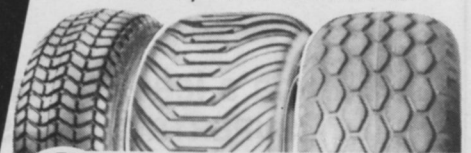
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## GOLF TYRES

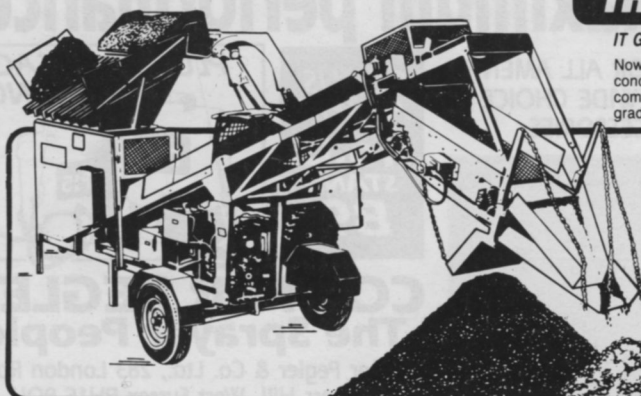
Exclusive golf-pattern tyres available to fit any tractor front or rear.



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## THE SS100 . . . FIRST ON THE GREEN

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The SS100 performs aggressively on even the poorest quality damp soil with stones, shrubs and sods producing high quality loose and manageable soil. In fact, the SS100 turns tough, lumpy organic humus into pure, workable compost.

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# I.O.G. SHOW PREVIEW

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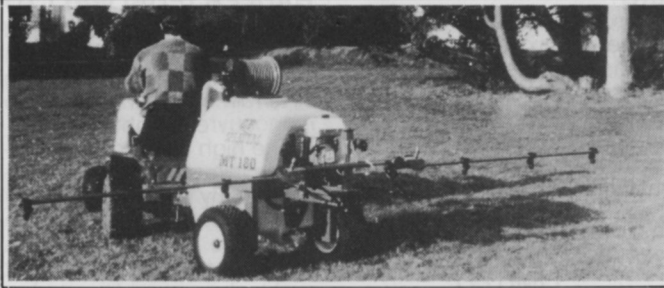
## SHELTON TRENCHING

**S**PORTSTURF drainage – ways of reducing its complexity and cost – will be featured by Shelton Trenching at the IOG Show. New at the Show will be the Shelton Supertrencher Discus 625. Tractor mounted, the conveyor loads excavated soil into a trailer running parallel. The conveyor is mechanically driven; grading by laser is precise. Existing models of trenchers remain in production.

Also on show will be the latest trenchless machine from Shelton – their Mark 3 Gravel Band Drainer. Drainage costs of sports pitches can be dramatically reduced using this system.

Shelton Gravel Hoppers for speedy backfilling of narrow trenches will be displayed. Shelton Sand Placement Hoppers are equally good for topping trenches with sand initially, or subsequently when settlement has occurred.

Stands H63-64.



The Cooper – Pegler exhibit at IOG – the MT 180 mini-trailer sprayer.

## COOPER PEGLER

**C**OOPER Pegler will be exhibiting a full range of spraying equipment including the renowned CP3 Super and the CP15 Super knapsack sprayers at the IOG Show.

Of particular interest are the MT180 and MT90 mini-trailer wheel-mounted sprayers; ideal for the maintenance of golf courses, large gardens, estates as well as parks, sports grounds and for use by commercial growers.

They are designed for towing behind lawn tractors, ride-on mowers and ATV's or alternatively, they can be hand-pulled.

Tank capacity is either 90 or

180 litres. Optional features include; twin booms, hose, hand lance and trigger valve, petrol or electric variants.

The Falcon Pneumatic Sprayers are versatile and can be used to spray almost any liquid. Available in galvanised and stainless steel and in three capacities – 5, 10 and 16 litres.

The shoulder strap or carrying harness and integral lance holder make it an easy appliance for the groundsman to operate.

A Pressure Control Regulator 0.2-2.8 bar enables the contents to be sprayed at a preset, rather than a falling pressure.

## JACOBSEN

**J**ACOBSEN'S role as a leading company in the supply of turfcare equipment will be reinforced at this year's Institute of Groundsmanship exhibition with the unveiling of several new and exciting machines.

Pride of place on the Jacobsen stand will be a new 5-gang hydraulic cylinder mower which has been designed to fit into a number of markets but will be of particular interest to local authorities, park departments and golf courses. Jacobsen's new hydraulic mower is equipped with heavy-duty 30 inch cylinders providing an overall cutting width of 11 feet (335 cm). The cylinder mower frame is front mounted and can be removed.

## HAZLEWOOD

**H**AZLEWOOD Trailer Specialists will be exhibiting a selection of their range of galvanised trailers specially designed for the transportation of mowers and other horticultural equipment, at the IOG Show.

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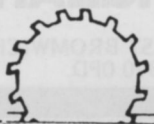
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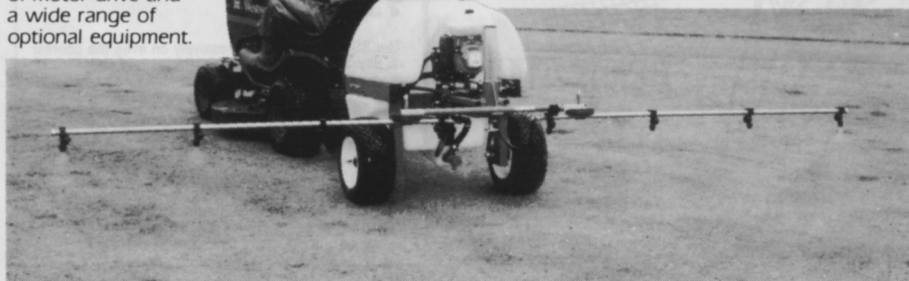


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STANDS H63  
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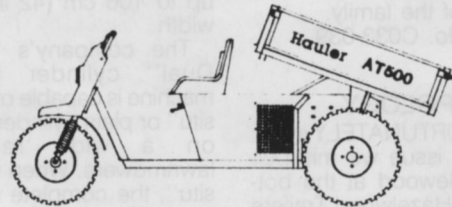
**HAZLEWOOD ENGINEERING CO. LTD.**

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See us on Stands C33 - 39 at the I.O.G. Show

## Hauler (Europe) Ltd.

# THE HAULER A T 500



- VERSATILE with HIGH FLOTATION TYRES and GOOD MANOEUVRABILITY
- TOUGH - STEEL Box Section CHASSIS AND STEEL BED with REMOVABLE DROP SIDES
- PETROL and DIESEL ENGINE VERSIONS
- RANGE of OPTIONS including CAB and HYDRAULIC TIPPING
- RANGE of TRAILERS

For further information visit us at  
The I.O.G. Stands K012 and K013  
or contact: Hauler (Europe) Ltd  
4 Chapel Street, Stafford, ST16 2BX  
Tel: 0785 213338. Fax: 0785 55002

# Agriclerk®

SEE US ON STAND PCS 9 AT THE I.O.G. SHOW  
**SECURITY CABINETS**

Records now available  
C.O.S.H.H.



**KEMBIN CHEMICAL STORAGE CABINET** 200 litre Capacity, Steel Construction, Retaining Sump, High Security Five Lever Chubb Lock, Chemical Warning Signs, meets requirements given in guidance by Health and Safety Executive. Cost **£426.60 plus VAT**

**CONTRACTA-BIN**, 70 litre Capacity, Steel Construction, Two Chemical Compartments, Vapour Proof, Separate Safety Clothing Locker, Warning Signs, Weather Proof, Bolt Down or Transportable, ideal for Services Vehicles, Lockable. Cost..... **£155.45 plus VAT**

**MINI-BIN**, 40 litre Capacity, Steel Construction, Two Chemical Compartments, Vapour Proof, Chemical Warning Signs, Weatherproof, Transportable or Bolt Down, Lockable. Cost..... **£110.30 plus VAT**

**TRUCK BOX**, Chainsaw or Tool Cabinet, Steel Construction, Weatherproof, Two Compartments, Designed for Land Rover, Pick Up Truck or Service Vehicle Use, Robust, Lockable. Cost..... **£155.45 plus VAT**

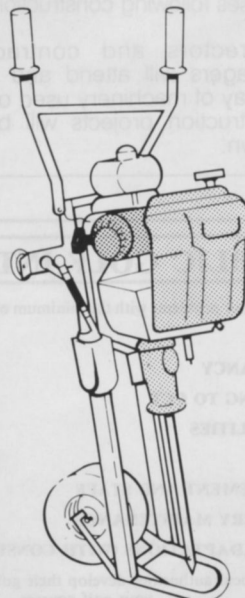
**TOOL-BIN**, For on Site Storage of Power and Hand Tools, Steel Construction, High Security Five Lever Chubb Lock, Fire Resistant, Movable by Fork Lift or Slings, Weatherproof, Castor Wheels. Optional Cost..... **£426.60 plus VAT**

**PETROLEUM STORAGE CABINET**, 200 litre Capacity, Steel Construction, Retaining Sump, Raised Floor Shelf, Five Lever Chubb Lock, Fire Resistant, Hazard Warning Signs, Ventilated. Cost..... **£442.85 plus VAT**

OUTLOOK, STATION ROAD, STONEGATE, NR. WADHURST, EAST SUSSEX, TN5 7EP  
TEL: (0580) 200292 & (0860) 633214

# SOIL COMPACTION?

*The Robin Dagger will relieve compaction and improve drainage without surface damage.*



- Creates a permeable substructure
- Injects oxygen into the soil and around roots
- Encourages plant roots to spread both outward and downward
- Loosening of soil allows more efficient absorption of fertilisers
- The Dagger is both light and portable

**SACHS**

**DOLMAR SACHS-DOLMAR (UK) Ltd.**

SACHS-DOLMAR House, Clare Street, Denton,  
Manchester M34 3LQ. Tel: 061- 320 8100. Fax: 061- 335 0114.

Please send me more information on the Robin Dagger

Name \_\_\_\_\_

Company \_\_\_\_\_

Address \_\_\_\_\_

Stand J14 to 16 at IOG

# I.O.G. SHOW PREVIEW

Continued from page 30

The family-owned British company has continually developed their products over the past ten years to accommodate the ever changing requirements of the industry.

Both present and new customers are invited to visit their stand for a chat with a member of the family.

Stand No. C033-039.

## APOLOGY

**U**NFORTUNATELY in our July issue we misspelt Hazlewood at the bottom of the Hazelwood Trailers advertisement, which appeared in our G.M.A. Preview. We would like to apologise to Hazlewood Engineering for any inconvenience caused.

## AGRICLERK

**A**GRICLERK is a leading supplier of chemical log books, charts and signs.

They will be exhibiting their highly successful Kembin Contracta-Bin and Mini-Bin at the IOG Show. They will also be showing the very popular petroleum storage cabinet.

To meet the C.O.S.H.H. regulations Agriclerk have produced assessment control pads hazardous chemical pads, health surveillance records and finally the C.O.S.H.H. and warning signs. I.O.G. stand PCS9.

## ATTERTON & ELLIS

**A**TTERTON & Ellis offers a range of machines to sharpen all sizes of cylinders and bottom blades.

The "Master" cylinder grinding machine is designed for sharpening large quantities of heavy duty cylinders and is suitable for machines having up to 106 cm (42 in) cutting width.

The company's "Express Dual" cylinder grinding machine is capable of both "in-situ" or plain cylinder grinding on a wide range of lawnmowers. When used "in-situ", the complete mower is located centrally on the machine and locked into place, the grinding cycle taking place without the usual 'strip-down' of the mower. Separate cylinder grinding may also be undertaken when the busy periods are over and the mower requires a 'full' service. Bottom blades have to be removed for separate grinding.

A "Public Authority" version of the Express Dual is available featuring a heavy duty mains electric motor.

A "Professional" kit to enable "in-situ" sharpening of a wider range of cutting units is also available at extra cost.

Visit the IOG show – held for the first time at the East of England Showground, Peterborough.

The "Pilot" plain cylinder grinding machine is produced to meet the needs of the smaller workshop – say 5 to 10 medium sized mowers and incorporates the essential features of the other machines, but without the high capital outlay.

Arranged for bench fixing, the "Pilot" features the "Easitru" system of setting up which combines accuracy with simple mounting of the cylinder.

The "Anglemaster" is suitable for grinding bottom blades up to 42 in long and features an adjustable eccentric bar, to which the sole-plate assembly is attached. The blade and mounting bar can then be rotated for grinding the front or top lip to any desired angle.

Other bottom blade grinders include the "FHI Fastcut" for blades up to 24 in length and the "FH2 Supercut" for blades up to 36 in length. Further details are available from David Smith.

## JOHNSONS SEEDS

**J**OHNSONS Seeds are using the IOG Exhibition to launch a new marketing concept – the 'J' team.

The 'J' team symbolises the strength of the company through 170 years of experience in the seed industry, the expertise of its staff and the commitment to quality inherent in every aspect of the work.

The quality concept and the closely integrated nature of the company's services are reflected visually in photographic panels covering breeding, trialling, production, technical, advisory and marketing, with particular attention being given to customer satisfaction.

On prominent display will be turfgrass selected from the Johnsons J range of mixtures.

## WATERMATION

**W**ATERMATION will display their wide range of specialist sprinklers suitable for every possible irrigation application at the IOG Show.

These will include the long range pop-up GN sprinklers developed by Watermation for golf course use and the specialist Hunter and Richdel range for both turf and all aspects of landscape irrigation.

They will also show for the first time their latest, quality, drip irrigation outlets, which are especially useful for localised shrub and tree irrigation.

These can be completely buried to give gentle irrigation that is virtually vandalproof.

There will be a special display this year showing the various means of controlling the timing of an automatic irrigation system. There is now a very wide choice including the very simple, non electric, "on/off" Nelson Raindate, the 12 station mechanical programmers and the electronic 4/12 station controllers.

For larger schemes there is the Watermation TW2 two wire computer controller, now in extensive use throughout Britain and Europe, especially on golf course schemes.

New to the Watermation range this year and on show for the first time, will be the system developed for the new East Sussex golf complex.

This is a satellite system suitable for controlling the largest and most comprehensive of irrigation systems whilst allowing for "on the spot" flexibility.

The core or central control of this system is a PC compatible computer which is connected up to the desired number of field satellite controls, each satellite commanding a particular grouping of sprinklers around the course.

Continued on page 34

## GOLF LANDSCAPES

**W**ITH over twenty years of technical expertise and experience, Golf Landscapes Ltd, stands H25-26 and H45-46 will have staff on parade to discuss the professional service they offer to the golf course construction market. With a highly experienced workforce and their own fleet of specialist

machinery, they are able to undertake the most complex of constructions and also the long term maintenance of golf courses following construction.

Directors and contract managers will attend and a display of machinery used on construction projects will be shown.

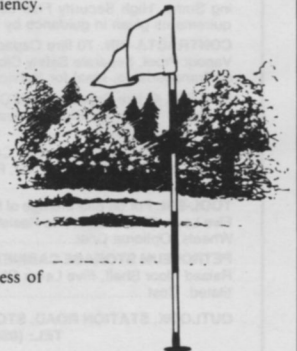
## TAKING PUBLIC GOLF INTO THE FUTURE

Let us help you. Our highly skilled team can help solve your problems with the minimum of effort and improve your existing ideas to the maximum efficiency.

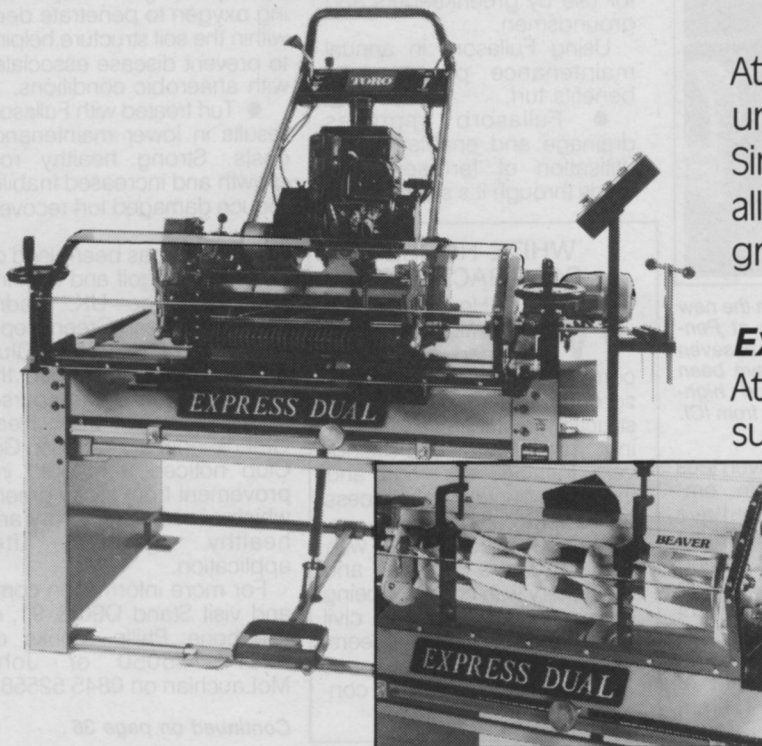
- SITE FEASIBILITY
- MANAGEMENT AND FINANCIAL CONSULTANCY
- SOUND ADVICE ON ALL MATTERS RELATING TO CCT
- RECOMMENDATIONS FOR IMPROVED FACILITIES
- MARKETING PHILOSOPHY AND POLICY
- TRAINING AND RECRUITMENT OF MANAGEMENT AND STAFF
- THE VERY BEST IN COURSE AND MACHINERY MAINTENANCE
- NEW CONCEPTS IN DESIGN AND COURSE ADAPTATIONS (WITH CONSERVATION VERY MUCH IN MIND).

We have over twenty years of experience of helping local authorities develop their golf facilities. Take our advice now to secure the future success of your golf courses.

**GOLF COURSE MANAGEMENT (EUROPE) LTD**  
Sheen House, 254 Upper Richmond Road West, East Sussex SW14 8AG  
Phone: Switchboard 081 878 9130. Direct 081 878 8432. Fax: 081 878 8181



# Peace



The reliability and accuracy of an Atterton Grinder is unrivalled, even under the most arduous conditions. Simple to use, an Atterton Grinder allows the operator to precision grind every time.

Models include the proven **Express Dual** – an innovation from Atterton & Ellis. The first and highly successful "in-situ" grinder that will accurately sharpen cylinders still fitted to the mowing machine or, alternatively, cylinders may be removed for

a full strip down during the less busy periods and sharpened just as accurately.

The "**Master**", a giant among Grinders – built to a standard that others try to follow and capable of grinding larger cylinders on gang mowers.

Bottom blade grinders include the **Anglemaster** – a precision grinder that complements both The **Master** and The **Express Dual**.

**Professional Grinders for Professional People – from the people who have been grinding for over 100 years.**



# of mind



**ATTERTON & ELLIS LTD**

Manufacturers of Fine Grinders for over 100 years

Iron Works, Haverhill, Suffolk CB9 8QH.

Tel: (0440) 702312 Fax: (0440) 712138

# I.O.G. SHOW PREVIEW

Continued from page 32

## ICI ADVANCED TURF SYSTEMS

**T**ECHTURF, a natural turf system with exceptional wear and structural properties, has been used to surface seven tees at St. Mary's Golf Course at Pencoed, South Wales, which officially opened this month.

The 6000 yard course was designed by Welsh national coach Peter Johnson on a 100-acre farmland site and built in ten months by Llangadock Estates of Pencoed. The tees for six short holes and the 252 yard first hole were surfaced with Techturf.

Developed by ICI Advanced Turf Systems, Techturf consists of a sand and fertiliser growing medium which is reinforced by small pieces of plastic mesh, with selected grass varieties. The mesh is mixed within the growing medium and forms an interlocking matrix through which the grass roots can grow. This growing medium is laid on a base appropriate for each project and is then turfed or seeded as required.

At St. Mary's Golf Club, the Techturf system was used to create a hard-wearing, quick-



*Playing off the first tee on the new St. Mary's Golf Course at Pencoed. The first tee is one of seven on the course which have been built using the Techturf high-performance turf system from ICI.*

recovery surface for seven tees constructed on 1.8m embankments. The tees have continued to play well in wet conditions, and grass cutting has been carried out with no damage to the embankment sides.

The mounds were built with stone rubble to a height of 1.2m, followed by a 150mm layer of earth.

## FULLASORB NATURAL TURF CONDITIONERS

**L**APORTE will be exhibiting their Fullasorb range of natural soil conditioners for use by greenkeepers and groundsmen.

Using Fullasorb in annual maintenance programmes benefits turf.

- Fullasorb improves drainage and enables better utilisation of fertilisers and feeds through its selective ab-

sorption and release of water and nutrients.

- Fullasorb reduces compaction by maintaining a friable soil structure.

- Fullasorb promotes deep healthy root growth by enabling oxygen to penetrate deep within the soil structure helping to prevent disease associated with anaerobic conditions.

- Turf treated with Fullasorb results in lower maintenance costs. Strong healthy root growth and increased friability reduce damaged turf recovery time.

Fullasorb has been used on hundreds of golf and bowling greens in the UK. Cedric Gough the Head Greenkeeper at Broadway Golf Club believes it has extended the playing period of the course.

Garry Haggan when Head Greenkeeper at Hollywood Golf Club noticed a marked improvement from sticky greens which oozed water to dry and healthy greens after application.

For more information come and visit Stand D90 & 91, or telephone Philip Monks on 0737 765050 or John McLauchlan on 0845 525585.

Continued on page 36

## WHITE HORSE CONTRACTORS

**W**HITE Horse Contractors Limited are fully equipped to offer a complete service in sportsground and golf course construction, including earthmoving, drainage, sand-slitting, verti-draining, seedings and the construction of access roads with car parks etc.

All work is carried out with the company's own staff and machinery with contracts being supervised by qualified civil and land drainage engineers.

If you have any queries please do not hesitate to contact them.



## White Horse Contractors Limited

Established 1957  
See us on Stand 0 10  
at the I.O.G. Show

## SPORTSTURF DRAINAGE

DESIGN - CONSTRUCTION

SANDSLITTING

VERTI-DRAINING

IRRIGATION



RING

OXFORD (0865) 736272

5 LINES

FAX: (0865) 326176

FULLASORB, a natural soil conditioner, absorbs and releases water and nutrients, enhances drainage and relieves compaction.



For more details contact

LAPORTE EARTH  
Tel: 0737 765050

# About Turf.

## Important information.

Results from STRI trials 1987-89 show consistent good colour and growth through the season from one application. Of course you'd like to know the reason why. Find out, immediately by returning the coupon. You can have detailed trial results to determine your turf needs. It's a service that costs you nothing but offers a great deal.



## Optimum results with Osmocote N.

100% controlled release nitrogen assures even growth through the whole season. No flush of growth in spring, unaffected by rain-fall or irrigation. One application can be safely made at any time of year. No leaching of nitrates means an environmentally friendly product.

## For prompt information.

Post the coupon today and we'll send you the information by return.  
Sierra U.K. Ltd. Telephone (0602) 455100.

# Sierra

High technology in plant nutrition

SEE US AT  
COVERED PAVILION B  
STAND 3 AT  
THE IOG SHOW

## Coupon

Name \_\_\_\_\_

Address \_\_\_\_\_

Place \_\_\_\_\_

Telephone \_\_\_\_\_

Tell us which type of turf and we'll supply a special recommendation.

- Golf course
- Football pitch
- Amenity turf
- I'd like a Sierra representative to visit. Call me to make an appointment.

Sierra supplies high quality controlled release fertilizers for:

- Bedding plants
- Container nursery stock
- Cutflowers
- Fruit trees
- Landscape
- Potplants
- Sports turf
- Strawberries
- Vegetable plants
- Water cress

Please return this coupon in a sealed envelope to Sierra UK Ltd., Freepost, Nottingham. NG2 1BR.



Controlled Release Fertilizers

Water soluble fertilizers

Registered tradenames of Grace Sierra, Horticultural products, PA, USA.

Continued from page 34

## SIERRA UK LIMITED

**S**AND based greens are a feature of the golf course today. They offer the advantage of superb drainage but have associated nutrient problems which need to be considered by the constructor and course manager.

Sierra (UK) Limited, who will be exhibiting at the IOG Show, are experts in the management of sand constructed greens fertilisation.

Turfgrass requires a balanced supply of nutrients constantly. Sand, unlike loam, contains no nutrients. All major and minor (trace) nutrients must be applied as a fertiliser, N.P.K. alone is not adequate.

Free draining sand construction – rapid leaching of major and minor (trace) nutrients where normal fertilisers are used.

High rates of normal fertilisers in the seedbed at construction increases the risk of root scorch of the young grass seedlings. Fertiliser strength is

## Is this the biggest slitter in the world?

**C**HARTERHOUSE Turf Machinery will be asking, at the I.O.G. Exhibition in Peterborough this year, if their goliath slitter is the biggest slitter in the world.

To quote statistics, it has a working width of 2.5 metres and an all up weight in excess of one and a half tons. Its 128 knives are over 10" long and give an intensive slitting pattern whilst being driven at a speed of 9 m.p.h. Despite its size, the unit folds down in two minutes to enable it to gain access through narrow gateways and travel between sites at speed behind the towing unit.

Also on show for the first time will be Charterhouse Turf Machinery's new post puller, specifically designed to avoid the many back problems experienced by groundsmen when they are trying to remove rugby goal posts - an exercise which has also been known to kill.

The machine is simplicity itself: It fits on any forklift, but is particularly designed to mount on the Charterhouse Handlift. Having been clamped to the post, it easily lifts it from the ground and rotates it through 90 degrees ready for carrying to storage. The process is simply reversed for the start of the next rugby season.

The second introduction is the Charterhouse Pressure Frame, which comes complete on the company's Multi-Purpose Spiking Frame, already well-known to groundsmen throughout the country.

Other products on display will be Charterhouse top dressers, overseeders, mole ploughs and, of course, the now world-famous vert-drains. All of these products bear the Charterhouse hallmark of sound design, quality, craftsmanship and robust construction.

greatest when the requirement is lowest.

Establishment is inhibited, substantial amounts of the fertiliser are leached away and lost before there is any chance of uptake by the plant.

Sierra believes the answer is Osmocote Plus 12-14 months 15 + 9 + 11 + 2MgO + Traces which is a controlled release fertiliser with all major and minor nutrients in every granule.

The fertiliser is gradually released through the coating feeding the turf gradually and evenly month after month. The coating separates the concentrated fertiliser from the environment preventing leaching and scorch of the tender young plants, Osmocote simply provides the nutrient gradually as it is required.

Simply work Osmocote Plus 12-14 months into the sand layer to a depth of two to five cm at seeding time or up to two weeks before. Use 7kg per 100 m<sup>2</sup> (70 gms per m<sup>2</sup>). No other fertiliser is necessary at this stage and pH should be adjusted to normal levels.

Continued from page 37

SEE US ON STAND N23-24  
AT THE IOG SHOW



## HIGH OUTPUT ALL DAY LONG

- That's what you seek with the Turfmaster 375 and 390.
- They're fast on the job – up to 7½ mph cutting speed. And fast between jobs – up to 14½ mph transport speed.
- They cover a lot of ground – up to 7½ acres an hour.
- They'll work all day without refuelling.

And, thanks to special Turfmaster features, they provide exceptional stability and traction for working on slopes, banks and difficult areas.

**We know our customers' needs.**

# TURFMASTER

CARING FOR CUSTOMERS

Turfmaster Machinery Ltd

Corringham Road Industrial Estate, Gainsborough, Lincs DN21 1QB  
Tel: 0427 614776, Fax: 0427 614779

**THERE'S ONLY  
ONE AERATOR  
THAT REALLY  
CRACKS  
COMPACTION.**



# THE UNIQUE VERTI-DRAIN THE EFFECT IS SH

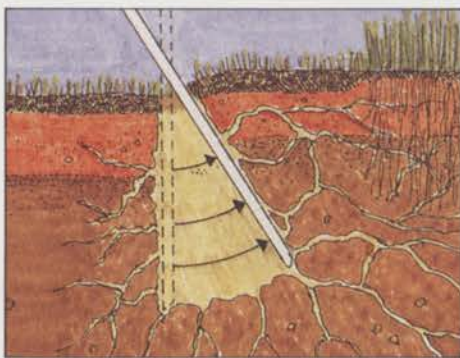


**It shatters compaction in the gentlest possible way.**

For really effective control of soil compaction you need the help of the world's most effective yet most gentle aerator.

The Verti-Drain.

Its unique action solves the problem by getting down deeper than any other machine



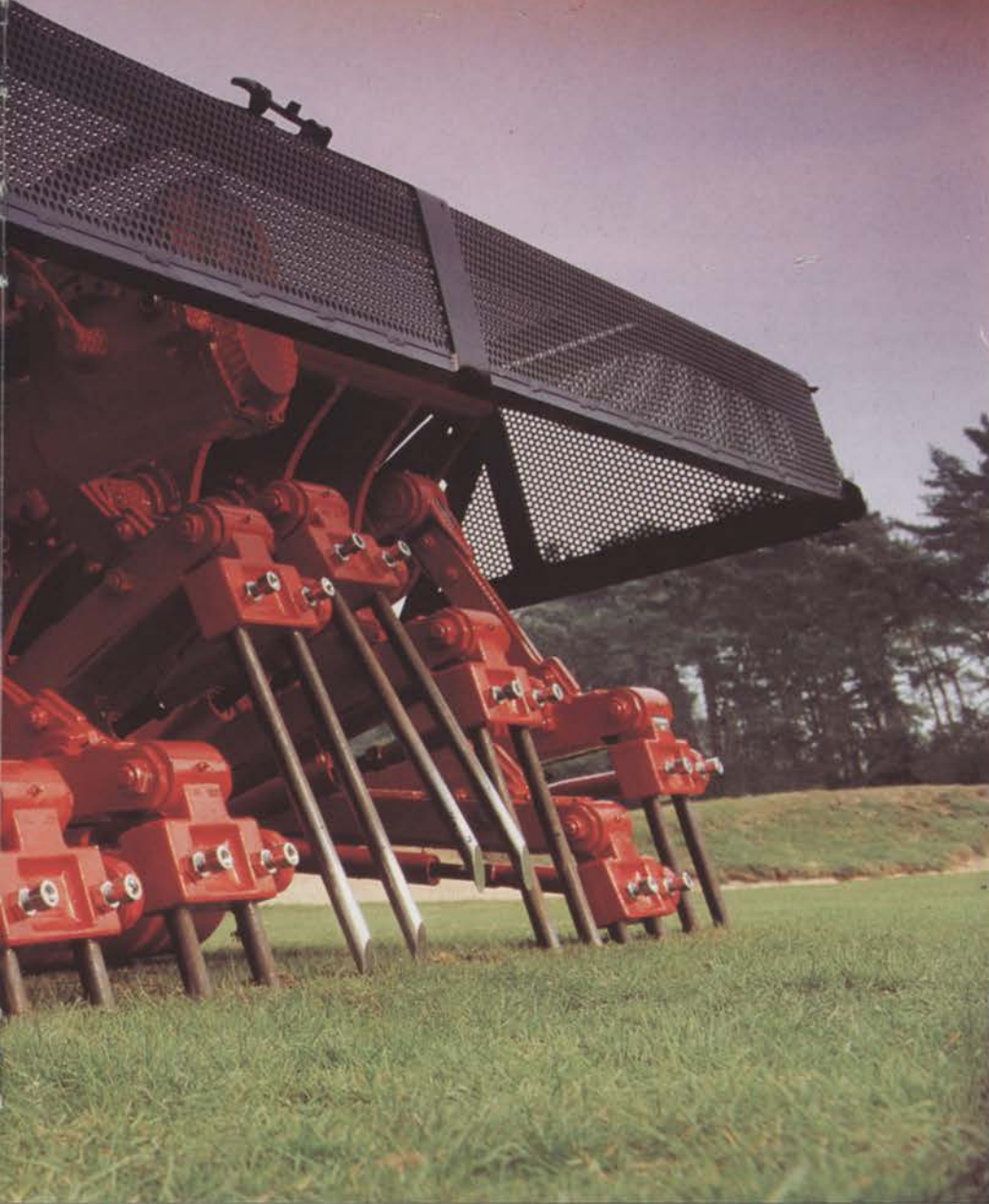
without damaging the playing surface.

The Verti-Drain has the power to drive its tines up to 16" into tough, compacted soil.

Then the unique 'lifting' action heaves the soil, much the same way as you'd apply a garden fork, shattering the compacted layers allowing air, water and



# VERTI-DRAIN. MATTERING.



fertilizer to penetrate deep into the soil.

You can vary the degree of 'lift' from ½" to 2½" to suit the seriousness of the conditions and the height is always uniform leaving the surface ready for immediate play.

Verti-Drain also leaves behind it vastly improved ground



Greens Verti-Drain.

conditions that will promote a stronger, more healthy root system, which in turn provides much healthier turf.

In fact, Verti-Drain has proved in practice to give shallow rooting grass 8" to 10" deep healthy roots in a matter of just 2 weeks, during the growing period.

**More sport, less work with Sports Ground Verti-Drain.**

The Sports Ground Verti-Drain (shown left) is available in



Popular Verti-Drain.

two widths, 2 metre or 2.5 metre, which make light work of wide open spaces.

Powered by the PTO of a tractor you can aerate up to 4 acres a day, and do it far more effectively than ever before.

A fact endorsed by greenkeepers and groundsmen all over the country who've had the benefit of experience of other systems and now swear by Verti-Draining.

In the words of Jack McMillan, Head Greenkeeper at Sunningdale.

"I can only describe the effect as staggering, never before have I seen such a dramatic and immediate effect from a new piece of equipment."

### **Tines for all times.**

To support the Verti-Drain as an all-round, all-season turf maintenance machine, we offer a wide range of tines to do the job.

From ½" to 1" diameter solid tines are available in 10" to 16" lengths and there's a range of 8" long hollow tines particularly useful when a soil exchange programme is the order of the day.

Changing tines we've also made a matter of the utmost simplicity, requiring no special tools beyond a spanner.

# THE RANGE THAT CRACKS COMPACTION.

No matter what the sport there's a Verti-Drain model to take on the toughest challenge.

First there's a brand new addition to our range.

The Pedestrian Verti-Drain.

As the name implies, it's a walk-behind, self-propelled unit that combines all the unique Verti-Drain benefits into an extremely compact machine.

It's the perfect machine for tackling smaller areas or where space or access is limited.

Next there's the Popular Verti-Drain which is designed to operate with most compact tractors of around 17 h.p. and is an ideal general purpose machine.

Following this there's the larger Greens Verti-Drain which, being heavier than the Popular,



requires a tractor of at least 27 h.p. and is suitable for a wide range of applications. Particularly on and around the golf course.

Lastly there's big brother.

The powerful Sports Ground Verti-Drain.

Available in either 2 metre or 2.5 metre widths, Sports Ground

Verti-Drain is the ultimate weapon against compaction on a larger scale.

Being heaviest in the range, the Sports Ground models require a tractor of 45 to 75 h.p. and are capable of covering the largest sports grounds or fairways with maximum speed and efficiency.

# THE BEST PRODUCTS AND THE BEST SERVICE.

At Charterhouse, quality is more than just a word.

It's a fundamental part of our company philosophy which, we hope, will become apparent to you in every sphere of our operation.

Our products for example, are the finest you can buy because of the quality of design, craftsmanship and construction that goes into them all.

Products that do far more than just 'do the job'.

They incorporate many

unique features that take turf management into a whole new dimension.

They are, we believe, the most advanced machines on the market today.

But even the best equipment would be of limited value without an after-sales and service back-up

that's every bit as good.

Here we believe we offer you the very, very best.

Not simply by having a first rate dealer network throughout the country.

Or by offering 24 hour parts availability.

It's by developing the kind of relationship with our customers, built on mutual trust and respect, that encourages a two-way dialogue, and enables us to build the machines we know you want.



Charterhouse Turf Machinery Ltd., Pink's Yard, 34 Church Road, Milford, Surrey GU8 5JD. Tel: Godalming (04868) 24411 and 21040. Telex: Teknis G 859585. Fax: (0483) 860184.

Due to a policy of continuous improvement, specifications are subject to change without notification.

Please send me details of Verti-Drain  Other Charterhouse products  Type of application: Golf course  Playing field

Other (please state) \_\_\_\_\_ Name: \_\_\_\_\_ Position: \_\_\_\_\_

Establishment/Company/Authority: \_\_\_\_\_

Address: \_\_\_\_\_

Post Code: \_\_\_\_\_ Tel: \_\_\_\_\_

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

# I.O.G. SHOW PREVIEW

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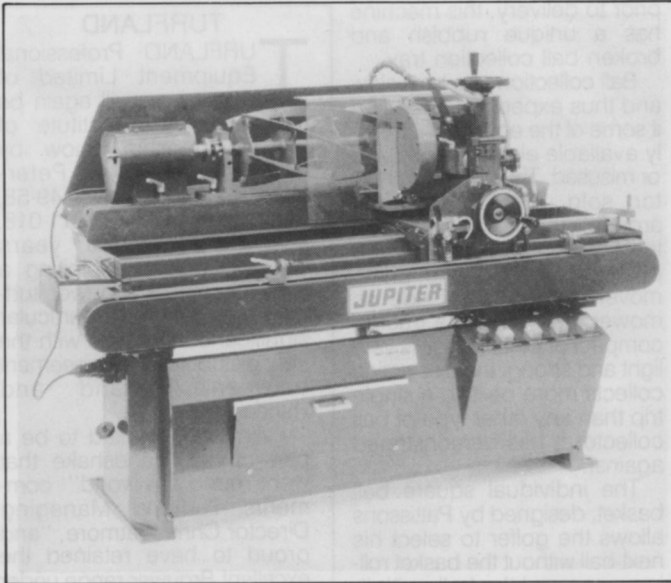
## ERIC HUNTER GRINDERS LTD

**H**UNTER Grinders will be demonstrating their popular machines at the IOG Show.

On display will be the JUNO 36" capacity mower cylinder and bottom blade grinder which has really made an impact with the mower repair trade generally and with some golf clubs in particular.

Many clubs are considering becoming autonomous with respect to mower maintenance. After spending several thousand pounds purchasing first-class mowing machinery, they then spend several thousands more having them maintained by contractors, most of whom run Mercedes.

By the simple act of acquiring an accurate and relatively cheap grinder such as the JUNO, and a person trained to use it, maintenance costs are halved, plus cutting standards improve. The JUNO uses a unique method of sharpening cylinders, which cuts down 'drag' against the soleplate, therefore wear and fuel consumption are decreased.



The Jupiter - a machine supplied by Eric Hunter Grinders Ltd.

The JUPITER 42", is a heavier, more sophisticated machine, used by the majority of councils in Britain and preferred by larger golf courses with 36 holes or more. Hunter's are in tune with the needs of today's greenkeepers. They strongly advise anyone thinking of 'doing-it-themselves' to have a chat.

**Why not make sure you are in our next feature? Ring Bill Lynch or Carol Dutton on 091 496 0003 NOW and be part of the Greenkeeping Management success story!**

## TURF MACHINERY HIRE

**T**URF Machinery will feature the range of Turfco topdresser-turfcutters and edgers at the IOG Show.

R & R Products are manufacturers of top quality replacement parts suitable for Cushman, Ryan, Toro, Jacobsen, Ransomes, Vertidrain, John Deere, Brouwer, National, Hahn, Kubota and Lesco.

The company also offers a specialist topdressing and overseeding service with Ryan Greensaires/GA30, Cor-emaster, Turfco Topdressers and the B.L.E.C. rotary turfmaker.

Professional machinery is also for hire. Reconditioned machinery is usually available.

Turf Machinery has recently been awarded the U.K. distribution rights for a heavy duty mower for slopes and banks which will be of particular interest to golf clubs.

See them on stand Nos: PCS11 18 & 19 at Peterborough.

Continued on page 38

**TURFCO**

## TURF MACHINERY HIRE



Gerald Brooks/Trevor Brooks  
Tel: 0483 764467 Fax: 0483 767928

West Port Farm, Horsell Common,  
Woking GU21 4YA, England

### Bantam Self-Propelled Turf Cutter



The Ideal Turf Cutter For:

- Nurseries
- Landscapers
- Building Contractors
- Schools and Universities
- Athletic Fields
- Golf Courses
- Park and Recreation Centers

Combines all the features you need to cut in all turf conditions

ORIGINATORS OF SPECIALIZED TURF CARE EQUIPMENT  
SEE US ON STANDS PCS11, 18 & 19 AT I.O.G.

U.K. DISTRIBUTORS FOR R & R REPLACEMENT SPARE PARTS  
Over "2,000" Quality Replacement Parts

TO FIT:

- |        |             |                 |                 |
|--------|-------------|-----------------|-----------------|
| LOCKE  | FMC         | OLATHE          | <b>RANSOMES</b> |
| TERRA  | FORD        | ROGERS          |                 |
| YAZOO  | MOTT        | <b>BROUWER</b>  |                 |
| BUNTON | <b>RYAN</b> | <b>CUSHMAN</b>  |                 |
| DANDLE | <b>TORO</b> | ROSEMAN         |                 |
| KUBOTA | EXCEL       | <b>JACOBSEN</b> |                 |
|        | LESCO       | NATIONAL        |                 |
|        |             | HAHN-WESTPOINT  |                 |
|        |             | STANDARD        |                 |
|        |             | JOHN DEERE      |                 |



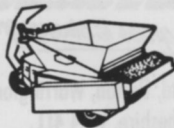
\*CONSULT THE SPECIALISTS.



MODEL A Turf Cutter



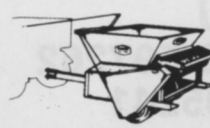
BANTAM Sod Cutter



METE-R-MATIC Top Dresser



EDGE-R-RITE All Purpose Edger



METE-R-MATIC II Top Dresser

We do HOLLOW or SOLID TINING with RYAN GREENSAIRES and CHARTERHOUSE VERTIDRAIN. Also CORE CLEARING with CUSHMAN COREHARVESTER

# I.O.G. SHOW PREVIEW

Continued from page 37

## PATISSONS

**T**HE Patisson name is more likely to be known by golf club secretaries and greenkeepers rather than the professional golfer, he who is so often the advisor behind the plans when a new driving range or golf course is being planned or built.

Patissons, a family owned company devoted to the manufacture and marketing of quality equipment and tools, particularly for the golf course, have a reputation for personal and individual attention to detail, thus their very complete array of equipment includes well tried and tested mats and every aspect of the golf course and range market, synthetic squares, with nylon "shaving brush" tees, to rubber link mats where major abuse is likely to be a feature.

The two ball dispensers offered by Patissons are mechanically simple yet curiously sophisticated, an 8500 ball capacity unit that is solid and very quiet in operation and a tall 12,000 ball capacity machine that both washes and dries range balls

prior to delivery, this machine has a unique rubbish and broken ball collection tray.

Ball collection can be a slow and thus expensive operation if some of the equipment readily available elsewhere is used or misused. The effective collector sold by Patissons is arguably the most efficient, yet least expensive of all, being pushed ahead of the prime mover, be it a small ride on mower, and ATV or a tractor, compact or otherwise, it is very light and strong, the disc action collects more balls in a single trip than any other type of ball collector it has demonstrated against.

The individual square ball basket, designed by Patissons allows the golfer to select his next ball without the basket rolling away and the balls with it. The large disc type distance markers are so designed that the number, being graded in size, looks the same from the golfer's stance position and is easily read. The mounting posts and ground sockets are well made and easily assembled.

From rubber tees to golf range balls, from hire quality golf clubs to bag stands Patissons have got the lot.

## TURFLAND

**T**URFLAND Professional Equipment Limited of Warrington will again be supporting the Institute of Groundsmanship Show by their presence at Peterborough, on Stand Nos 49-58, demonstration area 2/011-018.

As in previous years Turfland will be exhibiting a wide variety of Brouwer turf-care equipment, of particular significance this year with the new distributorship agreement between Turfland and Ransomes.

"We are delighted to be a part of the 'handshake that went round the world'" comments Turfland Managing Director Chris Watmore, "and proud to have retained the excellent Brouwer range under the Turfland roof."

This year sees the launch of a mid-size version of the mighty Brouwer Vac; just as efficient as its big brother, the 138 cu ft capacity Vac requires a smaller tractor to operate (only 20 hp at PTO), and is particularly effective where exceptional manoeuvrability is needed - between trees, for instance, or around bunkers and

tee areas on golf courses, and for grassed highway verges.

Gang mowers, the versatile Hitch-Hiker 3600, the full 'Turf Man's Package', led by the new SPH1600 Turf Harvester, and many other machines in the comprehensive Brouwer range will also be on show, as well as Brillion seeders and the exciting and innovative Rotadairon stone-burying machine, which is enjoying an outstandingly high level of sales since its launch at the IOG Show last year.

The MPG 2000 turf laying machine is another machine which is not just new to the Turfland stable; it has not been sold in the UK previously.

This revolutionary new machine means that turfing has never been more simple - or so fast. In only one pass, the MPG 2000 will rake and level the soil surface to aid good root establishment, unroll and lay a standard square yard of turf.

By laying further strips alongside each other the newly laid turf will be rolled flat by the machine's specially fitted flotation tyres and irrigated several times.

Continued on page 40

**Patisson**

At the  
Peterborough  
I.O.G. Show  
Sept. 4, 5, 6

STAND NO D25-44

PATISSON GOLF COURSE AND RANGE EQUIPMENT, GROUNDSMANS AND SPORTS CLUB TOOLS, WILL BE ON DISPLAY AT PETERBOROUGH.

- Ball Dispensers
- Ball Collectors
- Range Mats
- Distance Markers
- Baskets
- Nets
- Winter Tee Mats
- Tee Plates
- Tee Markers
- And Much More

If you cannot come and meet us, do phone for a catalogue, or a visit from our staff.

We have vans stocked with much of that we both manufacture and sell

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NO WEAR, NO TEAR, JUST

**F**rom sowing the seed to delivery to your site, Turfland offers you a complete service. Delivery by fully trained drivers via Turfland's own fleet of trucks with mechanical off-loading for minimum handling. Fine quality turves, cultivated and fully matured, tended and cared for at all stages in the growing process. To produce hardwearing, easily transportable rolls of turf to your requirements. Turf that will withstand all the rigours of daily use, to last a lifetime.

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*where the grass is always greener*

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**IRRIGATION PRODUCTS**

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KEMPTON**

**STAND  
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**You're  
welcome!**

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TORO PRODUCTS ARE DESIGNED ESPECIALLY FOR THE AUTOMATIC WATERING OF BOWLING GREENS, SPORTS PITCHES, GOLF COURSES, RACE COURSES, TENNIS COURTS, PARKS AND GARDENS AND LANDSCAPED AREAS.

Continued from page 38

## SALTAB holds first meeting

**T**HIS was one of the statements to emerge from the first meeting of SALTAB, The Sports and Leisure Trade Advisory Body, which met for the first time in Peterborough.

The new consultative body, was formed by The Institute of Groundsmanship as part of a continuing dialogue to respond to the future direction and needs of the industry as a whole.

Over 30 professional associations and individual pressure groups met at The East of England Showground

### RHÔNE-POULENC ENVIRONMENTAL PRODUCTS

**R**HÔNE-Poulenc is the UK's leading supplier of herbicides, fungicides and insecticides as well as products to control moss and grass growth.

Main feature on their stand will be a brand new range of products specially formulated for controlled droplet application and embracing total and selective weedkillers as well as turf fungicides.

A major advantage of the Rhône-Poulenc CDA brands is that the products can be applied through most lances producing a droplet size of 200-300 microns.

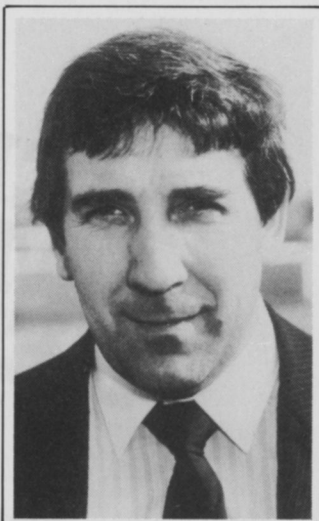
Also on display will be Simifix Granules – a newly introduced granular herbicide offering considerable cost savings against comparable products.

Stand No. 020/21

“The Institute of Groundsmanship's Sport and Leisure World Trade Exhibition is – ‘The best in the world for its breadth of trade coverage and the opportunity it gives visitors from home and abroad’.

– home of this year's Show – to pool ideas and perceptions of the Show and the IOG's approach to running and maintaining the world's top arena for the sports and leisure industry.

With the Show's move to Peterborough from Windsor, the fourth move since the Show began 44 years ago, the Institute wanted to make sure that all the new opportunities that the East of England Showground offers in terms of purpose built facilities, increased capacity for stands, huge demonstration areas and



Frank Hope – Chairman of SALTAB.

easier access from all parts of the country are fully utilised.

“People have been looking at Windsor through rose coloured glasses”, said Mr D. Hamilton who represented the Amenity Grass Marketing Association, “People don't like change, but I have to say that we had a lot of problems at Windsor. In fact”, he added, “we lost business simply because the Show was at Windsor.”

### CAPEL MANOR COLLEGE

**C**APEL Manor offers the complete range of training for groundstaff and greenkeepers. Courses range from basic skills in horticulture to advanced arboricultural and conservation management.

New this year is the National Intermediate Diploma in Turf Culture, a recognised qualification for all keen greenkeepers. Capel Manor offers this course to run on one afternoon and evening per week starting mid-September.

It is ideally suited to the greenkeeper who has achieved the City and Guilds Phase II Groundsmanship qualification or the person who wishes to increase his/her promotional prospects in greenkeeping.

The City and Guilds Phase II Year III day release course in turf culture and sports grounds' management covers the recognised practices and principles of groundsmanship. Most students also study for the IOG National Practical and Technical Certificates whilst studying on this course.

### RANSOMES

**T**WO famous names in turf equipment, Cushman and Ryan, will feature prominently on Ransomes' stand at this year's Institute of Groundsmanship Show.

Ipswich-based Ransomes' acquisition of the Cushman Ryan group last year has further transformed the company from a grass cutting machinery specialist into the world's leading manufacturer of equipment for all aspects of turf care.

Ransomes can now offer a total service from pedestrian and ride-on mowers used throughout the world – including 10 of the 12 World Cup pitches in Italy – to Cushman's multipurpose Turf Truckster and Ryan's aerators, power rakes, and overseeders.

Visitors to the IOG, this year at the East of England Showground, Peterborough will also see equipment from another, recently acquired Ransomes' company, Morel, which produces a series of pedestrian, ride-on, and tractor mounted leaf and refuse sweepers.

Ransomes' grass cutting machinery ranges from the heavy-duty Mastiffs used in the World Cup stadia to tractor mounted gang mowers, two and four-wheel drive Turftraks with their wide variety of attachments, to the state-of-the-art GT models.

Every conceivable application is catered for, from football and rugby pitches to the fine cutting of golf greens.

The Cushman Turf Truckster, which can be seen at the IOG, is often one of the first machines acquired for new golf course developments because of its reputation as a reliable workhorse for transporting soil and sand.

There is a wide range of easily interchangeable attachments which cater for the

Continued on page 42

## Let Capel Manor take you beyond "grass roots" level! Quality Training Provision in:

- Intermediate Diploma in Sports Ground Management (validated by I.O.G.)
- City & Guilds Groundsmanship & Sports Turf Management
- BTEC Leisure : NEBSM Cert & Diploma  
Courses start in September enrolling 3-7th September
- Open Learning in Groundsmanship & Sports Turf  
Other courses in Horticulture, Arboriculture and Countryside Management
- ★ “NEW” ★ “Visitor Attraction Management” City and Guilds/RSA course

Contact: Pat Webb, Capel Manor Horticultural and Environmental Centre, Bullsmoor Lane, Enfield, Middlesex. Tel: 0992 763849

Visit the Mobile Exhibition Unit at Peterborough  
4 - 6th September 1990 Site: Educ 22



# JACOBSEN®



*the crowning  
of a new King...*

JACOBSEN INVITE ALL LOCAL AUTHORITIES  
TO THE JACOBSEN'S PAVILION L AT THIS  
YEARS I.O.G. EXHIBITION IN PETER-  
BOROUGH, TO SEE THE SUPERB NEW  
GENERATION MOWER,

FROM THE KING MAKERS.

Jacobsen Division of Textron Ltd, Bergen Way, Unit 12, The North Lynn Industrial Estate, Kings Lynn, Norfolk, PE30 TJG.

# I.O.G. SHOW PREVIEW

Continued from page 40

spraying, top dressing, spreading of sand and fertiliser and aerating of turf.

Ransomes is now responsible for the worldwide marketing of the Cushman and Ryan products which are available in the UK through Ransomes' 26-dealer network.

In future, the Morel range of sweepers will switch from their traditional blue to the familiar Ransomes' livery of green. The sweepers can be used for roadside verges, parks and golf courses - in fact anywhere and everywhere that collection is required.

Morel sweepers can pick up grass left by rotary mowers, leaves and general rubbish, and if necessary dethatch grass in the fashion of a lawn rake. Rotary brushes, instead of a suction system, are used with optional, horizontally-rotating brushes directing fringe material into the path of the main brushes.

Europe has been the main market for Morel sweepers, especially France. But, they have also sold as far afield as Japan, a trend that will increase now that Morel has the advantage of Ransomes' worldwide dealer network.



The Squier Land Clearer.

## SQUIER AT IOG

A machine designed and made in the UK for carrying out the much needed task of clearing bricks, stones and debris off beaches around Britain, will be put through its paces at the IOG Show.

The Land Clearer is an innovation by Essex farming brothers Dan and Humphrey Squier. They have now established Squier Engineering, a company which supplies the domestic as well as export markets.

The design is based on a machine made by the brothers in 1981, which they then used on their farm to separate stones and clods prior to planting potatoes.

That version known as the Clodmaster went into commer-

cial production 7 years ago and is now used by farmers in the UK and in several countries overseas.

The Land Clearer has attracted interest from councils as well as landscape contractors, who use it on building sites, clearing land for golf courses, and amenity grounds.

"The apparent rush by farmers and developers to build new golf courses has opened up a significant market", reports Humphrey Squier.

But with summer approaching and the demand for stricter legislation, cleaning of Britain's beaches takes precedence. For this the Land Clearer is fitted with an attachment, turning it into a high capacity beach cleaner.

## LINDUM TURF SALES SUCCESS

JUST under a year after Geoff Hodson was appointed sales and marketing manager of Lindum Seeded Turf, they have a full order book and a number of notable firsts to their credit.

The company is the only one to supply turf as a full package with grass seed compatible with their turf for fairways and rough, fertilisers are also included as well as a soil analysis service.

In the last year Lindum have bought a farm near Thorganby, near York, which has increased their turf capacity to some 650 acres.

Last Christmas they were awarded the contract for turf, grass seed and wild flower seed for the 1992 Garden Festival of Wales to be held at Ebbw Vale. Recently they have also supplied all the materials for two new courses turf, seed and fertilisers at Tallpines at Bristol and Hawthorn Hill in Berkshire.

They have supplied in the last year turf to over 100 golf courses including Royal Birkdale, Wentworth, Walton

Continued on page 43

## MOLEY SMOKE!

If you are getting the hump over unsightly mole hills, this is the effective treatment:

SEE US ON STAND  
V13 AT THE IOG

## Phostoxin®

FUMIGATION TABLETS  
KILLS MOLES

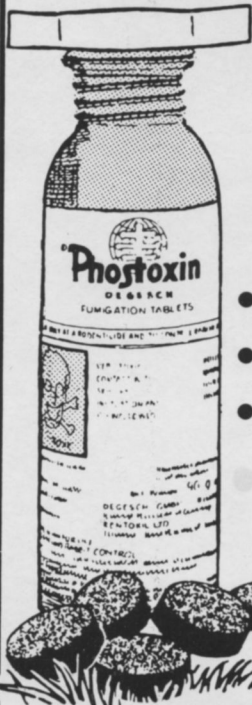
Detailed leaflet gives you full information:

- On the biology and habits of moles.
- How to identify 'live' areas to be treated.
- How to apply Phostoxin tablets to ensure successful control.

Contact:

### PITLAND CHEMICALS

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Read label before you use. Use pesticides safely.  
Contains aluminium phosphide.

## KINGS HORTICULTURE

### THE SUPPLIER OF:-

- GRASS SEEDS ■ FERTILISERS
- TOP DRESSINGS ■ SOILS
- SANDS ■ CHEMICALS
- PROTECTIVE EQUIPMENT
- TOOLS & SUNDRIES

FOR THE SOUTH-EAST,  
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Telephone: 0787 223300 Fax: 0787 224509

SEE US ON STAND  
PCS2/21-22



# I.O.G. SHOW PREVIEW

Continued from page 42

Heath, and in the near future they will be supplying turf to the new course at Froome and Gleneagles as well as Meon Valley. Lindum Seeded Turf supply a complete service from conception to completion which puts them on course to be the number one supplier to the golf course industry in the 1990s.

## TURF VARIETIES

Lindum Turf is grown from top STRI varieties under the most stringent conditions and subject to a rigorous care programme. The range includes: PAF Poa Annuua Free, Fescue/Bent mixtures for finest

golf and bowling greens.

**Heritage** Fescue/Bent for luxury lawns and prestigious applications.

**LG1** Fescue/Bent Four Top STRI varieties for golf tees.

**Sporturf** Fescue/Bent dwarf ryegrass and specials for sports pitches.

**LG2** Fescue/bent dwarf ryegrass/smooth stalked meadow grass for low maintenance amenity areas.

Customers are welcome to visit Lindum nurseries at any time by appointment, or turf samples will be supplied on request.

Visit them on Stand B40 at the IOG Show.

## MARSTON AGRICULTURAL SERVICES LIMITED

**M**ARSTON Agricultural Services (A.S. Trailers) have been producing trailers for the farming fraternity for over 40 years and with the advent of the compact tractor have designed a range of tipping trailers from 1.0 ton to 2.5 ton, to meet this expanding market.

These trailers have an all steel body with rear opening tailgate and dropsides. Optional equipment includes mesh extension kits and wide/low pressure tyres, making them suitable for various applications in parks and gardens, golf courses or just general purpose use for transporting sand, gravel, soil or other materials.

Also produced is a range of local authority trailers from 3½ ton GVW to 5 ton. These are high spec trailers specially designed to suit local authority applications with top/bottom opening tailgate, road lights, mudguards, sprung axle,

hydraulic brakes, or on the 3½ GVW only, overrun braking system.

For special local authority applications a 3 way tipping version of the 3½ GVW is available.

A specialist range of dump trailers from 5 ton to 12 ton is also manufactured, these have a heavy duty body suitable for handling gravel, stone and rubble. Their specification includes road lighting equipment and hydraulic cam brakes.

Various other specialist trailers have been designed to meet specific requirements from 3 way tippers to balanced trailers with turntable. See the price list for the full range of trailers readily available, or contact them if these do not meet with your requirements. With the wealth of experience in the A.S. Trailer design and production team, any specific requirements can be catered for.

Stand F.58 at IOG.

## ALLETT MOWERS

**T**HE Allett Super Shaver on show at Peterborough is a 20" pedestrian mower designed specifically for golf greens, bowling greens and cricket wickets.

It has an eight blade, high speed cylinder which gives 146 cuts per yard, and precision rollers for absolute accuracy. Height adjustment and cutter adjustment is quick and easy and there are independent clutches for cylinder and roller drive.

## A.F. TRENCHERS LTD

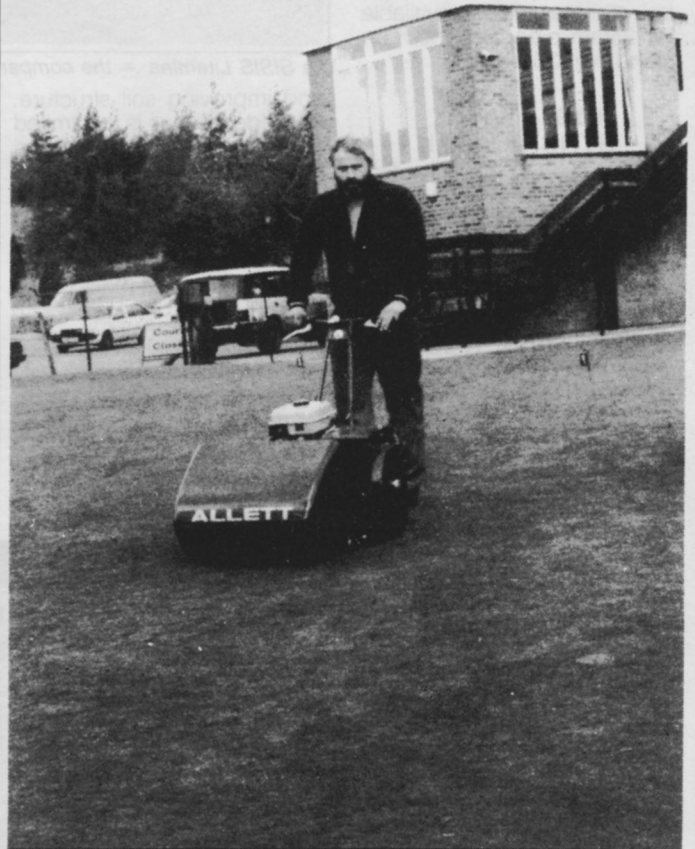
**O**N display at the IOG Show will be the full range of machines manufactured by A.F. Trenchers Ltd including the Wizz Wheel and Dual Use Hopper.

A special narrow cutting wheel for 30mm wide trenching is now available for Wizz Wheels. The blade design incorporates carbide teeth which are quickly changed by remov-

Continued on page 44

# ALLETT MOWERS LTD

See us at Demo two stands 24 and 34



## A CLOSE SHAVE

If you're looking for a fine cut mower for golf greens, bowling greens or cricket wickets, then you need look no further than the Allett Super Shaver. The Super Shaver can cut to within 1/16" and give a superb finish with 146 cuts per yard. All rollers are ground for absolute precision and the mower is powered by a Robin engine, which runs on lead free petrol.

For further details please contact:

## ALLETT MOWERS LTD

UNIT 60, BIRKITT ROAD, EARLSTREES INDUSTRIAL ESTATE, CORBY, NORTHANTS, NN17 2DT.  
TEL: CORBY (0536) 68950. FAX: (0536) 201856.

# I.O.G. SHOW PREVIEW

Continued from page 43

ing a single spring pin.

To save unnecessary change of wheels this design allows for different widths of blades to be fitted from 30, 40 and 50mm wide on this narrow cutting wheel.

The sand placement rollers on the Dual Use Hopper have also been modified to allow continuous consolidation of trenches 30mm wide by removing outer discs normally fitted for trenches 50mm wide.

Pipe reel carriers and pipe laying chutes are also available for 25mm pipe. See them on stand No. 25, row S.

## IOG - VITAX SYNCEMICAL

**F**EATURED for the first time at the I.O.G. Peterborough Show on VITAX-SYNCEMICALS stand number D75A are three new products.

ORGANIFLO is a natural organic turf wetter and conditioner for application to both fine and sports turf. Organiflow increases penetration of water and nutrients through thatch and dry patch affected areas, promoting a moist root zone



The SISIS Litamina - the company has strong representation at IOG.

and improving soil structure. An added bonus is the limited number of applications required.

50/50 Special 18-0-0 PLUS CHELATED TRACE ELEMENTS, is a high nitrogen liquid fertiliser for fine turf where reserves of both phosphate and potash are high, particularly beneficial on turf which is subjected to intensive use.

FINE 'N' EXTRA, has all of the benefits previously associated with Fine N a nitrogenous fertiliser containing both organic

and inorganic forms of nitrogen with a high quality single particle sand as the carrier, plus a full spectrum of trace elements.

These three new products will be complemented with the full VITAX-SYNCEMICAL Amenity Product Range including the unique residual herbicide KNOT-OUT formulated to prevent the germination of a wide range of broadleaved weeds in newly sown or reseeded areas, the only product of its kind in the amenity market.

## SISIS AT I.O.G.

**S**ISIS have announced that the moving of the IOG Exhibition to a new venue will not change their habit of a lifetime; they will have new introductions on their stand at Peterborough and, as usual, the facilities to demonstrate them there.

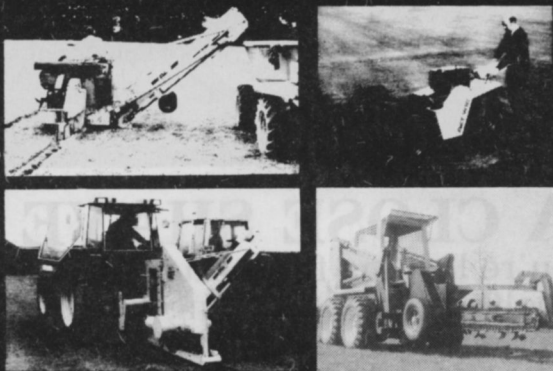
Anyone faced with the problems of compaction of fine or outfield turf should not fail to pay them a call on their stand on Demo Area 3 to see a positive step forward in aerating equipment, as well as a new mobile maintenance system particularly appropriate to those responsible for grounds management of playing fields in a widespread area.

Nor have SISIS neglected their existing range of recently introduced or well-established machines.

A number of interesting new features have been incorporated in what is beyond any question - by far the broadest range of turf management equipment offered by any one manufacturer, anywhere in the world.

Continued on page 47

## For Multi-Purpose High Speed Trenchers Choose AFT



Our range of seven trenchers cut from 5 cm to 45 cm wide for all your cables, water pipes and sportsfield drainage requirements with unrivalled performance and cost effectiveness. Soil collection systems and laser assisted grading are available on some models. With over 20 years manufacturing experience, a first class after sales service and a convenient self-drive hire fleet we offer a unique trenching service that is second to none.

Write or telephone for details today:-

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### FEATURES

- Detachable hinged sides and cornerpost
- Top hinged tailgate
- Hydraulic tipping
- Weldmesh extension kit available
- Rear tip, side tip or 3 way tip

Maintaining golf courses, playing fields, parks and gardens can be a heavy undertaking. With the help of AS Trailers maintenance becomes easy.

Thinking trailers? Then think AS, the big range that gives the best performance. I.O.G. Stand F58.

Please forward me full details of your trailers.

Name .....

Address .....

Postcode ..... Tel .....



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# Power Force



All SISIS machines are designed, patented and manufactured in Great Britain.



SISIS now offer a range of p.t.o. driven implements for use with suitable compact tractors. The range includes top-dressers, Rotorake, sweeper, aerator, sprayer and seeder. Full details from your SISIS Area Representative or by contacting us at the addresses below.

Ask for a Demonstration!

- 12 Month Warranty
- Choice of Finance Arrangements
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## sisis

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SISIS Centre in Scotland, The Roundel, Middlefield Industrial Estate, Falkirk, FK2 9HG. Tel: (0324) 29635

*Serving Groundsmen and Greenkeepers for nearly 60 Years*

## NEW CDA CLEARWAY GIVES YOU TOTAL CONTROL



No water to add, no mixing, no handling of chemicals. CDA Clearway comes in easy-to-use 1 litre bottles that simply plug into our specially designed applicator. Or, you can apply CDA Clearway through other CDA lances with a droplet size of 200-300 microns.

Clearway already has a long established reputation for controlling broad-leaved weeds on non-crop land. Now available in controlled droplet formulation CDA Clearway gives the added ease and convenience you need for a variety of special application problems.

So that's a drop of good news!

For full details of our new range of CDA weedkillers and fungicides contact your local distributor.



# CDA

 RHÔNE-POULENC

Rhône-Poulenc Environmental Products  
Regent House Hubert Road Brentwood Essex CM14 4TZ  
Tel: (0277) 261414

CDA CLEARWAY CONTAINS SIMAZINE, AMINOTRIAZOLE  
**READ THE LABEL BEFORE YOU BUY : USE PESTICIDES SAFELY**

**"ORGANIFLO DOES IT NATURALLY"**

# ORGANIFLO

A NATURAL ORGANIC TURF WETTER AND CONDITIONER FOR THATCH AND DRY PATCH AFFECTED AREAS ON FINE AND SPORTS TURF.

- Totally organic, based on natural plant saponins
- Increases penetration of water and nutrients through thatch and dry patch affected areas
- Promotes moist root zone
- Improves soil structure
- Highly cost effective



VITAX LTD., OWEN STREET, COALVILLE,  
LEICESTER LE6 2DE. TEL. 0530 510060. FAX 0530 510299

SEE US ON STAND D75A AT THE I.O.G.

SEE US ON STAND D75A AT THE I.O.G.

## VITAX

50 years experience of manufacturing a range of high quality fertilisers to the horticultural trade.



NEW

## VITAX FINE N EXTRA 8-0-0 + 2.5%

F.E. + Chelated trace elements  
A fine turf fertiliser containing both organic and inorganic sources of nitrogen. Now with a full range of trace elements.

## MICROGRAN 3

12-0-9 + 0.5% MG  
+ 1% FE.  
A special spring and summer small granular fertiliser for all fine turf areas.



## PLUS

The Vitax soil analysis service to A.D.A.S. methods.



## CF3

5-15-15.

A cost effective autumn winter outfield granular fertiliser and pre-seed base.

Three quality fertilisers from the Vitax key, powder, microgranular and granular range

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LEICESTER LE6 2DE. TEL: (0530) 510060. FAX: (0530) 510299.

## I.O.G. SHOW PREVIEW

Continued from page 44

### PILTLAND

**T**HERE'S a hill on the green greenkeeper greenkeeper, a molehill greenkeeper for all to see.

There's a hole in the fairway greenkeeper greenkeeper, a rabbit-hole greenkeeper look there it be.

Moles are increasing in numbers and activity in many areas of the country.

Rabbits have developed resistance to myxomatosis and are breeding again "like rabbits".

All amenity areas are at risk. If you have a problem with either of these pests then here's what to do.

Greenkeeper ring Pitland and tell them your problem. They'll explain how to solve it by using a "pill".

Then go into detail regarding the bill.

Be not afraid, it will not be hefty (They understand most of you are quite thrifty!).

They will deliver wide and far. To professional users where're they are.

Further details from: Pitland Enterprises Ltd., Woodcroft

House, Old Vicarage Drive, Appleby, Scunthorpe, South Humberside DN15 0BY. Tel: 0724 734 025. Fax: 0724 734 802.

Visit them on stand V13 at the IOG Show.

### KINGS

### HORTICULTURE LTD

**K**INGS Horticulture Ltd welcomes all of its existing and new potential customers to its stand at the IOG Show.

Its professional staff will be pleased to discuss your requirements for the future and technical staff will give you the best advice.

The company will be launching its new catalogue at the show - apply for yours and you can also get your name entered into a free prize draw.

The company will also be featuring complete ranges of C.D.A. equipment and chemicals from Rhone Poulenc and Chipmans.

Stand PCS II 21-22.

# Turf gets biggest ever showing

**T**URF gets one of its biggest showings ever at this year's Institute of Groundsmanship Show.

Visitors will find plenty of new faces and products as well as old friends responding to the ever increasing interest in fine turf and its specialised maintenance.

As the world's biggest outdoor leisure show, the exhibition has a reputation for being THE place for the end user to find out what is really happening in the industry.

Ransomes, one of the IOG's longest standing exhibitors, will be displaying new machines as will McConnell Dabro - a more recently established company - but both with a clear intent to serve the end user at home and abroad.

Look out too, for some of the companies from Europe with new ideas, such as the French company Etesia, with ride on mowers designed to cope with

long or wet grass without clogging.

Familiarity with steep slopes has led Swiss company, Bucher to produce a range of cutters specially suited to deal with those steep banks that always cause problems in mowing.

Turf producers, Fairfield Turf from Kent and Tillers Turf, making the trip to Peterborough from South Humberside are making sure they have products for the environmentally aware with wild flower turf as one of their specialities.

Traditional and new methods of controlling and fertilising can be found at the Exhibition and it is particularly interesting to call at manufacturers' stands and ask the experts to explain new developments.

Landscaping is another area of great interest with strong

Continued on page 48

**L**indum are renowned for the high quality of their seeded turf. And their customer service.

It's their knowledge and expertise, their groundsmanship skills, the quality of their seed varieties and fertilisers, and their innovation ... these are the grass roots from which Lindum's success has grown and flourished.

Their complete turf service includes:

### QUALITY SEEDED TURF

The range includes: PAF (Poa Annua Free), for finest golf and bowling greens.

HERITAGE for luxury lawns and prestigious applications.

LG1 for golf tees.

SPORTURF for sports pitches.

LG2 for low maintenance amenity areas.

### 'SODNET' NETTING

Designed to prevent soil seed bed erosion: it acts as a mulch, reduces moisture loss, works as a holding medium for the root mat and enables early lifting.

Grass seeding of land reclamation areas will benefit by the use of 'Sodnet' to stabilize the soil surface, particularly on sloping sites.

See us on Stand B 40 at the I.O.G. Show



## The LINDUM PORTFOLIO OF PRODUCTS AND SERVICES for PERFECT TURF



LINDUM HAVE THE ANSWER, THE EXPERTISE AND THE COMMITMENT

### SEED PRESCRIPTIONS

Designed for customers' special needs.

Varieties are chosen for their disease resistance, winter hardiness, drought tolerance, growth pattern, colour and compatibility and high germination levels.

The vigour-proven seed is cleaned to a high purity standard prior to prescription mixing.

### FERTILISERS

The Lindum formulations are designed to give turf and seed healthy growth, good leaf colour and resistance to disease and drought.

### PREPARATION & AFTER CARE SERVICE

Lindum will provide advice on the preparation of new sites, will carry out a soil analysis and offer an agronomy advisory service.

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FOR LANDSCAPE AND LEISURE

Church House, Horkstow, Barton on Humber, South Humberside, DN18 6BG  
Telephone 065 261 329 or 564 Fax 065 261 447

# I.O.G. SHOW PREVIEW

Continued from page 47

representation from the industry, covering all aspects from a complete design service, to specialised services and machinery for particular projects.

Outdoor furniture is becoming more and more diverse and offers many stimulating ideas for landscape enhancement, from the wooden bridges, pergolas and fences from Lappset UK Limited, to

tion area has been enthusiastically welcomed by so many companies recognising the great value to the user in actually seeing machines in action.

This will be the first year that The Institute has held its Exhibition at The East of England Showground. Purpose-built, with ample parking space, the Showground is much bigger than the Windsor Racecourse site, giving exhibitors the opportunity to show their ranges

**Greenkeeping Management thanks you for reading this feature. Look out for more top class features in our September issue!**

the ultra modern, stylistic designs from outdoor and street furniture company, PLP Limited.

The IOG Show gives managers and end users the best possible opportunity to find out exactly what is going on over a full range of professional products and to see at first hand which machine or service is best for their needs and pocket.

It's no surprise, therefore, that this year's vast demonstra-

tion to greater effect than ever before.

Peterborough, with its excellent road, rail and air links ensures easy accessibility to this year's Show. Buses will operate a complimentary shuttle service between Peterborough Railway Station and the Showground throughout the three day period of the exhibition.

There will also be courtesy coaches from Heathrow and Stansted Airports.



The Toro Hydroject 3000 – the innovative aerator will be on show at IOG.

## Toro lead way

ELY UK Limited TORO division are excited to announce at the IOG Show, the forthcoming launch of a new aeration machine which they say will revolutionise turf cultivation in the UK.

The HydroJect 3000 is the new innovative aerator which is the result of 5 years research and development by TORO in conjunction with Michigan State University in the United States.

The principle of the machine is to eject high velocity streams of water which bollistically penetrate the turf. Water aeration allows deeper penetration of the turf with less disturbance or damage to the grass. The holes also have a more uniform appearance. Five shots of water are ejected every second and nozzles control the size and depth of penetration and the pattern of holes.

The HydroJect is guided by a bale control at the front of the machine and enables it to be manoeuvred in both a forward and reverse direction.

The Reelmaster 223-D will also be on show. It sets new standards for lightweight fair-

way mowers. Variable reel speed control offers perfect cutting efficiency for any condition of turf.

A positive down pressure system ensures excellent ground contour following, penetration and thatch control which results in greater productivity.

Trailer cutting units are free to float in all directions over undulations. Large easy to handle baskets are situated on the frame giving maximum stability to the cutting units.

And TORO will be exhibiting an aeration machine capable of 61,000 sq ft per hour – "4 times as fast as most other reciprocating machines."

The TORO Fairway Aerator has been developed to provide a high level of productivity, extra depth and durability all in one machine. Using this machine fairways and other large turf areas will receive the same quality aeration previously limited to greens.

It is extremely easy to use and can be coupled behind a 35 horse power tractor, or can be customised to suit individual units.

### MANOR LOOKS TO 2000

MANOR Excavators is aiming to capture a bigger slice of the mini excavator market with its latest '2000 Series' machine at the IOG Show.

Sticking to its tried and tested wheeled design, the 2000 combines digging power, stability and exceptional on-site performance.

There is a choice of 2 or 4 wheel drive, a format claimed by Manor to reduce ground disturbance and increase speed and mobility.

The 4WD model has increased ground clearance and wide, low ground pressure tyres to provide high traction through wet areas and over rough terrain enabling it to work in otherwise inaccessible locations.

# 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.

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.

#### FINE TURF FERTILIZER

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

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

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0930-1700

Monday 3 September

0930-1700

Tuesday 4 September

0930-1600

- ▶ DISCOVER an abundance of new ideas for the lawn, garden and outdoor power equipment industry.
- ▶ INSPECT and compare products from over 340 companies; and test the latest models to gain first hand experience.

Cut out and return to The GMA Show Ticket Office,  
11 Manchester Square, London W1M 5AB.

Please send me further information and  free tickets  
(state number).

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The  
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Show

The International Professional Lawn, Garden  
and Outdoor Power Equipment Exhibition  
2-4 September 1990  
Kempton Park UK



# Why plant any trees on your course?

EVERY golf course develops its own individual character.

On parkland or woodland sites trees are an integral component of the course, whilst the traditional dune and heathland courses are generally distinctive by their very lack of trees.

The location, extent and health of tree cover will make a significant contribution to the quality of a newly constructed inland course and the sooner the trees can become established, the greater their value as a landscape asset.

Martin Hawtree of the BAGCA gives six reasons for planting trees on golf courses. Trees will:

- Break up the monotony of a course.
- Reduce hazards to safety.
- Enhance the visual impact of holes.
- Create a feature of play.
- Offer protection from wind.
- Improve the quality and range of wildlife habitats.

The size, shape, colour, age, scent and health of trees all contribute to the overall impression that the golfer will develop when playing a particular course.

By accentuating and adding variety to existing natural and topographical features, tree planting programmes can help to maximise the various assets of a particular site.

An open featureless site can be transformed through a carefully planned planting programme. Tree belts will dissect a course into smaller, enclosed areas so as to generate a sense of seclusion.

They can also offer shelter from prevailing south westerly winds which in turn helps to sustain the quality of grass sward.



Trees – a boon for the course. Photo courtesy of Wyevale Nurseries Ltd.

Article courtesy of the Economic Forestry Group.

The visual impact of individual holes can be highlighted through the planting of trees behind or alongside the green. A mix of small and large trees, fastigate or spreading varieties, with a range of foliage, flowers and berries will add seasonal change to the regular player's round of golf.

Trees can create a hazard for play, they can be used in place of a bunker or to develop interest in a course and direct the line of play.

As a living entity trees require regular attention and management if the greenkeeper is to gain full benefit from the resource at his disposal.

## Stump removal – doing a tidy job

THE quick and efficient removal of a dead or dangerous tree poses no problem these days as the skill and expertise of arboriculture companies increases.

The problem faced by the landowner/manager is that of what to do with the stump that is left in the ground. This can be a bigger problem than the original tree.

Removal of stumps is essential for many reasons, e.g. some species produce sucker growth from roots, (poplar, willow, lime, sycamore etc), while decaying stumps can also act as reservoirs for pathogenic fungi such as Honey Fungus.

The easiest option is to poison them in situ by application of chemicals such as Sodium Chlorate or Ammonium Sulphamate. However these compounds can leak out and contaminate the soil and perhaps kill other plants and grass.

There is also the necessity of ensuring that the person applying the chemicals is trained and certificated in accordance with the Food & Environment Protection Act, 1985.

It is possible that stumps could be winched out or dug out by hand. Both these methods are labour intensive and time consuming. Where the winch is concerned there is the necessity of the availability

DR D.P. O'CALLAGHAN  
F.Arbor.A.

Registered Consultant of the Arboricultural Association  
Managing Director of S & D Tree Care Services (Liverpool) Ltd and Head of Arboriculture at Lancashire College of Agriculture & Horticulture

ty of suitable anchoring points.

As far as hand digging is concerned, this can take a very long time and becomes extremely tedious. If a number of stumps are involved, i.e. a line of trees, then both these options are non-starters.

By far the most efficient method of disposing of stumps is to obtain the services of an arboriculture company that has a mechanical stump grinder for hire.

These machines come in many makes and sizes ranging from a small narrow unit suitable for access through confined spaces to backgarden etc., to very large independent motored and tractor mounted units.

These machines all work on the same principle of a rotating flywheel disc to which are bolted pairs of tungsten tipped teeth. The unit is moved in a low arc over the stump from which it grinds off slices and chips, eventually reducing the stump completely.

# Which trees and where to plant?



SWOac

For further information contact:  
Scottish Woodlands Ltd  
Almondgrove Place,  
Almondgrove Ind. Est.  
Perth, PH1 3TR.  
Tel (0738) 21708/24829

THERE are no set rules on the choice of tree species. Each site will present different conditions in terms of:

1. Soil type and drainage.
2. Relationship between existing vegetation/tree type and the proposed planting.
3. Rainfall.
4. Frost incidence.
5. Exposure.

The forester's task is to match these conditions to the silvicultural characteristics of the various tree species. He

can then offer site specific proposals to the greenkeeper and discuss their suitability for each part of the course.

When planting close to the tees or greens, one should avoid large growing species such as oak, sycamore and lime, which will cause a problem with shading and leaf-fall. More suitable for these areas are species such as birch, wild cherry, whitebeam or rowan or some of the many pine species and cypress cultivars.

However on the perimeter of the course, or between some of the fairways, single large broadleaves or mixed copses will add character to the course as a whole.

**Size of plants to use**

Again there are no set rules for plant size. On each site tree size will differ according to conditions and objectives.

One economical method of creating a reasonably 'instant' woodland effect is to plant

*Continued on page 52*

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whips and half standards approximately 1.8-2.4m tall in an intimate mixture with smaller transplants 30-45cm protected by tree shelters. This will cut the overall costs and result in a fairly even woodland in a short time.

### Protection methods

Many golf courses are affected by rabbits and often Roe deer, which could quickly destroy all the newly planted trees.

Large areas of trees can be effectively fenced against rabbits and deer until they grow out of danger, but for small copses the use of plastic mesh guards or plastic tree shelters tends to be more economical.

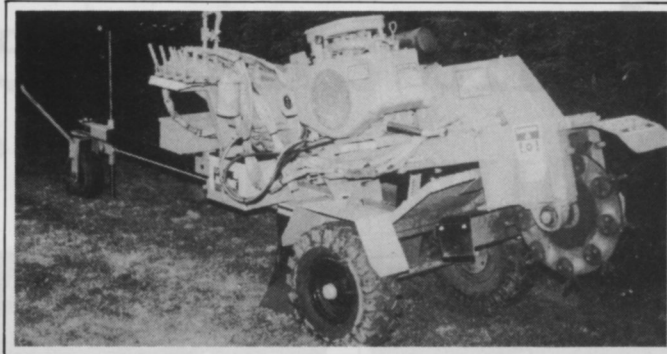
Green coloured tree shelters blend in reasonably on the golf course, with 0.6m high shelters being suitable protection for broadleaves and most conifer species against rabbits.

Trees are an essential part of any golf course and provide an attractive landscape, so look around, get the advice, get the grants and plant tomorrow's trees today.

**A.R. BROWNE**  
Scottish Woodlands Ltd

### ATS TREE SURGEONS LTD.

WITH the exception of the grand, extensive, coastal or upland sites most courses have tree cover. Trees bring numerous benefits to the designer, manager and player. In terms of aesthetic interest they boast visual diversity, seasonal colour, and scale. They can be used as a hazard, screen or safety barrier. These positive attributes have not been lost on designers over the years and many courses have been, and are now, reaping the benefits of previous generations through understanding and effort in establishing and main-



The latest "state of the art" stump cutter from Westcon Equipment

## Planting procedures

**T**RANSPLANTING large trees to achieve instant mature landscapes first became common practice in this country during the 18th Century when William Kent, Lancelot Brown and then Humphrey Repton laid out the parks of great houses like Chatsworth, Longleat and Stowe.

They used horse drawn "tree carriages"; but two centuries later we have techniques and machinery that can achieve 95% success, moving

large trees up to 15m in height and weighing up to 30 tons, with comparative ease.

British Standard BS4043 (issued 1966, revised 1989) gives good advice on root preparation, planting and maintenance. Essentially, the roots of large trees should be prepared by pruning one or more growing seasons before transplanting.

by **Chris Newman**,  
Managing Director,  
Civic Trees Group

taining their tree stock.

Too often, however, the tree stock has been taken for granted and the devastation wrought by the 1987 and 1990 winds demonstrated all too vividly that an over mature, undercared for, natural asset is vulnerable. If only the trees received a minor fraction of the attention given to our turf!

The management of a tree asset is a specialist role. ATS Tree Surgeons with their fifteen years experience are able to provide all the necessary skills and expertise. In the same way that the sward is controlled; the trees, that add so much to your course, need specialist, if not as regular, attention.

Prior to summer growth the tree's lateral roots are cut cleanly around a radius measuring about 4½ x trunk diameter, often leaving the roots under the tree intact, to provide support and nourishment.

The root-ball finally dug for transplanting should contain the new root fibres. Autumn is the period of rapid root growth. But if there is not time for this preparation the root-ball should be enlarged to compensate, increasing the size to 12 x trunk diameter (measured 1m above ground), or larger if practical.

Trees moved without root preparation should be given more watering and after-care, but even so the re-

establishment period will be longer. Some common species, typically Ash, Alder, Chestnut, Lime and Maple that generally re-establish well may also be transplanted successfully in leaf, providing various additional precautions are taken, and this is work for experts, not beginners.

Planting pits which do not possess adequate natural drainage will require added soak-aways, to prevent waterlogging.

### VERMEER

**T**REES can now be moved twelve months of the year, but the success of any tree transplanting programme depends upon:

Correct use of the machine.  
Preparation of the receiving hole.

Care when removing the tree for planting.

Root balling as required.

Care when planting the tree.  
Planned maintenance programme following transplant.

Special procedures for unusual circumstances.

To guarantee the successful transplantation of a tree, suitable trees for the location must be chosen depending upon the type of soil, site and purpose for the trees (ie, shade, windbreak, aesthetic appearance).

Each tree planting situation demands individual methods which can easily be developed by the operator of a tree spade. Vermeer developed this piece of equipment and can now offer a range of ten models for use on the golf course.

By reading the manual carefully, you can gain the mechanical knowledge needed for the successful and safe operation of the spade and with practice can develop your own methods of operation.

**JANE CATCHPOLE**

Continued on page 54



## Barcham Trees

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Visitors are always welcome on the nursery by prior appointment.

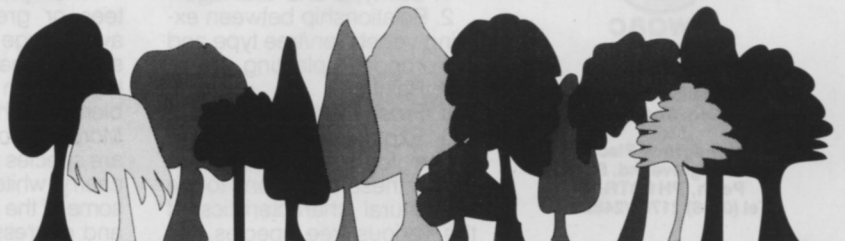
We look forward to seeing you at the I.o.G exhibition on Stand No. PCS4 1&2

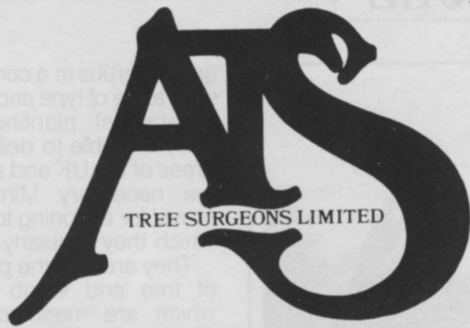
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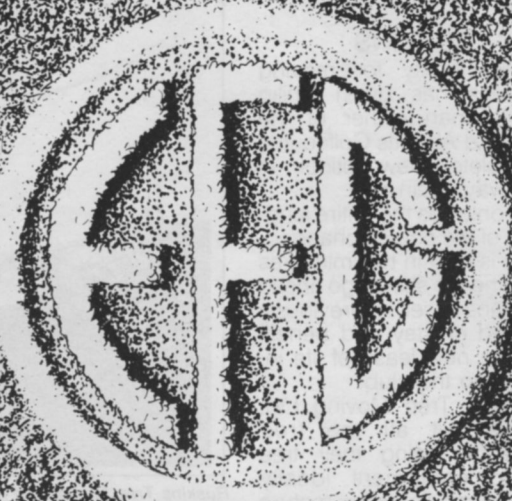


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Continued from page 52

## RUSKINS

**T**HE facility for moving trees has given Philip Newman owner of the Stapleford Abbots Golfcourse a completely new outlook, in more ways than one.

Not only has the entire landscape of the course changed, but he is now in two minds as to whether he should go ahead with plans to sell as previously intended or stay and benefit from the new lease of life injected into the club.

Ruskins Tree Moving Ltd, carried out all the tree transplants using their tree moving equipment ideally suited to moving semi-mature trees.

Many of the trees, including willows, oak, ash, birch and pine were lifted from wooded areas around the course and re-planted in more suitable locations.

Lifting existing trees from crowded sites is beneficial in a number of ways; the trees remaining have a better chance of survival and new trees can be expensive.

Additional Oak, Ash, Poplar and Aspen were supplied by Ruskins direct.

As Ruskins are relatively local to Stapleford Abbots, they were able to work all year round fitting in wherever possible at the convenience of the club. Flotation tyres fitted to their 4 wheel drive lorry enabled them to continue using the tree mover in wet, muddy conditions without damaging the course.

## BARCHAM TREES

**C**ONTAINER grown trees are a relatively new idea, born out of the need for landscapers to complete their planting schemes in the summer months.

The container trees at Barcham are established over a



Ruskins Tree Moving Ltd move trees on Stapleford Abbots Golf Course.

period of twelve to twenty four months. Grown in white containers to prevent root girdling and using a structured compost, developed by their Nursery Manager Peter Wells, allows the trees to develop for up to two years in their containers, without the need to re-pot.

Barcham Trees, covering 25 hectares of East Anglian soil, is situated off the A45, outside Ely in Cambridgeshire.

Eighteen months into their expansion programme, Barcham have recently launched their container division. Covering 5 hectares, with all sizes, ranging from feathered trees 60/90 to 150/200cms, to extra heavy standards in 70 litre bags with 16-18cms girth. Barcham has also continued to expand their field grown stock of mainly native hardwoods, with semi-mature trees covering some eight hectares.

On wandering around the nursery you will find individual trees growing up to forty feet in height.

An open invitation is extended to all customers to spend some time in the nursery, where they can reserve any stock that interests them.

## DOLWIN AND GRAY

**D**OLWIN and Gray was established in 1969 by J.A. Dolwin Esq B.Sc., (For.), F.Arbor.A., MIC.For.

The company operates throughout South East England, and offers an intimate, personal and comprehensive service in the care and maintenance of grounds, shrubs and trees. This service is particularly applicable to golf courses where the full range of their expertise can be applied.

## CROWDERS

**C**ROWDERS Nurseries, established for over 200 years is situated in the middle of Lincolnshire growing on prime sandy loam a wide selection of trees and shrubs in a comprehensive range of sizes.

Suitable for planting in either woodland, copse or grove, Crowdres produce over 6 million trees and shrubs ranging from 45cm to 1.2m high.

For less dense and more ornamental planting, Crowdres annually produce 60,000 field grown trees, ranging from 1.5m to 4m high.

Crowdres also annually produce half a million container

grown shrubs in a comprehensive range of type and sizes for ornamental planting areas. They are able to deliver to all areas of the UK and also have the necessary Ministry approval for exporting to Europe, which they regularly do.

They are also the producers of tree and shrub shelters, which are manufactured to their own unique design. These are extremely effective in protecting newly planted bare root-trees and shrubs from vermin and also providing a micro environment to help them establish, especially on open or exposed sites.

The tree tube, used for many types of trees, is available in height sizes of 60cm to 1.2m. The shrub tube measures 60cm high and being wider, is used for bushy shrubs, some bushy tree species and conifers.

For more information see them on stand N21-22 at Peterborough.

## EXBURY TREES

**F**OR instant impact in urban landscapes, parks and sports courses Exbury Trees offers over 400 varieties of containerised and bare root heavy trees, from 10-12 cm trunk circumference selected standards to semi-mature. The latest catalogue includes 30 Sorbus varieties, 38 prunus, 50 different acers and conifers like Lawson Cypress and Cedar varieties up to 10m tall.

All trees grown at their 90 acre nursery are transplanted 3 times to develop compact, fibrous root systems for good establishment - essential for successful landscaping projects. Tree leaders are trained vertically from planting to produce straight trunks with well-shaped crowns. Other growing forms are also available.

Continued on page 56

See us on the Westcon Stand N067 - 068 at the I.O.G.

## ARBORICULTURAL SERVICES

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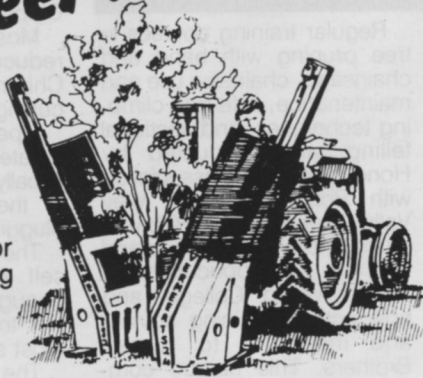
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FAX: 0507 - 524000

Continued from page 54

## WESTCON EQUIPMENT (UK) LTD.

SOME two and a half years ago Westcon Equipment introduced Rayco Stumpcutters to the United Kingdom.

Such was the ready acceptance of these robust and well designed machines that Westcon decided to extend their range of tree equipment and displayed at the 1989 Windsor I.O.G. a tractor mounted Big John Tree Spade.

Success builds upon success and there are now a number of Big John Tree Spades operating very successfully in the United Kingdom.

Amongst models supplied are the 45A, 55A, 65A and 80A fitted to trucks (the model number indicates the rootball diameter) and 32 and 42 size machines for various wheeled loaders and tractors.

All Big John Tree Spades are heavily constructed with the minimum of moving parts to ensure many years reliability and earning potential for the owner.

The majority of the models have four hydraulically operated spades (the 32 size

has three spades) with hydraulic gate locks and adjustable pads to reduce or increase the size of the root ball.

Big John truck-mounted models are noted for the size of water tank supplied with the machine, the 90AA for instance has a 500 gallon tank, this greatly reduces the downtime experienced during an operational day.

**Read all the best features in Greenkeeping Management – Europe's most widely circulated greenkeeper magazine.**

See all these products on Westcon Stand No. N067-068 at the Peterborough I.O.G.

## HONEY BROTHERS

FOR the past 35 years Honey Brothers of Guildford have been practising, and advising on aspects of tree work. And, for the past 20 years, have been supplying equipment and providing training to arborists in the UK and on the continent.

From their headquarters in Peasmarsh, Honey Brothers offer an extensive range of tools and equipment including pruners, chainsaws, mowers,

strimmers, brushcutters, stump grinding machines and a full range of safety clothing. Personal callers are welcome at the shop, or mail order can easily be arranged – and when buying or hiring from Honey's users can feel confident that the products have been tried and tested in the field by Honey Brothers' own professionals.

Regular training courses in tree pruning with hand and chainsaws, chainsaw use and maintenance, safe tree climbing techniques, and sectional felling, are conducted by Honey Brothers in association with Bob Holehouse, Wey Valley Tree Services. Bob was formerly course manager and lecturer in arboriculture at Merrist Wood College, and now acts as training adviser and instructor to Honey Brothers. This unique combination of experience, skill, equipment and training means that Honey Brothers provide a complete service to the arboricultural industry.

## G.J. CRAIG ENGINEERING

G.J. Craig Engineering, manufacturers of the Chipmunk range of tree stump grinding machines are pleased to be able to show their range of stump grinders at the I.O.G. exhibition in Peterborough.

At the present time, three machines are available, those being the 8 h.p. pull start and 8 and 12 h.p. electric start models.

Stump removal becomes a smooth operation with the Chipmunk.

Most stumps are rapidly reduced to fine chips with the Chipmunk's carbide tipped cutting blades.

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ROOT BALL WIDTH UPTO 90 INCHES DIAMETER  
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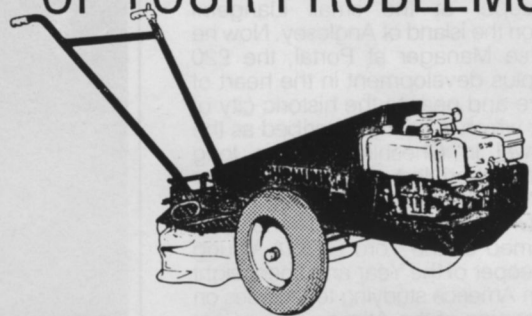
## CHIPMUNK



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GETS TO THE ROOT  
OF YOUR PROBLEMS



CONTACT US FOR MORE DETAILS

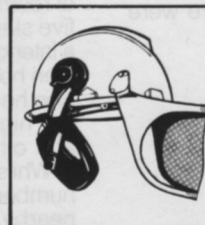
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# Golfing delight crops up in rural Cheshire

**T**HE old adage "What a difference a year makes" might have been invented to apply to Mark Proctor. Twelve months ago he was head greenkeeper at the small Llangefni course on the island of Anglesey. Now he is Course Manager at Portal, the £20 million plus development in the heart of Cheshire and near to the historic city of Chester which is being described as the new jewel in Cheshire's crown long before its scheduled opening in another fifteen months time.

In between those two appointments he was named as the Toro BIGGA Young Greenkeeper of the Year and spent eight weeks in America studying techniques on the other side of the Atlantic. For someone who had never been outside Britain before and had never set foot in an aircraft in his life it was a daunting experience but just part of an unforgettable twelve months.

But to the background of the story first. John Lilley, who built the giant North-West based construction and development company of Norwest Holst, moved out of that and into farming nearly twenty years ago choosing the Portal and Ardern Estates at Tarporley, right on the heart of the Cheshire agricultural belt as his base.

As well as restoring the famous Portal Hall and its historic gardens to their former splendour, he also built up the largest Freisan herd under one roof in Europe. But when milk quotas were cut by the E.E.C. he became one of an estimated 50 per cent of Cheshire dairy farmers who started to look at alternative operations for his farm and his land.

It took many months, and a great deal of professional advice before he finally decided that a commercial golfing complex would provide the answer. It could hardly have been an easy decision for a man who had built an industrial empire, turned his back on that and then built a huge and successful farming unit, but who had never been on a golf course, or hit a golf ball in his life.

There were over 200 acres of land earmarked for the first course. There were

## Mark's year full of change



On course for Portal perfection . . . Mark Proctor, centre, talks tactics with his staff Barry Robinson and Richard Craven.

**In this special feature KEITH BRAIN takes a look at Portal, the £20m development in the heart of the Cheshire countryside, and focuses, in particular, on its dynamic new Course Manager Mark Proctor, last year's Toro Young Greenkeeper of the Year.**

hundreds of mature trees, many of them specimens, set in the gently rolling Cheshire countryside with views for miles over the Cheshire plain and to the Welsh hills beyond. There was not even a pylon to spoil the view never mind a power station.

To cap it all the area was dominated by his historic home called Portal, a listed building which could be altered internally to provide suites on the first floor with restaurants below and there was plenty of room for the addition of a 120 bedroom five star hotel within the grounds and, at a later date, the addition of a second eighteen hole course. The vast grounds could also house a leisure club development to the highest standards, a driving range and other recreational facilities.

Whilst Cheshire already boasted a number of fine championship courses – nearby Sandiway and Delamere, Caldby, Royal Liverpool, Prestbury and Wilmslow to name just a few – they were all private clubs with full memberships.

None had a 36 hole complex, a hotel or leisure club and none catered specifically for tourists or for the prestige business market. None were as well suited geographically as the Portal site half an hour or so from Manchester's in-

ternational airport and just down the road from the historic city of Chester, favourite city for visiting tourists particularly from America and Japan.

Donald Steel, the internationally famous course architect was engaged to design the two courses and Brian Pierson and his team were brought in to build them.

But back to Mark Proctor. It is no exaggeration to state that he was born with greenkeeping in his blood. He came from a greenkeeping background with his father Alan head greenkeeper at Baron Hill on the island of Anglesey. By the age of fourteen young Proctor was helping his father at weekends and after school and learning his trade from his father. His brother David succeeded their father at the Baron Hill course. Mark too started his working life with the family connection at that club before moving on to become head greenkeeper at Llangefni nearby.

It was because of his work at that course that he was first approached about the Portal position. Those involved in the appointment had noted that Proctor, just twenty-six years of age, had already shown outstanding skills.

Within a few weeks he was installed at Portal living on the site with his wife and their young family.

"Everything was constructed to the highest standards. The best possible materials were imported in all of the various constructions. All future fairways and rough was ploughed, raked, contoured and then sown with one type of seed for the fairways and another for the rough and semi-rough. The irrigation system to all tees and greens went in at an early stage. A year later we are almost





One of the many stunning features of the new development – the drive over water.

certainly going to increase this system to cover all fairways which will act to ensure moisture equilibrium during any long hot summers. This is an important insurance policy that many courses in this country fail to take out.

"It was fascinating to watch the land being developed. Gradually the course started to appear. First the greens and tees, then the fairways started taking shape. Once the contractors had left the site and I had appointed my own superb staff our workload started. Shaping the fairways, hand weeding the greens adding tons of top dressing and finishing the bunkers were the main priority. At Llangenfi I had to work with the local authority who owned the course. We had a huge input of golfers playing the course every day.

"At Portal my dealings, for decisions at least, were with one man. No-one played the course or was allowed to interrupt our working day. I was allowed to choose my own staff and purchase all the necessary new machinery. Each week I have meetings with the owner to discuss the latest developments and ideas. After that it was all my responsibility to get on with the job.

**"We are all meeting the challenge we have been given and we are absolutely confident that we will get it right" – Mark Proctor, Course Manager, Portal.**

## No major snags on first course

"In some ways it has been idyllic. No committees to deal with, no problems about machinery or staff and no golfers on the golf course will sound like a dream, to most greenkeepers. But, as with any new golf course, there are always problems. The biggest one we have had and will continue to have, is the invasion of poa annua. We are in a farming area surrounded by meadowgrass and it poses a constant threat to us.

"We have hand-weeded the greens, and, incidentally, we have hand-cut them too right from the start. We are continually fighting an ongoing battle against meadowgrass and are continually overseeding fairways to ease the problem. We have also suffered the day to day problems which all greenkeepers suffer in their working lives with machinery failures although our problem with having new equipment is less than other suffer.

"So far on the first course at least we have not hit any major snags. We are lucky in that we have our own water source on site. We are accepted as a team of experts by the boss and once he has agreed our programme we are free to get on with it. We have another year or so to ensure that everything comes

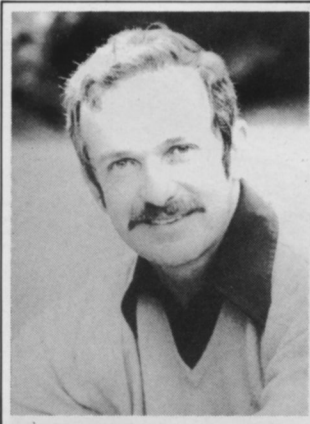
together to provide the course in pristine condition for the opening day.

"After that we will have to adjust our schedules and workloads. Once golfers start playing the course in numbers we will revise our approach and working schedules.

"We are all meeting the challenge we have been given and we are absolutely confident that we will get it right."

Whilst he is waiting for judgement day and continuing his mission he has reflected elsewhere in this issue on his two-month trip to America for becoming the BIGGA Young Greenkeeper of the Year in the competition now sponsored annually by Toro.

## Hopes high for future



*Patrick Tallack . . . his company has taken on ex-Minister for Sport Richard Tracey as a director.*

## FORMER SPORTS MINISTER JOINS GOLF COURSE COMPANY

**R**ICHARD Tracey has now joined the Patrick Tallack Golf Course design and construction company based in Surrey as a director.

The former Minister for Sport has for a long time been concerned about a shortage of golf facilities in the UK.

Founder director Patrick Tallack, is a PGA golf professional with 30 years experience. The company's latest project is the new Paxhill Park Golf Course at Lindfield in Sussex which is scheduled to be opened this month.

## BAGMA APPOINT SHANNON CRAIG AS GARDEN MACHINERY MANAGER

**B**AGMA have appointed a Garden Machinery Manager. He is G. Shannon Craig, who has been 25 years in the trade and has experience in purchasing, management, and sales to both retail and trade customers.

As Sales Manager for Hydrocut Ltd he formed their Hytrud Trading Division, selling log splitters and stake pointing machines, and later developed a garden machinery and chainsaw retail outlet.

With this wide experience Shannon sees as his main priorities:

- That members get the best possible help and advice in running their businesses and that the partnership that should exist between dealer and manufacturer, does.

- Meeting Garden Machinery Branch chairmen, at an early date, to discuss the steps to be taken to increase membership.

## ABC expells Turf Management

**T**HE Audit Bureau of Circulations has expelled Turf Management for breaches of ABC rules and bye-laws!

The future of Turf Management, run by Stanley Ellison, has been the subject of much rumour and speculation for some time.

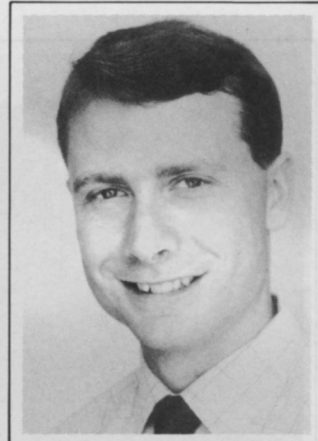
There was recent talk of TM suffering the same fate as Michael Coffey's publication, The Golf Course, which is sadly no longer with us - a victim of vigorous competition.

However, it seems TM has merely "pulled in its horns"

and scaled down its publication ambitions to survive against the undoubted greenkeeping industry leader, Greenkeeping Management, which boasts an ABC figure of 8,864.

The decision by ABC must be a body blow to the aspirations of TM, which will have some explaining to do within the industry.

Proof indeed, if proof was needed, that Greenkeeping Management is THE premier greenkeeping magazine. To quote a popular David Coleman euphemism: "And where's the opposition now?"



*Richard Snell*

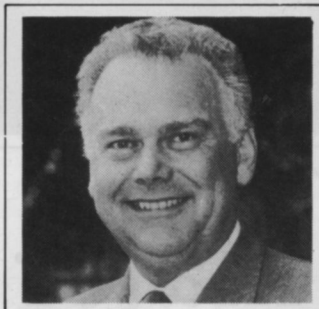
## RICHARD IN THE SISIS TEAM

**S**ISIS Equipment (Macclesfield) Limited are pleased to announce the appointment of Richard Snell.

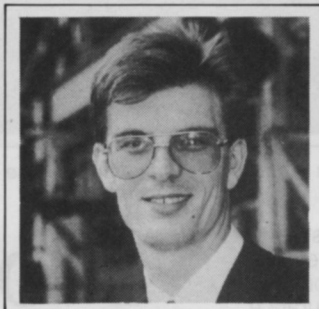
Richard won the Young Groundsman of the Year Award in 1985 and has studied at East Suffolk College, Bicton College of Agriculture and Writtle.

His previous experience includes working as a trainee groundsman at Exmouth Lawn Tennis & Croquet Club, at Harlow Carr Gardens, Harrogate and for a landscape contractor.

Richard will now operate as demonstrator/salesman



*Brian Mitchell*



*Stephen Mitchell*

## ENGINEERING PROMOTIONS AT RANSOMES

**R**ANSOMES Sims & Jelferies has announced two key promotions in its engineering division. Brian Mitchell is the new General Manager Engineering, while his namesake Stephen Mitchell has been made Assistant Works Manager.

Both men have worked for Ransomes for several years and the promotions underline the policy of providing opportunities for advancement within the company.

Brian joined Ransomes in 1955 as an apprentice and graduated to become a senior

engineer. Throughout, he has specialised in technical matters, including involvement in sales and marketing. Prior to taking over as General Manager Engineering, Brian was Products Marketing Manager.

Meanwhile Stephen, who joined Ransomes in 1979 from Hadleigh High School, has been promoted from his previous position as a supervisor in the assembly shop. Ransomes has assisted him complete a masters degree in Advanced Manufacturing Technology at Cranfield Institute of Technology.

## SIMON JOINS INTURF GROUP

**S**IMON Hannam, 27, has joined the Inturf Group in a technical and advisory capacity.

Simon attended Harper Adams College and Seale Hayne College before working for a number of years in Australia and New Zealand. He came to the Inturf Group

from Shearing and Loader where he worked in a sales and purchasing role.

His considerable experience will make an important contribution to the Group's Customer Services Division.

His is a keen sportsman and is chairman of Romsey Young Farmers.

## JOHN JOINS WITH MIKE

**J**OHAN Hacker, senior lecturer in turf technology at the Lancashire College of Agriculture and Horticulture, is leaving Myerscough College to join Mike Harbridge in their consulting agronomy company Professional Sportsturf Design (NW) Ltd.

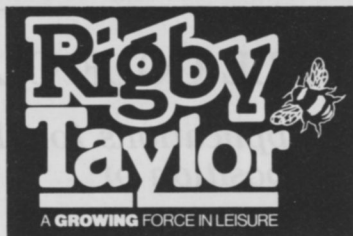
John gained a Master of Science degree in Applied Plant Physiology from Rutgers, the State University of New Jersey in the U.S.A. after graduating with a Diploma in Horticulture from The Royal Botanic Gardens at Kew.

During his subsequent five years teaching at the University of Bath John undertook research into grass growth retardants and developed his interest in Sportsturf Technology.

This was to lead him to the Lancashire College of Agriculture and Horticulture, one of the leading turf colleges in Europe, as the Senior Lecturer in Turf Technology.

Further information on services offered can be obtained by calling John or Mike on 0524-732755 or 0772-861690.

## RECRUITMENT



We require a

### TECHNICAL SALESPERSON

With experience of the Sports Turf Industry, to extend our distribution in the counties of:

#### Norfolk, Suffolk, Cambridgeshire

- ★ Full training will be given.
- ★ Great opportunities for promotion exist within our rapidly expanding company.
- ★ An attractive package will be offered to the right applicant.

Further details and an application form from:

**Clive Williams - Sales Director**  
**Rigby Taylor Limited, Garside Street,**  
**Bolton, BL1 4AE. Tel. 0204 394888**

Call us free on 0800 424 919

## SLALEY HALL

require an

### EXPERIENCED ASSISTANT GREENKEEPER

Apply in writing with references to:

**Mr. Bryan Patterson**  
**Slaley Hall**  
**Slaley, Hexham,**  
**Northumberland, NE47 0BY**

### WOLSTANTON GOLF CLUB (North Staffordshire)

require

### HEAD GREENKEEPER

Applicants should be qualified and have experience in modern course management. They will be expected to work with and lead a small staff.

Salary negotiable, no accommodation available.

Please send brief c.v. and references to:

**The Secretary**  
**Wolstanton Golf Club**  
**Dimsdale Old Hall, Hassam Parade,**  
**Wolstanton, Newcastle, Staffs.**



Due to promotion, we require a

### Forman Greenkeeper

at

#### HOEBRIDGE GOLF CENTRE Old Woking, Surrey

Applications are invited from qualified greenkeepers with at least 5 years experience, who will be given the opportunity to develop training and management skills under the course manager.

A competitive salary will be paid, together with the opportunity to earn overtime and there is a company retirement benefit scheme in operation. Housing is available.

With 45 holes and other facilities, Hoebridge is possibly the largest and most comprehensive 'Pay and Play' centre in the country, and is one of a number being developed by this company.

Those interested should write giving full personal details to:

**A. J. Acres**  
**Burhill Golf Centres Ltd**  
**The Clubhouse, Walton-on-Thames**  
**Surrey, KT12 4BL**



C. H. G. C.

### COUNTY ARMAGH GOLF CLUB

requires a

### HEAD GREENKEEPER

Co Armagh Golf Club wishes to appoint a Head Greenkeeper and would like to receive applications from those considering a move.

The course is parkland covering 110 acres.

Candidates will:

Have a thorough knowledge of and qualifications in current greenkeeping methods.

Possess a sound understanding of modern machinery.

Be able to motivate and manage existing staff.

The successful applicant will be expected to maintain the golf course in optimum condition throughout the year.

Remuneration is by negotiation.

No accommodation is available.

Applications together with full c.v. to:

**Greens Convenor, Co. Armagh Golf Club,**  
**Newry Road, Armagh, Co. Armagh,**  
**Northern Ireland.**

# RECRUITMENT

## SUTTON COLDFIELD GOLF CLUB

requires an

### ASSISTANT GREENKEEPER

For 18 hole parkland course.

Applicants should be experienced, preferably with qualifications.

Salary negotiable according to experience.

No accommodation available.

Please apply in writing with c.v. to:

The Administrator  
Sutton Coldfield Golf Club  
110 Thornhill Road, Streetly,  
Sutton Coldfield, B74 3ER



## GAY HILL GOLF CLUB

invite applications for the  
position of

### GOLF COURSE MANAGER

Applicants must be fully experienced in all aspects of greenkeeping and have practical knowledge of modern machinery. The ability to lead and motivate staff is essential.

Attractive salary for the right person

Applications and CV to:

THE SECRETARY  
GAY HILL GOLF CLUB  
HOLLYWOOD LANE  
HOLLYWOOD  
B47 5PP

SMITHS GORE  
ESTABLISHED 1875

### QUALIFIED GREENKEEPER REQUIRED

For 18 hole Golf Course  
on a large West Sussex Estate.

Applicant to have a thorough knowledge of modern greenkeeping methods.

Apply in writing with full c.v. to:

The Agent, The Estate Office,  
Cowdray Park, Midhurst,  
West Sussex, CU29 0AQ



## Old Links Golf Club

BOLTON

(18 hole Championship Course)

require a

### HEAD GREENKEEPER

Applicants should be fully experienced in all aspects of modern greenkeeping, course development and machinery maintenance.

An ability to lead and motivate staff is essential.

Substantial salary negotiable.

Closing date: 25th August, 1990.

Applications with full c.v.

should be sent to:

The Hon. Secretary  
Old Links Golf Club  
Chorley Old Road  
Bolton BL1 5SU

## Staverton Park Hotel

and Golfing Complex  
★ ★ ★



### 2nd Assistant Greenkeeper Required

To join existing team under the leadership of Course Manager, Howard Middlebrook. Applicants should be fully qualified, preferably members of BIGGA and be able to demonstrate a good all round knowledge of greenkeeping skills. This is a live out position offering good working conditions and excellent future prospects and a salary in line with current recommendations.

In the first instance please write giving full details to:-

MR HOWARD MIDDLEBROOK,  
COURSE MANAGER, STAVERTON PARK  
HOTEL AND GOLFING COMPLEX,  
STAVERTON, DAVENTRY,  
NORTHAMPTONSHIRE NN11 6JT

# RECRUITMENT

## Chipping Sodbury Golf Club

27 hole club - require a

### COURSE MANAGER/ HEAD GREENKEEPER

Applications are invited for the above post.

Sound experience in modern course management, the use and maintenance of modern greenkeeping equipment and irrigation systems required.

Excellent salary.

*Applications in writing with full c.v. to:*

**The Secretary  
Chipping Sodbury Golf Club  
Chipping Sodbury  
Bristol BS17 6PU**



## HOCKLEY GOLF CLUB

requires an

### Assistant Greenkeeper

Hockley is a downland course with an excellent reputation for its greens, and regularly hosts County events for Hampshire.

Consideration will be given to applicants who have experience in sports field maintenance or in horticulture generally.

Salary and conditions by negotiation according to experience.

Day release given for College Study to the successful candidate.

*Application form available from:*

**The Secretary/Manager  
Hockley Golf Club  
Twyford  
Winchester SO21 1PL**

## Channels Golf Club

REQUIRE



### HEAD GREENKEEPER/ COURSE SUPERINTENDENT

**SALARY NEGOTIABLE  
ACCOMMODATION AVAILABLE**

Channels Golf Club has currently an 18 hole golf course and a 9 hole pitch and putt course, with some smaller leisure activities attached.

Currently the course is being extended to 27 holes with still further holes to be constructed.

All applicants must have practical experience in course construction and the expected knowledge of greenkeeping.

*Applicants must apply in writing with c.v. to:*

**R. J. Stubbings  
Channels Golf Club Limited  
Belsteads Farm Lane  
Little Waltham, Chelmsford, Essex.**

## MID YORKSHIRE GOLF COURSE Darrington, West Yorkshire

### HEAD GREENKEEPER

Required

For new 18 hole course to be constructed over next two years, commencing August, 1990.

Successful applicant to be involved in green and fairway formation from commencement.

Salary negotiable in the range of £15,000 to £18,000 p.a.

*Assistance with housing considered and written applications to:*

**R. J. Collins, B.Sc, Managing Director  
Collins (Pontefract) Ltd  
Greenroyd Farm House, Darrington  
West Yorkshire WF8 3AL**

# RECRUITMENT



## GOLF CLUB RHEIN-SIEG E. V.

### Head Greenkeeper

This private club near Bonn, Germany, requires a suitably qualified person with experience to maintain and improve a good interesting course. (18 + 4 holes).

Applicants should have sound knowledge of modern greenkeeping methods and be able to maintain a wide range of modern machinery.

The salary is negotiable depending upon experience.

*Applications in writing to:*

The Secretary, Golf Club Rhein-Sieg  
Haus Dürresbach  
Postfach 1216, 5202 Hennef,  
Germany (FRG)

## Barton-on-Sea Golf Club



*require a*

### COURSE MANAGER

To take charge of a major reconstruction of the existing 18 hole course together with an extension to a 27 hole course.

Preference will be given to applicants who have had experience of golf course construction.

Attractive salary will be negotiable.

*Apply in writing to:*

C. J. Wingfield, Company Secretary,  
Barton-on-Sea Golf Club Ltd.  
Marine Drive East, Barton-on-Sea,  
New Milton, Hampshire, BH25 7DY

## PETERHEAD GOLF CLUB

### Qualified Greenkeeper required

At least four years experience.

Capable of eventually taking on duties of Deputy Head Greenkeeper. Wages according to experience.

*Applications to:*

The Secretary, Peterhead Golf Club,  
Craigewan Links, Peterhead,  
Grampian, AB4 6LT



## Mottram Hall Golf Club

*requires an*

### ASSISTANT GREENKEEPER

For this new 18 hole course, presently under construction, to open Spring 1991.

The successful applicant will be well qualified, and experienced in all aspects of turf management.

Salary negotiable, no accommodation.

*Applications in writing to:*

The Head Greenkeeper  
Mottram Hall Golf Club  
Wilmslow Road, Mottram, St. Andrews,  
Maccelsfield, Cheshire, SK10 4QT

## EAST DEVON GOLF CLUB

Requires a

### HEADGREENKEEPER

For this prestigious and beautiful course situated on the cliff top overlooking the English Channel.

The successful applicant will be fully experienced in all aspects of Greenkeeping and course management.

- have detailed knowledge of modern machinery
- be fully conversant with automatic watering systems
- have proven ability to supervise and motivate staff

SALARY NEGOTIABLE

NO ACCOMMODATION AVAILABLE

*Written applications with full C.V. together with the name and address of two referees to:-*

The Secretary  
East Devon Golf Club  
Northview Road  
Budleigh, Salterton  
Devon  
EX9 6DQ



## RECRUITMENT



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require a

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The successful applicant will be well qualified with considerable experience in all aspects of modern greenkeeping methods, including the maintenance of machinery and irrigation systems.

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An attractive salary is on offer, in addition to 3 bedroomed detached accommodation.

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**The Secretary  
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(established 1894)

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## RECRUITMENT

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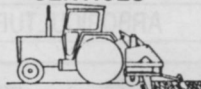
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### IMPORTANT ANNOUNCEMENT

This month we are not carrying advertisement flags as in previous issues.

Instead you can find indexes of our advertising and participating companies on pages 6 and 27 - and in order to help you to respond the pre paid Reader Reply Card can be found facing page 68.



THE OFFICIAL PUBLICATION OF THE  
BRITISH AND INTERNATIONAL  
GOLF GREENKEEPERS ASSOCIATION

## 1990 BIGGA GREENKEEPER MEMBERSHIP PACKAGE

BIGGA offer a comprehensive membership package for greenkeeper members. The full range of services and benefits is in line with a progressive professional Association, abbreviated details overleaf. Full details are available from Headquarters Office on request.

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COUNTY..... POSTCODE.....  
TELEPHONE.....  
DATE OF BIRTH.....  
PERSONAL QUALIFICATIONS.....  
.....  
NAME OF EMPLOYER.....  
ADDRESS.....  
.....  
COUNTY..... POSTCODE.....  
TELEPHONE.....  
POSITION HELD.....  
.....  
DATE OF APPOINTMENT.....

#### ASSOCIATE/COMPANY MEMBERSHIP

FULL NAME.....  
NAME OF COMPANY (where applicable).....  
.....  
PREFERRED MAILING ADDRESS.....  
.....  
COUNTY.....  
POSTCODE.....  
TELEPHONE.....  
POSITION.....  
I hereby apply for membership of the British and International Golf Greenkeepers Association and agree to abide by the constitution and rules of the Association.  
Signed.....  
Dated.....

REF - GM 8/90

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| TITLE             |  |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |  |
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Signature..... Date.....

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2

**GREENKEEPING MANAGEMENT  
SPENCER HOUSE  
MARKET LANE  
SWALWELL  
NEWCASTLE UPON TYNE  
NE16 3DS**

## MEMBERSHIP FEES

Subscriptions for Greenkeeper membership should not be sent with the application form but will be invoiced separately.

Fees payable will be:

|  |        |
|--|--------|
| Course Manager/Head Greenkeeper                | £36.00 |
| Deputy Course Manager/Deputy Head Greenkeeper  | £33.00 |
| First Assistant/Assistant Greenkeeper*         | £31.00 |
| 20 years of age or under                       | £20.00 |
| International Members – All Greenkeeping Staff | £48.00 |

\*The First Assistant is a post designed to recognise a third-in-charge where appropriate to the size of the club. In cases where the First Assistant is the recognised Deputy, the Deputy Course Manager/Deputy Head Greenkeeper subscription rate should apply.

Associate/Company Membership £50.00

Applicants for Associate/Company Membership should enclose a cheque made payable to BIGGA.

For details of Corporate Membership (10 or more) please contact Headquarters.

BUSINESS REPLY SERVICE  
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2

**GREENKEEPING MANAGEMENT  
SPENCER HOUSE  
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NE16 3DS**

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SUBSCRIBERS TO  
GREENKEEPING  
MANAGEMENT  
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for immediate attention**

## TURFTRAK 4 CUTS COMBE MARTIN'S WORKLOAD

**R**ANSOME'S Turftrak 4 has halved the time taken to maintain the grass amenity area of a popular tourist resort in Devon.

Des Atherton, works foreman for Combe Martin Parish Council, says the four-wheel drive Turftrak has solved the problem of coping with sloping grass areas.

In the past, the council has struggled to keep the amenity area tidy using pedestrian mowers and small ride-ons. It is intended to reduce the time taken even further by investing in a boom mower for the steeper banks which are currently cut with hover mowers attached to ropes.

Some threequarters of the council's grass amenity area is sloping. Des says he quickly coped with taking the Turftrak, a machine designed to flex and torque while following surface contours, up and down the steeper inclines.

To maximise grip, Combe Martin have specified chevron-patterned tyres instead of grass tyres, although the safety-minded council have insisted that the Turftrak should be equipped with a roll-bar and lap strap before it is used on the more difficult parts of the amenity area.

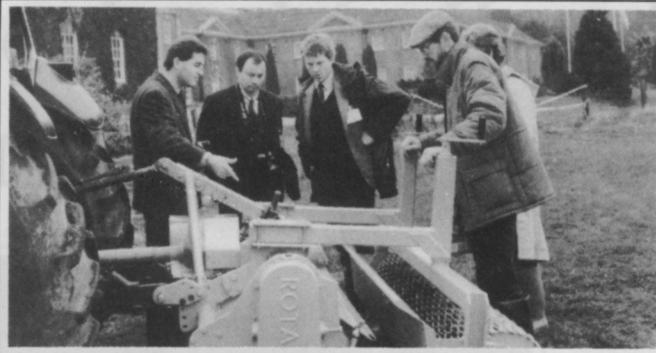
Keith Burden, of Ransomes' Exeter-based distributor Stanley West Ltd, put forward figures to illustrate how economical and durable the Turftrak could be, and arrangements were made for Ransomes to demonstrate the machine.

## NIGERIA ASK FOR FERRARI

**F**ERRARI UK Ltd, have received an order from Nigeria, for the supply, over the next two years, of 4000 Model 305, Walking Tractors complete with Ploughs, Ridgers and Tillers. The first container load was despatched on June 12.

The order follows the supply, last October, of a demonstration unit for testing and evaluation on Nigerian farms. The reports received back in Oldham were very favourable, some saying the 305 was comparable in work to others on test costing four times the price!

Ferrari UK Ltd representatives, N.G. Tulsiani say how enthusiastic the State Departments are in Nigeria in bringing mechanization to the small family farms.



Flashback . . . to last year's turf producers seminar as delegates discuss the mechanics of the Rotadairon machine.

## Turfland to sponsor seminars again

**F**OLLOWING the great success of the first ever UK Turf Producers Seminar which was held last November, Turfland Professional Equipment of Warrington have announced their sponsorship of the second.

Entitled, appropriately, "From the Grass Roots", the seminar will aim to approach many aspects of good turf production in depth.

This year's seminar will be bigger, better, and more varied and will incorporate a good social package to allow delegates time to relax and get to know their fellow turf producers at their leisure.

Topics such as ground preparation, irrigation and fertilization techniques will be

covered, as will seed selection, the correct storage of chemicals and efficient harvesting practice.

A theme which will run throughout the proceedings will be respect for the environment; guidance will be given on how best to make use of existing acreage and how to keep it in tip-top condition.

Also included in the seminar will be a visit to Turfland Professional's sister turf nurseries, where the latest turf production equipment will be demonstrated and time allocated to inspect each item at close hand.

"From the Grass Roots", as last year, takes place at the lovely Mottram Hall in Cheshire, running from Thursday, 25 October through to Sunday, 28 October.

## Ian reaches the magic 200 mark

**I**AN McMillan, Head Greenkeeper at Balbirnie Golf Course, is the first person to complete Stage 1 of the Master Greenkeeper Certificate.

Ian reached the magic 200 credit mark after attending Elmwood College, Cupar on day/evening classes to gain modules on machinery with a view to setting up his own workshop at the golf course.

Ian has achieved several "firsts" in his career by being a member of the first greenkeeping class at Woodburn House, Glasgow, back in 1967.

He also attended the first

Head Greenkeepers course at Elmwood in 1981 and again the BIGGA Head Greenkeepers week at BIGGA Headquarters at Aldwark Manor in October 1989.

Ian is very keen to keep his education up-to-date and attends courses and seminars (all round the country) on a regular basis.

Ian now faces the "on course" assessment and the final exam before completing his Master Greenkeeper Certificate which he will be working for in close association with Elmwood College. He says he is quietly confident and ready to carry on to these stages.

Good Luck Ian!

## HELLIDON LAKES MANAGER APPOINTED

**D**AVID Muldoon has been appointed general manager of the exclusive new Hellidon Lakes hotel and golf club complex currently being developed on the Northamptonshire/Warwickshire border.

David (30) joins the multi million pound development following a successful career with a major hotel chain, where his previous experience included both the day-to-day workings of a large and busy hotel, together with the corporate environment of the group's head office.

He believes his new position at Hellidon Lakes provides him with an excellent opportunity to be involved at the beginning of what he forecasts will become the most prestigious development in the area.

"The whole complex at Hellidon Lakes will be first class, filling a gap in the local market for superb restaurant facilities, high quality hotel accommodation, and a championship-standard 18-hole golf course," said David, who graduated from Blackpool College and who recently gained the Institute of Personnel Management post-graduate qualification.

## THREE PROVE COMPETENCE

**T**HREE members of the British Seed Houses' technical advisory staff, Paul Miller from Edinburgh, John Hughes from Warrington and John Bradley from Avonmouth took the NIAB Grasses and Herbage Legume Inspectors course at Cambridge and gained the Certificate of Competence.

It is the company's policy to keep staff fully up to date on all matters concerning the production of grasses.

British Seed Houses now has a large acreage of amenity grasses being grown under contract in this country and their technical staff inspect these crops on a regular basis throughout the growing season.

**NEWSFLASH . . . at the time of going to press we hear that the Ransomes takeover of Westwood and Cushman has won the approval of the Department of Trade and Industry. Full report in September's issue.**

# “What’s all this about using the Stimpmeter?”

**O**UR last article, which was in two parts spread over the June and July issues, concentrated on the Stimpmeter. Harold believes the Stimpmeter should become every greenkeepers' "right-hand arm". How otherwise can they measure the speed of their greens and hence use purposefully the increasingly expensive grass-cutting machines and other green maintenance techniques now becoming available?

Indeed, the day must come, surely, when clubs will display as a matter of course the daily Stimpmeter reading for their greens (and practice putting greens). At present, however, that day is still some way off – alas, the truth of the matter is that greenkeepers aware of and using the Stimpmeter are at present the exception rather than the rule – including those preparing greens for professional tournaments.

Chris Kennedy, at Wentworth, is an honourable exception and we show him (as proof?) using his Stimpmeter during the Volvo PGA Championship held last May. But whether this was on his own initiative or in line with official PGA European Tour policy is unclear to us. The PGA European Tour's glossy booklet "the Tour of the 1990s" doesn't mention the Stimpmeter nor indicate if it has any policy – or the means to effect it – on green speeds for its tournaments.

Another honourable exception is George Barr, Head Greenkeeper at the Ham Manor Golf Club in Angmering, West Sussex. In fact George now swears by the Stimpmeter. He uses it twice a week. It enables him to measure the speed of his greens and hence secure not just the speed which his members want but a consistent and comparable speed on all nineteen of his greens (yes practice green as well).

George first heard about the Stimpmeter in 1976 when he was the Deputy Head Greenkeeper at the Greenock Golf Club (Renfrewshire, Strathclyde). He was reading an American greenkeepers magazine. It included an article on green speed and how to measure it.

George was interested not just as a greenkeeper but also as a category one golfer. As a golfer he always preferred greens with an even fast pace and here was a small piece of metal which could tell him how fast they were. It could also tell him, wearing his greenkeeper's hat, how each maintenance task could affect green speed – watering, top-dressing, verticutting, etc. It could also help him work out the height of cut he would need to match the speed he wanted without cutting too close.

However it was not until 1981 – six years later – that he actually saw a Stimpmeter. A friend gave him one to use. He there and then decided to buy one for himself. he bought it from John Souters



*Chris Kennedy is pictured using the Stimpmeter on the 4th green, west course, Wentworth, on the morning of the third round of May's PGA Championship.*

of Souters in Stirling – the only source known to him for Stimpmeters which were imported from America – and still the only source known to George.

**The fifth in a series of articles in which Harold Swash, Britain's "Putting Doctor", engages in dialogue with members of BIGGA on "What golfers want from putting green surfaces."**

George was then Head Greenkeeper at Renfrew Golf Club, and it was from that time onwards that he started taking regular Stimpmeter readings of the speed of the greens and noting the difference which each maintenance task has on the roll of the ball. He also started regular double verticutting the greens once a week. This more than anything else helped him to maintain a consistent green speed without cutting too close.

### Harold Swash with John Nelson

He was able to achieve a Stimpmeter reading of 8.5-9 cutting at 5/32 of an inch. He also found he could increase the speed of his greens by as much as 6 inches by the frequent use of light top dressings of sand brushed into the greens. For the Scottish Amateur Championship in 1984 he achieved a 10.5 reading (reducing the amount of water applied during a dry spell).

When George moved to his present Golf Club – Ham Manor – he found the members enjoy greens which are not too fast but which are consistently between Stimpmeter readings of 8 and 9. To ensure this speed and consistency he has continued to follow the cutting regime he started at Renfrew – cutting each day including Saturdays and Sunday i.e. 7 days a week with double verticutting midweek.

The reputation for its greens which it now enjoys was one of the major reasons

why Ham Manor was chosen to hold the English Open Seniors Championship last year. George claims that the greens he prepared for that tournament were his best ever. The Stimpmeter reading was 9 and the greens would only hold the ball when it was hit well into the green.

You have only to be in George's company for a very short time before you are talking greens and Stimpmeter readings. His enthusiasm is unbounded and infectious and he takes every opportunity to promote the gospel of the Stimpmeter.

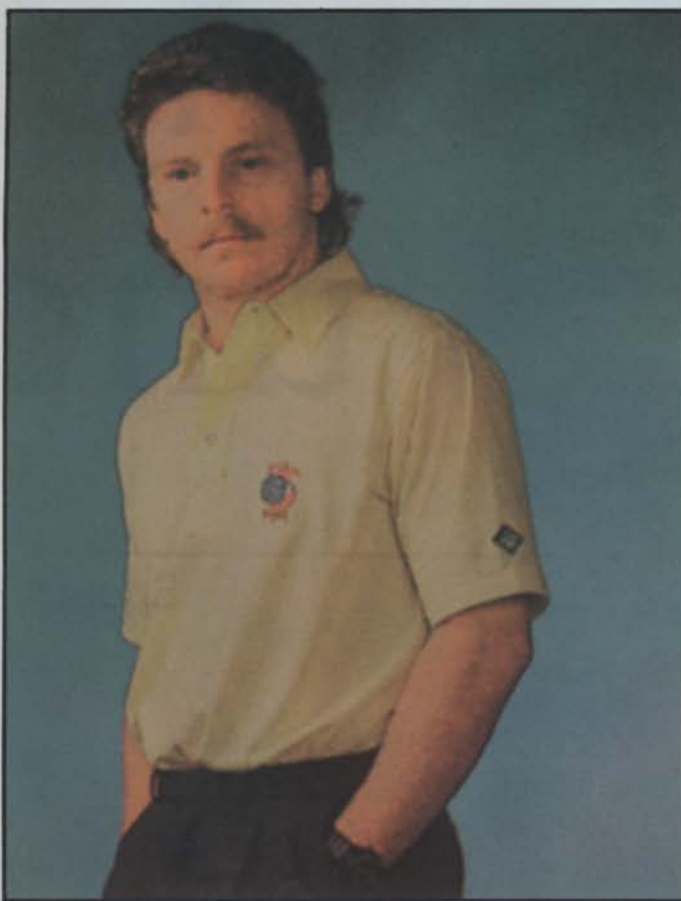
Already, through his efforts to help a Swedish youngster gain experience in greenkeeping, Stimpmeter knowhow is on its way to Sweden; a group of first year greenkeepers from Plumpton Agricultural College on a recent visit to Ham Manor as part of their course went back with the value of the Stimpmeter firmly planted in their minds; and we have no doubt that the other members of the South East Region Board of BIGGA will have been similarly indoctrinated.

George also believes that all greenkeepers (especially those who become Head Greenkeepers) should be encouraged to play golf not only on their own courses but on others. He says that the greenkeeper who plays golf – whatever his standard – gains a better understanding of what club members want from their greens – and course).

We are sure that the officials and members of Ham Manor Golf Club, a delightful parkland course with fine spring turf and, although not within sight or sound of the sea, influenced by Channel breezes, rejoice in the excellent greens they have and their well-deserved reputation. Hopefully they give due recognition to George Barr and the Stimpmeter for that reputation.

Hopefully, too, other golf clubs and their members will soon begin to ask questions about the speed of their greens and 'what's all this about the Stimpmeter'.

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