OUR EQUIPMENT COPESWITH NATURE'S TREADMILL.

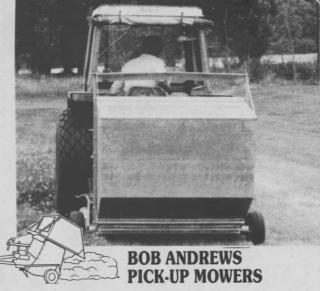
Nature never relents. Maintaining the condition and appearance of parks, golf courses or sports grounds is rather like trying to travel up a 'down' escalator . . . it demands constant effort just to stay abreast and its hard not to lose ground. Bob Andrews' equipment ensures that any project stays manageable . . . a comprehensive range of high performance machines that are easy to operate, built to last and designed to handle the toughest tasks, swiftly and effectively. Mowing, spreading, scarifying, leaf collecting . . . whatever the job, whatever the conditions, Bob Andrews Ltd. can provide the equipment to keep any situation well under control.

TRUE TEMPER CYCLONE SPREADER

The pedestrian "Cyclone" is as impressive as its name implies. A durable

and well-designed unit that spreads any free-running material with an efficiency that's outstanding. No heavy concentrations to damage the turf, no breaks in the pattern leaving sections untreated, no underlap, no overlap . . . just a smooth and uniform delivery at a rate between 1/2-8 oz per sq. vd. and a spread width of 9 ft.





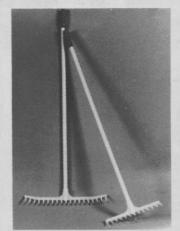
A range of sturdy and versatile tractor drawn pick-up mowers that give high performance for a low outlay. Easy to operate, simply to manoeuvre and quick to unload, they mow and collect long or short grass with equal efficiency. They are ideal for scarifying mown areas and collecting rubbish, twigs, thatch and fallen leaves. With a Bob Andrews Pick-Up Mower on your team you have the power to make short work of time-consuming tasks.

AMAZONE TRACTOR-MOUNTED **SPREADERS**

These are the broadcast spreaders by which all others are judged . . . and found wanting! Over 800,000 sold so far, Amazone spreads all fertilizers and dry dressings accurately and speedily. 6cwt. per load . . .



spreading width 4 - 33 ft.



GOLFER'S RAKES

Light enough to use with one hand. vet almost indestructible. Bob Andrews' Golf **Bunker Rakes have** flexible shafts and heads, and an in-built durability. Every good bunker deserves one . . . two if its a big bunker . . and the price is a pleasant surprise.

Write or phone for full details and name of your nearest stockist.

MORE POWER TO THE PROFESSIONALS

PONTIACWORKS, FERNBANK ROAD, ASCOT, BERKS. TEL: 0344 885575.

his issue

TUNE 1987

Front cover: Henry Cotton, three times Open champion, is pictured officially opening the magnificent course at Letham Grange, near Arbroath. The course has already won much praise and it has been described as the 'Augusta of Scotland.' Certainly, Henry was impressed with the complex, which includes an hotel and restaurant, curling rink and horse-riding facilities. The maestro spoke with great wit when congratulating the developer Ken Smith on "turning a dream into a glorious reality.'

BIGGA UPDATE

The association appoints a general administrator and there's news from the board of management

NEWS & VIEWS

From the north-west and the National Turfgrass Council

OUT ON THE COURSE



This month, we look at Letham Grange

SEVE, ARE YOU SURE?

Greenkeeper tackles the world's leading golfer...

A PROBLEM SHARED

Stephen Redman of the Yelverton club in Devon profiles his golf course

INTRODUCING THE COMPLETE, ALL-IN-ONE GROUND CARE SYSTEM

A new development in machinery

PEOPLE,	PLACES,	PRODUCTS	18
,			

EDUCATION CORNER... 20

NOTEBOOK

APPOINTMENTS 26

31 **BUYERS' GUIDE**

Publisher: Fore Golf Publications Ltd

Managing Director: Michael Coffey

Editor: Robin Stewart

Contributors: Jim Arthur, John Campbell, David Jones, Jimmy Kidd, Jack McMillan, Eddie Park, Donald Steel, Howard Swan, Peter Wisbey and Walter Woods

All advertising matter, editorial copy and correspondence should be sent to: Greenkeeper, 121-123 High Street, Dovercourt, Harwich, Essex CO12 3AP. Tel: 0255 507526

Subscription rates: UK-£18 USA-\$45 Continent-£30 Eire-IR £23

Greenkeeper is published ten times a year. Printed in England by J.B. Offset, Marks Tey, Colchester, Essex

Copyright: Fore Golf Publications Ltd 1987

BIGGA

Board of Management update

GENERAL ADMINISTRATOR

The General Administrator has been appointed and a full announcement will be made in the July issue of Greenkeeper. SUBSCRIPTIONS

The 1987 annual subscription invoice will be mailed out shortly to all members on the three previous Associations' mailing lists. The form will ask members to state their preferred mailing address, whether they are greenkeepers, trade or associated members and, in the case of Head Greenkeepers their club.

This information will be vital for the General Administrator to compile a new and up-to-date mailing list.

For any greenkeeper or anyone associated with the golf course maintenance industry who was not a member of one of the three previous Associations, a membership form will appear in the July issue of Greenkeeper.

THE ASSOCIATION'S COMPETITION FOR A LOGO DESIGN

The Board of Management has opened a competition for members to submit their design for the new Association's logo, title and colour scheme.

Entries are to be submitted to the General Administrator, British and International Golf Greenkeepers Association, Sports Turf Research Institute, Bingley, W. Yorks - to arrive by July 31st

The winner will receive a complete wardrobe of tie, blazer, shirt, pullover immediately the range is produced with the winning entry emblazoned.

OPEN CHAMPIONSHIP

The Association has a hospitality marquee (No. 39) in the tented village, complete with closed circuit T.V., bar facility, snacks, and commissionaire to welcome greenkeepers and their guests. BUNKER RAKING

Continued on page 5...



22

Standing Kevin Munt, George Malcolm, Bill Lawson. Seated Jimmy Nielsen, Walter Woods, Dennis Ayling, Paddy McCarron & Jimmy Kidd.

Some of the Board of Management members at their May meeting.

Around in one at St. Andrews







t takes a real professional to bring out the best in any championship course. That's why St Andrews, the home of golf, and many other Championship courses choose RANSOMES—grass machinery for the professional.

Take the RANSOMES MOTOR 180 for instance, it's ideal for tee and green surrounds with outstanding manoeuvrability and bank performance.

At St Andrews they've found that it also does a great job on the fairways too, where its floating head cutting units make a superb finish.

So from the first tee to the 18th green it's got to be RANSOMES—the best of British mowers.

Ransomes Sims & Jefferies PLC Nacton Works, Ipswich, IP3 9QG. Telephone: Ipswich (0473) 270000 Telex: 98174 Fax: 270030.





YOU'LL FIND US IN ALL THE BEST KEPT PLACES



BIGGA UPDATE CONTINUED...

Volunteers for bunker raking are still required so, if you are attending the Open Championship, please offer to help. A substantial packed lunch is provided, as well as free admittance to the course.

The bunker raking operation will be controlled from a Portakabin, provided by the R & A, beside the 1st tee. Any greenkeepers wishing to take part should contact Cecil George, 4 Alexandria Road, Lenzie, Glasgow, Scotland. **BRANCH NEWSLETTER**

The first newsletter will be published and mailed out with the

July issue of Greenkeeper. All Branch Administrators should send their notes to reach the Editor by the 1st of the month preceding publication. After August 3rd branch news should be sent to the General

Administrator.

IOG EXHIBITION - WINDSOR - SEPTEMBER 14th - 17th

BIGGA will have a stand together with Greenkeeper magazine. Board of Management members will be in attendance together with the General Administrator. The magazine will be announcing a change of title at this time.

MEMBERSHIP CARDS

As an interim measure, regional administrators will supply a letter or a 1986 card overstamped to members requiring proof of BIGGA membership.

EDITORIAL PANEL

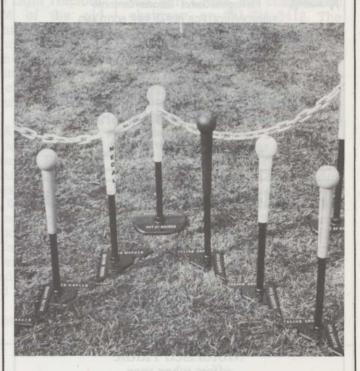
Jimmy Kidd has been appointed Chairman of BIGGA's editorial panel and is presently responsible for the Board of Management minutes until the General Administrator takes up his post on August 3rd.

ANNUAL GOLF TOURNAMENT

This will take place at the Verulam Golf Club, St. Albans, Herts 17th - 19th August 1987.

If you have not already entered contact:- Ken Bunting, I Greenkeepers Cottage, Ashridge Golf Club, Berkhamsted, Herts HP4 1LU. Tel: 044 284 3359. Entry is open to full members of BIGGA. The tournament fee of £10. should be sent with your

ADD THE FINISHING TOUCH



Teeing Ground Area Markers

Custom-made Out of Bounds Markers for around club house borders, etc

Instant Decorative Fencing. Simply push posts into ground with feet and clip on the chain - 60 yards in 60 minutes!

Boundary Markers for tees and greens

Easily moved and replaced after tending borders or mowing. No ground sockets required

Also, special tees for that Company Golf Day

TACIT-T-MARKERS

3 Millers Lane, Monks Kirby, Rugby CV23 0RJ Tel: (0788) 832166

The Berkshire's may be really special...

...but if you need a new irrigation system, or your old one just improved to the highest standards contact...



GOLF LANDSCAPES IRRIGATION

regional TORO



distributor



ASHWELLS ROAD BENTLEY, BRENTWOOD ESSEX. CM15 9SR

> Telephone: (0277) 73720 Telex: 995215 GOLF LG

The proven experience in the field



The Fife Regional Council - Education Committee

elmwood agricultural and technical college

CARSLOGIE ROAD, CUPAR, FIFE KY15 4JB
Fife Regional Council - Education Committee

ELMWOOD COLLEGE, CUPAR, FIFE, SCOTLAND.

GREENKEEPING & GROUNDSMANSHIP

Specialist Programmes of Study by block-release at National Certificate Craft Level (Modular Provision)

We also offer a distance learning/block-release programme in

SUPERVISION FOR GREENKEEPING AND GROUNDSMANSHIP

At Scotec Part III level (Modular Provision)
One week only will be spent in College.
Details and Application Forms from the Registrar
Telephone: (0334) 52781

RATHO PARK GOLF CLUB

Ratho, Newbridge, Midlothian.

FOR SALE

Ransomes bunker rake good condition

£500.00 ono

Motorised riddle

offers when seen

Tel: 031 333 4928

FOR SALE

Verti Drain 200. excellent condition £5,000.

The Secretary,
Dale Hill Golf Club,
Ticehurst,
Wadhurst,
E.Sussex.

Tel: Ticehurst 200112



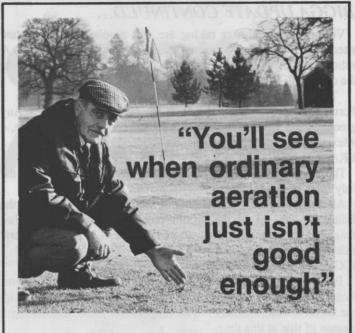
Right Farm Equipment

New and Second-hand Tractors and Grass Cutting Machinery

FOR SALE
Second-hand SISIS Hydromain 17.
Mint Condition. Many Extras.
£2,000 + VAT. ONO.

Ex-Demo Ford 1210 4 W.D. Turf Tyres. Roll Bar. £4,750 + VAT.

We are only a phone call away on 042 878 532



"You'll see alright. It may be surface water is still a problem. The turf could be looking thin and tired. Weeds could be on the increase.

"What you can't see so easily is the cause. Compaction. Or a build up of thatch. Probably both. Either way, the result's the same. Water doen't soak in properly. The soil gets starved of oxygen. Rooting gets shallow. Weeds and disease get a hold. You've got a problem and just spiking holes in the ground isn't going to solve it.

"Hollow tine aeration is the answer. What the Ryan people call Core Cultivation. In fact, I reckon it should be a routine part of any turf maintenance programme, not just a problem solver.

"Why do I think Ryan hollow tine aerators are the best? They're exceptionally well made. Tough and reliable. And they've got a lot of special features, like the Greensaire's 2 inch by 2 inch core pattern. And the unique design which makes each tine go in and out absolutely vertically so that it doesn't damage the top surface like some others can.





New vigorous growth after hollow tining

The Ryan Range

Aerators

Greensaire 16in
Greensaire 24in with optional
Core Processor
Ride-Aire 19in ride-on
Lawnaire 19in
Lawnaire 3ft tractor towed
Tracaire 6ft tractor towed
Renovaire 6ft contouring
tractor towed

Scarifiers

Ren-O-Thin 5hp 18in Ren-O-Thin 7hp 18in Mataway 10hp 19in self propelled

Turf Cutters

J.R. 12in width Heavy duty 12 and 16in widths with automatic chop off and turf rolling "In fact, you should have a look at the whole range of Ryan turf maintenance equipment. It's the best you can buy"

RYAN
Turf Care Equipment

Distributed in the UK by Victa (UK) Limited



Rutherford Road Daneshill West Basingstoke Hants RG24 0QY Tel: (0256) 50301 Telex: 858282

North-West

The spring tournament was held on a chilly but dry day at Bury GC. There was a disappointing turnout of 25 members, who competed for the Hargreaves Cup. The winner was the former assistant greenkeeper from Wrexham GC, Terry Adamson, whose 69 included a hole in one!

Terry's score was matched by Andrew Peel, who had to be content with second net. Chairman Brian Moss was third.

David Berry, who worked so hard to prepare the course, finished fourth. David was the holder and, no doubt, he will bounce back at Heswall in the autumn.

Once again, 'Gypsy' Frank Tyson won the over-55s cup (Frank is the chap who brings his caravan to tournaments from Seascale, Cumbria.)

Finally, thanks to all who spon-

sored the day - SISIS, Burrows Grass Machinery, Martin Bros Sand, Hayters, Rigby Taylor, Trident, Rufford Top Dress, Maxwell Hart and Cheshire Light Tractors.

The final AGM of the old association was held on spring tournament day and the following elected to form the new BIGGA north-west committee: president – E. Staniforth; chairman – B. Moss; vice-chairman – D. Lucas; secretary – D. Golding and treasurer – H. McAddey.

The committee is formed by J. Lowery, W. Lawson, M. Sheehan, W. Merritt, G. Cannings, C. Lunt, L. Sprosten, A. Cross, M. Lewis, T. Adamson and K. Wrae. D. Markam takes an advisory role.

The SISIS invitation takes place on July 1 at the Cavendish club, Buxton. Anyone wishing to play who has not already received an invitation, should contact me immediately.

The section's most important

'battle' takes place at Saddleworth GC on July 22. Any member wishing to play in the Battle Of The Roses should contact Bert Cross, the competition chairman, on 051-724 5412. The match against the northern section is a very enjoyable social occasion, sponsored by Pattisson.

Terry Adamson is hoping to organise a trip to Sweden in the autumn and further details can be obtained from Terry on 0978 83 2908.

A visit to Ransomes at Ipswich has been booked for November 19-20. The cost of £25 includes coach travel, overnight accommodation and meals. Members should inform their Burrows rep or me by June 30 if they wish to be included as numbers are strictly limited.

David Golding, Secretary. Tel: 061-748 8592

Dear Sir

I was interested to read the article by Peter Wisbey in the March issue of *Greenkeeper* and pleased that you are giving space to the important matter of pesticides legislation and the golf club.

Peter did a very good job of explaining the special problems of golf clubs during an NTC workshop at Stoneleigh in October and made people in the MAFF and other official bodies aware of the problems of golf, perhaps for the first time.

It is good that Peter is helping the two-way process of

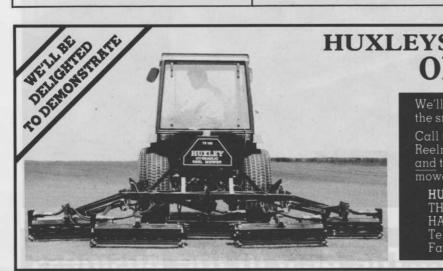
information by his article for greenkeepers.

He refers to codes of practice and I thought it would interest him and your readers to know that the NTC is working to develop a special code of practice for amenity horticulture, which would deal with points specially related to turfgrass and amenity grass in a way not covered by the 'draft code of practice on the agricultural and horticultural use of pesticides,' which was available at the Stoneleigh workshop.

If we can get a code specially for turfgrass areas, we can cover points such as the proper procedures for spraying golf greens and other areas where play is taking place all the time, as Peter mentioned in his article.

The NTC is still at the stage of persuading the Ministry of Agriculture, Fisheries and Food to set in train the arrangements that would produce such a code, developed by all interests within the industry, but we would certainly hope that *Greenkeeper*, perhaps through Peter Wisbey, could have a voice in drawing up such a code.

Your magazine's support for this would be a great help. John Shildrick, National Turfgrass Council, Bingley, West Yorkshire.



ON TOP, ON TURF.

We'll give you the cutting edge in the rough and on the smooth.

Call us today for the full facts on Huxley Hydraulic Reelmowers for compact and smaller-sized tractors and the Cushman Front Line range of ride-on rotary mowers.

HUXLEYS GRASS MACHINERY THE DEAN, NEW ALRESFORD, HANTS SO24 9BL, ENGLAND. Tel: 0962 73 3222 Telex: 894426 Fax: 0962 73 4702



JACOBSEN.



Greens King Team...The Best in the Business

RELIEVE COMPACTED AREAS IMPROVE DRAINAGE

GREATER ROOT DEPTH

A728 LPR

STAY



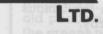
GREENS, TEES **NOTHING GOES**

APPROACHES DEEPER.

Brian D. Dierson (Contractors) Limited

Homestead Farm, Ringwood Road, Three Legged Cross, Wimborne, Dorset. BH21 6QY Telephone: Verwood 822372 & 824906 (STD 0202)

THE 'TUFTURF' TEE MAT -Like a piece of firm, well sprung fairway



FOR TEE SHOTS



AND FAIRWAY SHOTS



"A British made porous hardwearing all weather tee 1.5m x 1m and 2m x1m. Synthetic grass, bonded to reconstituted rubber underlay shock pad with 60 tee inserts, combine to give a superb playing surface. Its use is highly beneficial as a WINTER TEE, or when re-turfing tees in the playing season. Also ideal for DRIVING RANGES and PRACTICE GROUNDS both indoor and outdoor.' Further details from:-

> CARPETITION LTD., 6 KAFFIR ROAD, EDGERTON, **HUDDERSFIELD HD2 2AN.** Tel: 0484-28777

Out On The Course



LETHAM GRANGE

Jim Grainger, course manager at Letham Grange, talks to *Greenkeeper* correspondent John Campbell.

THE opening of a new golf course is always a cause for jubilation among golfers in any part of the country, but it is even more important to the greenkeeping profession. Scotland has always had more than its share of good courses and now another has been added to the list in the shape of the Letham Grange Golf and Country Club, near Arbroath.

The inauguration ceremony was performed adroitly by the old master, Henry Cotton, whose golfing skill in an earlier age is still remembered on the famous Carnoustie links nearby.

Tribute was paid by members and guests to the way the course is being groomed and gradually brought to maturity by course manager Jim Grainger and his staff. There can't be many green-keepers with a greater wealth of golf course construction experience than Jim has under his belt at such an early stage. Jim, 37, is essentially an outdoor man, a great lover of country pursuits such as fishing and shooting. With his tall, muscular frame he is a natural athlete and was a useful boxer.

Idyllic

Jim and Jean Grainger live with their two children in idyllic surroundings. "I longed to have my own house with a little piece of land. I have been able to buy this right on the edge of the Letham Grange course and I am monarch of all I survey," Jim said.

"After leaving school and trying one or two jobs, I went to work with Jack McMillan at Cardross Golf Club in the west of Scotland. I got a first-class training in all aspects of course management and upkeep and I was also involved with the building and construction of three new holes there.

"Afterwards, I moved to Durham City GC where I helped to build a completely new course. Then at Middlesbrough I brought on another new course until it was opened for play. Later, I went to Largs in Ayrshire where we did a lot of alterations to greens and tees.

"I came to Letham Grange because it was a challenge and it looked a new and exciting project in over 300 acres of beautiful country. It seemed to be an ideal piece of land for such a develop-



The 3rd green with some impressive housing in the background.