

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

BIGGA Board of Management Chairman - Gordon Child Vice Chairman - Elliott Small Past Chairman - Patrick Murphy

**Board Members** Richard Barker George Barr Robin Greaves Jim Paton

**Executive Director** Neil Thomas B.A.

Administration Manager John Pemberton

**Education Officer** Ken Richardson

Sales & Marketing Manager James McEvoy

Membership Services Officer Tracey Maddison

Membership Services Assistant Rebecca Watson

You can contact The British and International Golf Greenkeepers Association in any number of ways.

Post: BIGGA, Aldwark Manor, Aldwark, Alne, York, YO61 1UF

Tel: 01347 838581 Fax: 01347 838864

E-mail: bigga@btinternet.com

Internet: www.bigga.org.uk

Use our post-paid reader reply card to obtain further information on the products and services advertised in this

issue. Just state the company's Ad Ref.numbers, post the card to us, and we'll arrange for

further information to be sent

Ad Ref

431 543

98

130

56

403

592

214

549

73 18

594 595

563

312

90 510

365

103

501

382 171

347

35 551 597

443

496

510

258

67

68 71

12

54

60

66 47

66 53

2, 26

60

61

68

33

71 21 20

55, 65

24-25

15, 67

36-37

direct to you.

Amenity Technology Bathgate Silica Sand BLEC

Advertiser

Cambs College Charterhouse

Cleveland Sitesafe

Complete Weed Control Construction Materials

Dixon & Holliday Eagle 1 Golf Products

Eagle Promotions Eric Hunter Grinders Fairfield Turf

Grass Roots Golf Co Ltd Green Releaf

Gannon Oils

Hi-Chem UK

Hydroscape IOG

John Deere Kubota

Marlwood

Pattisons

Rainbird

Rhône-Po

Turf Mech

TyCrop Turf

Richard Campey

Sharpes International Symbio TIS

Wardle Consulting Eng.

Perryfields Plasticisers Fibres

MJT Contracts

MultiCore Aerators

# Greenkeeper August 1998

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

Editorial Editor: Scott MacCallum

Advertising Sales & Marketing Manager: James McEvoy

Sales & Marketing Assistants: Jenny Panton, Cheryl Broomhead

Tel: 01347 838581 Fax: 01347 838864 E-mail: bigga@btinternet.com

# Design

Design & Production Editor: David Emery

Printing Hi-Tec Print, Units 9-10, Houghton Road, Tradion Estate, North North Anston Trading Estate, North Anston, Sheffield S25 4JJ

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 pemission. Return postage must accompany all materials submitted if return is requested. No responsibility can be assumed for unsolitoted 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 for such con-tent, advertising or product information that may appear.

Circulation is by subscription. Subscription is UK \$36 per year. Europe and Eire \$46. The magazine is also distributed to BIGGA members, golf clubs, local authorities, the turf industry, libraries and central government.

ISSN: 0961-6977

tional Golf Greenkeepens Association

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 BICGA GOLDEN KEY and SILVER KEY CIRCLES Circle. For details, please contact BIGGA on 01347 838581

Golden Key Circle Company Members

Amazone Ground Care, Barenbrug, Charterhouse Turf Machinery Ltd, Hayter Ltd, Jacobsen E-Z-Go Textron, John Deere Ltd, Kubota UK Ltd, Levington Horticulture Ltd, Scotts Turf & Amenity, Mommersteeg International, Ocmis Irrigation UK Ltd. PGA European Tour, Rainbird, Ransomes, Rhône-Poulenc Amenity, Rigby Taylor Ltd, Supaturf Products Ltd, The Toro Company, Watermation

# Silver Key Circle Company Members

Fenchurch UK Group Ltd. Rolawn Ltd. Sisis Equipment Ltd, Weed Free

Avoncrop Amenity Products, Lambert/

for exhibition space at BTME99SERIALS To make your booking or for further information call. 01347 838581 now!

OCT 0 3 2003





Your next issue of Greenkeeper International will be with you by September 4

# Regulars

# News

Pages 7, 8, 9, 10, 12, 13

## 14 The Learning Experience

Helping Mother Nature

The first of a seasonal look at St Andrews Links.

### 16 Education

Education and Training Manager Ken Richardson highlights some of the training courses which are on offer this year.

## 17 Letter from...

Sweden. Per Olof Ljung gives an insight into how greenkeepers are treated in Sweden.

## 34-40 Around the Green

## 82 **Features Listing**

Helping you track down some of Greenkeeper International's previous articles.

# 82 As I see it...

BIGGA National Chairman Gordon Child gives his thoughts following another busy month.



(58) As I see it...



(14) Helping Mother Nature