



President
The Rt. Hon.
Viscount Whitelaw
K.T., C.H., M.C.,
D.L.

BIGGA BOARD OF MANAGEMENT

Chairman: Patrick Murphy
Vice Chairman: Gordon Child
Past Chairman: Dean Cleaver

BOARD MEMBERS

Richard Barker
George Barr
Robin Greaves
Jim Paton
David Milbourne

EXECUTIVE DIRECTOR

Neil Thomas B.A.

ADMINISTRATION MANAGER

John Pemberton

EDUCATION OFFICER

Ken Richardson

SALES AND MARKETING MANAGER

James McEvoy

MEMBERSHIP SERVICES OFFICER

Janet Adamson

Where to contact BIGGA

Aldwark Manor, Aldwark, Airedale,
York, North Yorkshire YO6 2NF

Tel: 01347 838581
Fax: 01347 838864

■ The next edition of
Greenkeeper International
should be with you by June 10

GREENKEEPER

International

MAY 1997

Contents

A challenge, if you're up to it...

The actual design of Naunton Downs golf course created problems for maintenance staff from the very beginning. Scott MacCallum visited the Cotswold hills to peer into a ravine which provoked so many challenges **Pages 18-19**



The American way

Andreas Herrmann, a German greenkeeper from a Bernhard Langer course, gives his observations after spending two years on a golf and turf programme in New Jersey..... **Pages 16-17**

Setting the standards

BIGGA's latest Golden Key sponsor started business in the late 1980s – and from a standing start produced a first year turnover of £250,000. Introducing Bailey's of Norfolk **Pages 20-21**

Is this a 'pointless' revolution?

Alternative, or soft, spikes made a big impression in the United States – but what kind of mark will they make on this side of the Atlantic? **Pages 28-30**

Regular features

Scott MacCallum The *Greenkeeper International* Editor marvels at the phenomenal talent of Tiger Woods and concludes that we should marvel at his performance rather than trying to catch him outPage 4

News A major breakthrough for greenkeeper training with news of an NVQ specifically for the turf industry; a report on the Scottish region conference, new appointments – all the news from our worldPages 5, 7, 8, 9, 10

Education This month sees the deadline for three of BIGGA's major competitions. Ken Richardson urges prompt action.....Page 14

Cover

Naunton Downs – the Cotswold hill course which likes to set stiff challenges
Picture by Scott MacCallum

WIN £50 CASH IN OUR BUYER'S GUIDE COMPETITION: TURN TO PAGE 55

FREE READER REPLY SERVICE

Use the post-paid Reader Reply Card facing Page 2 for further information on the products and services advertised in this issue. Just state the companies' Ad Ref numbers, post the card to us and we'll arrange for further information to be sent to you direct.



ADVERTISERS' INDEX

a quick reference guide

	Ad Ref	Page
Agriland	84	47
Amenity Technology	431	54,68
Baileys	339	25
Banks Amenity	168	17
Bathgate Silica Sand	543	66
Charterhouse	130	36-37
Cleveland Sitesafe	56	65
Cooper Peglar	158	50
J Gibbs & Co	542	52
Greensward	312	51
Hayter	90	38
John Deere	103	32
Johnsons Seeds	540	28-29
Kawasaki	544	49
Kubota	86	6
Lely/Toro	61	14-15
		40-41
Levington	102	51
Liquid Sod	394	16
Marlwood	501	24
McNeill Engineering	554	31
Miracle	54	11
Ocmis	360	43
H Pattison	35	24
Portable Refrigeration	552	30
Rhône Poulenc	59	2,22
Risboro Turf	386	24
Service Chemicals	304	48
SGI	491	61
Sharpes International	453	51
Standard Golf	421	50
Supaturf	164	7
TIL	412	45
Tonick Watering	503	13,53
Trusty Tractors	553	24
Buyer's Guide		• 55-60
Classified		• 61
Job Shop		• 61
Recruitment		• 62-65

GREENKEEPER

International

is the official monthly magazine of the British & International Golf Greenkeepers Association

EDITORIAL

Editor: Scott MacCallum

ADVERTISING

Sales and Marketing Manager:
James McEvoy
Sales and Marketing Assistants:
Amanda Freeman
Jenny Pantan
Telephone: 01347 838581
E-mail: general@bigga.co.uk

PRODUCTION

Design and Production Editor:
Tim Moat, telephone 01904 610611
ISDN: 01904 626130
E-mail: timmoat@headline-comm.co.uk

PRINTING

Hi-Tec Print, Unit 7, Universal Crescent,
North Anston Trading Estate,
North Anston, Sheffield S31 7NZ
Tel: 01909 568533, fax: 01909 568206

Greenkeeper International: winner of Certificate of Merit in Magazine of the Year category, Editing for Industry Awards 1994 and 1995

Contents may not be reprinted or otherwise reproduced without written permission. Return postage must accompany all materials submitted if return is requested. No responsibility can be assumed for unsolicited materials. The right is reserved to edit submissions before publication.

Although every care will be taken, no responsibility is accepted for loss of manuscripts, photographs or artwork. Opinions expressed are not necessarily those of the Association and no responsibility is accepted by the Association for such content, advertising or product information that may appear.

Circulation is by subscription. Subscription rate: UK £34 per year, Europe and Eire £44. The magazine is also distributed to BIGGA members, golf clubs, local authorities, the turf industry, libraries and central government.

ISSN 0961-6977
© 1997 British & International Golf Greenkeepers Association

Greenkeeper Education and Development Fund

The Fund provides the key to the future for greenkeeper, golf club and game. Individuals and companies can join the Golden Key Circle and Silver Key Circle. For details, contact BIGGA on 01347 838581.

GOLDEN KEY CIRCLE COMPANY MEMBERS:

• Amazone Ground Care • Bailey's of Norfolk • Hardi Ltd • Hayter Ltd
• Jacobsen E-Z-Go Textron • John Deere Ltd • Kubota UK Ltd
• Levington Horticulture Ltd • Miracle Professional • Mommersteeg International • Ocmis Irrigation UK Ltd • PGA European Tour • Ransomes
• Rhône Poulenc Amenity • Rigby Taylor Ltd • Ritfeeed
• Supaturf Products Ltd • The Toro Company

SILVER KEY CIRCLE COMPANY MEMBERS:

• Avoncrop Amenity Products • Fenchurch Insurance Brokers Ltd • Hepworth Minerals & Chemicals Ltd • H Pattison & Co Ltd • Rolawn Ltd • Sisis Equipment Ltd



You can book your exhibition space NOW for BTME 98 – for details call Amanda Freeman on 01347 838581

ADVERTISING WORKS IN GREENKEEPER INTERNATIONAL:

“ We continue to advertise regularly in *Greenkeeper International* because it is a quality publication targeted specifically at our key customer – the greenkeeper ”

– ROGER MOSSOP, Business Manager, Miracle Professional Products

FOR MORE DETAILS CALL:
James McEvoy, Amanda Freeman or Jenny Pantan at BIGGA HQ on 01347 838581.