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THE  
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Tel: 0118973 6600 Fax: 0118 973 6677 E-mail: james.bennett1@virgin.net

# B THERE FREE!

Welcome to the third and final part of this exciting competition, which is your last chance to win an all expenses trip to Harrogate, the host of BTME'99.

Over 170 exhibitors are set to promote their products and services at next year's BIGGA Turf Management Exhibition featuring the Learning Experience. Judging by the response to this year's show, it looks as though visitor attendance figures are set to break all records once again!

Well what are you waiting for? Here are the final and most challenging of the six questions featured over the last couple of months. Simply complete the form below and return it to us no later than 31st October 1998.

#### October questions

1. Which Golf Club won two of BIGGA's major competitions in 1997?

2. Who sponsored the BIGGA Golf Day in June this year?

And just a reminder for the August questions:

1. What date does the BIGGA Turf Management Exhibition start?

2. What date does then BIGGA National Education Conference start?

#### September Questions:

1. Name the new workshop for 1999

2. What is the name of BIGGA's Education & Training Assistant?

First Prize Return rail travel from anywhere in the UK plus three nights accommodation at a top hotel in Harrogate and entry into all the education seminar sessions.

Second Prize Return rail travel from anywhere in the UK plus two nights accommodation at a top hotel in Harrogate and entry into all the education seminar sessions.

Third Prize Return rail travel from anywhere in the UK plus one nights accommodation at a top hotel in Harrogate and entry into all the education seminar sessions.

Name

Address

Tel

GC/Co?

Send your completed entry form to: BTME Competition, BIGGA, Aldwark Manor, Aldwark, York, YO6 2NF. The first three correct entries opened after the closing date will win the prizes. Judges decision is final.



# THERE



## 20-22 JANUARY, 1999

### EDUCATION PROGRAMME STARTS JANUARY 18 HARROGATE INTERNATIONAL CENTRE, HARROGATE, ENGLAND

BTME VISITOR HOTLINE 01347 833833 BTME EXHIBITOR HOTLINE 01347 833834

# Branching Out



Trees often form an integral part of both the strategy and landscape of a golf course and yet both the management and planting of trees are frequently viewed by golf clubs as of minor importance.

Subsequently, new tree planting is often undertaken by one well-intentioned individual who views the golf course as an extension to his own garden.

The results of this are all too often evident when visiting courses. Flowing cherries and other exotic species abound and once established it becomes very difficult to rectify such problems as club house politics dictate no tree should ever be removed, no matter how many replacements are planted.

It is therefore essential when undertaking tree planting schemes, of any size, to take advice and to plant in keeping with the existing landscape character of the course. Similarly, where courses have existing woodland, management will be required in order to create sustainable woodland and to protect the strategy of the golf course.

It is therefore advisable to take expert advice from the outset, this

course of action is however often curtailed as it is thought to be expensive. But to quote Dr Alister MacKenzie, 1920, *Golf Architecture* "Perhaps the most serious mistake made by golf committees is the fallacy that they will save money by neglecting to get expert advice."

This statement manifests itself in a number of ways regarding trees. Firstly, careful planning is required to avoid the future problems with turf management factors such as air circulation, sunlight penetration, water uptake and rooting habit have to be taken into account at design stage otherwise the trees which are planted and maintained for a number of years will then have to be removed.

Secondly, suitable species to suit the soil and climate of the area need to be used if successful establishment is to be achieved.

Finally, planting and management costs can often be offset by grants from various organisations. Listed below are guidelines to some of the grants available for both new planting and the management of existing woodland.

# Branching Out



## The Forestry Authority Woodland Grant Scheme

Planting Grants	Broadleaves	Conifers	Conditions
Up to 10ha	£1350/ha	£700/ha	Min spacing 3m*
More than 10ha	£1050/ha	£700/ha	70% paid after planting**

\* min area 0.1ha-0.25ha \* min width 15m \*\* 30% paid after five years

### New Planting

The basic new planting grant is paid in two instalments - 70% when planting is finished and 30% after five years once successful establishment is achieved (although your contractual agreement is over 10 years). Allied to this grant are a number of supplements which are aimed at encouraging planting in priority areas

### Better Land Supplement - £600/ha

This grant could apply to either new golf courses or courses which are extending onto new agricultural land. The land to be developed must be either "arable land" or "improved grassland" and must have been in agricultural use for the previous three years and be of that designation at the time of the initial inspection by the Forestry Authority.

### Community Woodland Supplement - £950/ha

This may be applicable to golf courses which have a public footpath or bridleway crossing through areas of potential new planting.

The aim of the grant is to encourage public access to new woodlands. This is, of course, in contradiction to most golf club's policies where safety dictates discouraging access. However, if the access is already there, then why not take advantage of the grants available, using the new planting to screen and protect the public right of way.

It may also be necessary to way-mark the route of the path with "Walkers Welcome" signs provided by the Forestry Authority or to offer the use of car parking facilities to the public. This grant may or may not be applicable to individual golf courses but at £950/ha is particularly lucrative.

To be eligible for CWS, the new planting must be within five miles of a conurbation where there are few other woodlands available for recreation.

The payment is normally made with the first instalment of the new planting grant

### Locational Supplement - £600/ha

The aim of this grant is to encourage planting in target areas, particularly Community Forests.

Payments are made with the first instalment of the establishment grant.

The grants are awarded on a discretionary basis, with different criteria being used in different areas.

### Case Studies

- Balbirnie Park, Fife - Grant of £2950 for managing 14ha of small woods over five years.
- Roseberry Grange, Durham - 19,000 trees planted, 72% grant.
- Brookdale, Manchester - 6,000 trees planted, 47% grant
- Hadley Wood, London - 1,100 trees planted, 40% grant.
- Grant of £4125 for managing 23ha of woodland over five years.

## Existing Woodland

### Natural Regeneration Grant

Natural regeneration provides an alternative to new planting in areas of existing woodland. The grant falls into two categories.

- a discretionary payment of 50% of the agreed costs of work necessary to encourage natural regeneration (paid on completion of work).
- a fixed payment of £325/conifers, £525/broadleaves once restocking has occurred at the appropriate density.

### Annual Management Grant - £35/ha per annum for five years

Annual Management Grant is intended to help towards some of the costs of the work required to maintain and improve existing woodlands.

### Types of work eligible

• safeguard or enhance woodlands that are of high conservation or landscape value

\* improve woodlands which are currently below environmental standards - examples being clearing conifers from stream sides or improving the landscape value of woodland.

### Payment of Grant

For woods under five ha the payments is in a lump sum in year two once the work is complete.

For areas over five ha the grant is paid annually for a period of five years.

### Woodland Improvement Grant

WIG is available in specific areas of the country over a limited period of time. It is paid to bring certain types of woodland back into management or where work will improve the conservation, landscape or recreational value of the site. It is a discretionary payment of 50% of aged costs.

### Other Grants

Other grants may be available from sources such as MAFF, The Countryside Commission and local authorities.

### Summary

To date we have been able to secure grant aid for over 50 clubs ranging from Aberdeen to London. Net cost varying from £1,000 to £9,000.

Eamonn Wall & Co is a Woodland Design and Management firm with bases in Dollar, Durham and Reading, specialising in the management of trees in the golfing landscape. If you require further information, John Nicholson would be pleased to hear from Tel: 0191 384 2556

# MASSIVE SAVINGS ON EX-DEMONSTRATION & USED MACHINERY!



Ransomes T-Plex 185, 240 hrs £8950  
Ransomes T-Plex 285, 40 hrs £9950



Kubota B1750, 74 hrs "as new" £6950  
Kubota ST30, 445 hrs only £8750



Allet 36", excellent! £3950, also "as new"  
Dennis 36" diesel and Mastiff P.O.A.



Shattermaster 6 leg vibrating mole  
£4950 Twose 3 leg £1250



Fully reconditioned LF3810 4WD,  
899 hrs, MASSIVE SAVING! £19500



Ex-Dem Ransomes Fairway 405, only 148 hrs R.R.P. £34,050 ONLY £23,950  
Fairway 250 40 hrs R.R.P. £26,630 ONLY £14,950



Ex-Dem Huxley 60" Soil Reliever, R.R.P.  
£15,950 MASSIVE SAVING AT £8950



Charterhouse Bulk Dresser, New price £11,000,  
fully reconditioned £6950 SAVE £4000!



Toro hydroject 3000 £10,450  
Toro Greens Aerator £5950



Toro GM3200D, low hours £12,500



Ex-Dem Ransomes E-Plex  
SAVE £6000 ONLY £7950!



Ex-Dem Cushman GA60 aerator, 40 hrs,  
R.R.P. £18,610 ONLY £8950



Selection of Ransomes 213's P.O.A.  
Ryan GA30, low hours, £7950



AFT Wizz Wheel with lazer leveller £9450.  
Dual Use backfilling hopper £2950



Auto Leader cylinder, bottom blade and  
in-situ grinder £5950



Ex-Dem Proseeder combined  
overseeder and topdresser £3750



Moore Uni Drill, very little used £7950  
Case 248, only 524 hours £9950



Gannon Aeravator 60" overseeder  
£3950



Huxley TV36 fine turf scarifier collector,  
very little used £1850

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**TRUE-SURFACE** rollers weigh no more than your standard mowing units. Their unique vibratory action energises the surface particles and transforms the green back to its original shape without using a heavyweight roller!

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- Raise cutting heights or miss a mowing to relieve stress without loss of speed
- Restore surface after aeration
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# GREENSWARD DIRECT

Manor Farm, Otley Road, Adel, Leeds, LS16 7AL, England 0113 267 6000

## Ken Richardson gives a last minute run down of the courses and educational opportunities still available to you.

# PREPARING FOR THE FUTURE

There do not seem to be enough hours in the day to do all that is necessary to ensure that our move to the new offices goes smoothly, that arrangements have been made for the Finals of the TORO Student of the Year and Excellence in Greenkeeping Competitions, that arrangements have been finalised for the Aldwark Manor and Regional Training Courses and that the Learning Experience brochure, sponsored by Textron Turfcare and Speciality Products, is printed and ready for distribution. Additionally, we have, recently, published two new field guides and a new poster is in production. How I am finding time for a holiday is a mystery to me, perhaps I manage my time without realising.

Managing time is a theme which appears in several of the training courses both at Aldwark Manor and in the Regions and it must be a subject that is of interest to all greenkeepers. I know that making time for non-essential matters must be difficult when you have to manage a golf course in difficult conditions. However, what you may learn on a BIGGA course could help to make your job easier. Places are still available on several of our Autumn 98 and Spring 99 courses which I have listed below and, thanks to a reminder from Jim Arthur, I have remembered to include the name(s) of the presenter(s). Contact BIGGA HQ today to check the latest availability for you and your staff, and make sure that you are prepared for the management demands of 1999 and beyond.

### Golf Course Design, Construction and Establishment

Presented by Howard Swan and Simon Gidman

This two day workshop is based on the highly successful workshop at Harrogate and includes some theory but is largely 'hands on' with delegates producing a detailed design of greens, tees, irrigation and drainage.

*Places are still available for the incredibly low price of £80 +VAT (£94) at:*  
 Inchyra Grange, Falkirk on 13 & 14 October 1998

Lakeside Moat House, Grays, Essex on 10 & 11 November 1998  
 Burrendale Hotel, Newcastle, Co Down on 24 & 25 November 1998, not 24/25 October as printed in the August Edition of Greenkeeper International.  
 Borringdon Hall Hotel Plymouth on 8 & 9 November 1998  
 Swansea Marriot on 10 & 11 December 1998

### Project Management

Presented by Brin Bendon from Vector Training

This two day course is a must for all greenkeeper involved in planning and controlling an on course project. The course includes information to help you plan, monitor, cost and control projects large or small.

*Places are still available for the incredibly low price of £80 +VAT (£94) at:*  
 Weston Hotel, Weston Flavell, Northampton on 8 & 9 December 1998

### Pesticide Management

Presented by Douglas Shearer

Do you know how to select and specify the best pesticide for a particular task? Do you understand the requirements for storage, application and disposal? Are you a competent person? Find out by attending this two day course.

*Places are still available for the incredibly low price of £80 +VAT (£94) at:*

Inchyra Grange Hotel on 23 & 24 February 1998.

### Irrigation Workshop

Presented by David Halford and members of the British Turf and Landscape Irrigation Association.

The workshop at Walsall on 24/25 November 1998 is now FULL. This workshop will be presented again in the Majestic Hotel at Harrogate on 18/19 January 1999. See the 'Learning Experience' brochure for full details.

### Essential Supervisory Management Skills

Presented by Brin Bendon from Vector Training.

This two day workshop, which gives essential skills and knowledge for all greenkeepers who are or are about to become supervisors, has proved to be so popular that we have had to arrange a second course. Be sure to apply today if you want to make sure of your place.

*Places are still available for the incredibly low price of £30 +VAT (£35.75) at:*  
 Queens Hotel, Chester on 1 & 2 December 1998.

### Interviewing Skills

Presented by Brin Bendon

This one day course will give you hints and techniques that you can use when interviewing new staff and prepare you to be interviewed for your next job.

*Places are still available for the incredibly low price of £30 +VAT (£35.75) at:*

Inchyra Grange Hotel Falkirk on 16 February 1999.

### Report Writing 1 and 2

Presented by Frank Newberry or Brin Bendon.

Learn the techniques of business English, preparation and presentation methods on Report Writing 1 then return to see how to put the techniques into practice on Report Writing 2.

*Places are still available for the incredibly low price of £30 +VAT (£35.75) per day at:*  
 Aldwark Manor on 29 October 1998 and 10 February 1999 - Brin Bendon  
 Forte Posthouse Maidstone on 18 November 1998 and 23 February 1999 - Frank Newberry  
 Watermill Hotel, Hemel Hempstead on 3 December 1998 - Frank Newberry

### Employment Contracts

Presented by Frank Newberry

Do you or your staff have contracts? Do you know what should be included? Do you know what your rights are? Find out by attending this one day course.

*Places are still available for the incredibly low price of £30 +VAT (£35.25) per day at:*  
 Castle Hotel Taunton on 11 November 1998

### Health and Safety 1 and 2

Presented by Tony Rees

Find out how to assess hazards, conduct risk assessments, understand the Health and Safety at Work Act and how to stay within the Law on Health and Safety 1 then return and see how to produce the relevant documentation on Health and Safety 2.

*Places are still available for the incredibly low price of £30 +VAT (£35.25) per day at:*  
 Castle Hotel Taunton on 3 November 1998 and 23 February 1999  
 Nottingham Moat House on 10 November 1998 and 10 February 1999  
 Swallow Highcliff, Bournemouth on 24 November 1998 and 16 February 1999  
 Aldwark Manor on 8 December 1998 and 11 February 1999

Presented by Douglas Shearer at Inchyra Grange Hotel, Falkirk on 1 December 1998 and 9 February 1999.

### Aldwark Manor Supervisory Management Courses

A limited number of places are still available on this year's Aldwark Manor Supervisory Management Courses. Weeks 1 to 4 introduce you to a wide range of supervisory management skills and Week 5 covers Irrigation and Drainage Management. All courses are linked to N/SVQ Level 3 Sportsturf Maintenance and N/SVQ Level 4 in Sportsturf Management. Presented for the fifth year by Brin Bendon and for the first time by members of the British Turf and Landscape Irrigation Association and Land Drainage Contractors Association. These courses are excellent value for money especially as all training will take place in the Training Room in BIGGA's new headquarters and accommodation will be in the newly refurbished Aldwark Manor Hotel.

*The cost for all training accommodation for four nights and all food is £500 +VAT (£587.50)*



SOVEREIGN TURF LIMITED

**FOR FURTHER  
INFORMATION  
PLEASE CONTACT  
STEVE WILLIAMS**

TEL: **01603 746229**  
FAX: **01603 746243**  
MOBILE: **0850 752744**



**T.G.A. APPROVED TURF QUALITY STANDARDS**

**DECLARATION OF TURF CHARACTERISTICS**

**Company Name :** Sovereign Turf

**Field Identification :** 121A

**Grade of Turf :**  
NEW CENTURY (2)

**Date of Harvest :**

**Date Sown :** 9.9.97

**Assessment Date :** 5.9.98

Details of seed mixture sown to produce the turf		
Species	Cultivar	% in mixture (by weight of seed)
1 CHEWINGS FESCUE	CENTER	40
2 SLENDER CREEPING RED FESCUE	JUPITER	40
3 BROWNTOP BENT	HIGHLAND	17.5
4 BROWNTOP BENT	LANCE	2.5
5		
6		
7		

Soil type :	SANDY LOAM	
Netting present in turf :	Yes	No
Weight of turf :	18	kg
% turf purity (assessed by quadrat) :	99	%.
Nominal size of turf piece :	16" X 81"	

This turf has passed the TGA assessments for:	Actual Values	Target Values
Soil thickness (mm)	12	5-15mm
Thatch thickness (mm)	3	less than 10 mm
Height of sward (mm)	25	less than 35 mm
Strength (Number of turves picked up without tearing)	18 out of 20	15 out of 20
General health of turf	HEALTHY AND VERY EVEN	

Approximate percentage cover of plant species found in turf (assessed using quadrats)	1 FESCUES	87 %.	5	%.
	2 BENTS	12 %.	6	%.
	3 POA ANNUA	1 %.	7	%.
	4	%.	8	%.

Notes:

*Available now!*

Signed:

*Mark Lusk  
PP Mac Bailey*

\*details of assessment methods available on request

**"All Year Round Quality Turf"**



220A



RZi 700



TURF GATOR



1500 AERATOR



3235A



2653A

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No one can accuse John Deere of standing still. Since 1995, we've added 8 quality machines to our line. Another strong statement about our commitment to your business. New this year are the Turf Gator and 220A Walk-Behind Greens Mower.

The Turf Gator's unique combination of toughness and quietness make it perfect for the golf course. Toughness comes from unibody construction and one-piece forged axles. Quietness comes from a large volume silencer, internal sound absorbing material, and golf-car-style transmission.

The 220A is the latest addition to John Deere's quality line of walk-behind greens mowers. 220A improvements include an isolation-mounted engine for reduced vibration, improved operator-presence safety system, and an easier-filling grass box design.

Add superior parts support and our existing line of quality mowers, tractors, aerators, root zone injectors and utility vehicles and you see why John Deere is the fastest growing golf and turf equipment name in the world. Talk with us soon for a first-hand look.



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NOTTINGHAM



Saltex '98 as ever produced a variety of weather conditions which would keep even the most voracious meteorological student satisfied. If the more conventional use had been made Windsor Racecourse the going would have been classified as "heavy" but the occasionally torrential rain, coupled with the high winds, did nothing to blow away or dampen the enthusiasm of exhibitor and visitor alike and the number of new products unveiled was a healthy sign to gladden the hearts of industry watchers.

# Saltex REVIEW



## Watermation join forces with Toro



A union between two well known companies in the irrigation business was revealed the show when Watermation was appointed as an authorised installer of Toro irrigation products. It follows TIL Irrigation's decision to market its products and services under the Hydroscape name.

Aldershot-based Watermation has been installing irrigation systems on golf courses for almost 30 years and has a portfolio of over 1,000 courses, but recently decided that the design and manufacture of its own range of products would no longer be feasible. It decided, therefore to look at another option, that of sourcing products from another supplier.

"I see the partnership between Watermation and Hydroscape as a new chapter in Watermation's history," said Watermation Chairman, Ray Lewis (left).

"The combination of the Toro range and Watermation's design and installation skills will provide the market with the highest possible standard of irrigations systems."

Peter Roberts, Chairman and Managing Director of the Hydroscape Group, said.

"Watermation's Choice of Toro and Hydroscape re-emphasises the leading position all three companies hold in the UK amenity market.

"We know that the relationship will prove beneficial to all concerned."

## Alanco

Alanco, designer and manufacturer of Weed Free's Spraying Mantis has launched the Allrounder. Similar in concept but on a smaller scale the new all purpose utility vehicle can take a variety of attachments including top dresser, aeration unit, three gang mower and sprayers with a tank capacity of up to 1000 litres.

It has a 60 horse power dual fuel engine hydraulic take off, low pressure tyres and four wheel drive, and comes in three models.

For further information Tel: 01622 832830.

## Textron

Peter Wilson, President of Textron Turf and Specialty Products, missed the show after being caught up in an Air Canada strike which left him stranded on the wrong continent. His apologies were given at the annual Textron Reception on the Tuesday evening by Sales Director Andrew Sunaway.

## Bioseed

Bioseed Probiotics Ltd has introduced the Sustane range of soil buildings/fertilisers into the UK market and this will be distributed through Amenity Technology.

Sustane has been released following three seasons of trials which have provided information regarding the product's performance in tackling thatch reduction, disease suppression, Take All eradication, dormant winter feeding and black layer eradication.

For further information Tel: 01747 852771.

## Vitax

Vitax has introduced Twincarb, which contains carbendazim and acts as a systemic fungicide.

The product which comes in either one litre and five litre packs works on Fusarium and Dollar Spot while it also controls casting worms while systematic action prevents reinfection and has a non-irritant formulation.

For further information Tel: 01530 510060.

## The 'A' grade

British Seed Houses introduced new grass varieties Loretta Nova and Raisa to its "A" grade mixture.

Lorretta Nova ryegrass offers strong growth and low nutrient conditions, good shoot density and close mowing tolerance with excellent disease resistance.

Raisa chewings fescue delivers excellent shoot density, short growth and readily accepts close mowing.

For further information Tel: 01925 654411.

## London Club are Spray away winners



The London Club was this year's winner of the Blazon Spray Watch campaign and Courses Manager Steve Jones was on hand to receive the first prize of a Hardi AMK 300 Tractor Mounted Sprayer from BIGGA Chairman, Gordon Child.

In addition to winning the sprayer for the club Steve, also won an expenses paid trip to the 1999 GCSAA Convention and Show in Orlando, Florida, next February.

## John Deere: Small is beautiful

A new generation of four wheel drive compact tractors was launched by John Deere. The 4000 Series models, from 20 to 423 hp, offer a host of big tractor features in a compact size.

The entire range features a new Yanmar clear and silent three or four cylinder diesel engine with low exhaust and emission levels and there is a choice of gear or infinite speed hydrostatic transmissions on all except the 4200 version which is only available in hydrostatic form and the 4500 which is gear only.

All the tractors can carry a loader, mower and backhoe at the same time while other attachments include rear and mid mounted mowers, front blades and brooms while the three point hitch for rear mounted equipment offers lift capacity of up to 1.4 tonnes matching the highest in the industry.

There is also a new range of dedicated front mounted loaders with joystick controls for materials handling



and heavy lifting jobs.

Also launched was the F735 compact diesel front mower which is particularly suitable for mowing open areas as well as trimming around trees, shrubs, flower beds, signs and fences.

It features a new vertical crankshaft, two cylinder Yanmar 20.5ph diesel engine with shaft drive to the mowing deck for greater reliability and a longer operating life.

For further information Tel: 01949 860491.

## Scotts on fastrack with Speedway



Scotts launched Maraud and Speedway 2 at the Show while it was announced that Greenshield has been cleared for use against worm casts.

Maraud is a contact and fumigant insecticide based on chlorpyrifos, which targets leatherjacket and frit fly and is sold in one litre packs sufficient to treat 6,666 square metres.

Speedway 2 is an amenity herbicide containing diquat and paraquat and has a fast contact action against most weed species. In warm weather it will kill weeds within two days by disrupting the plant's photosynthetic process. The product is manufactured as water dispersible granule formulation to give dust free mixing with water. It is also rain fast and inactivated by contact with the soil.

Greenshield targets fusarium, red thread, Anthracnose, Take All and leaf spot as well as now being cleared to reduce worm casts.

For further information Tel: 01473 830492.