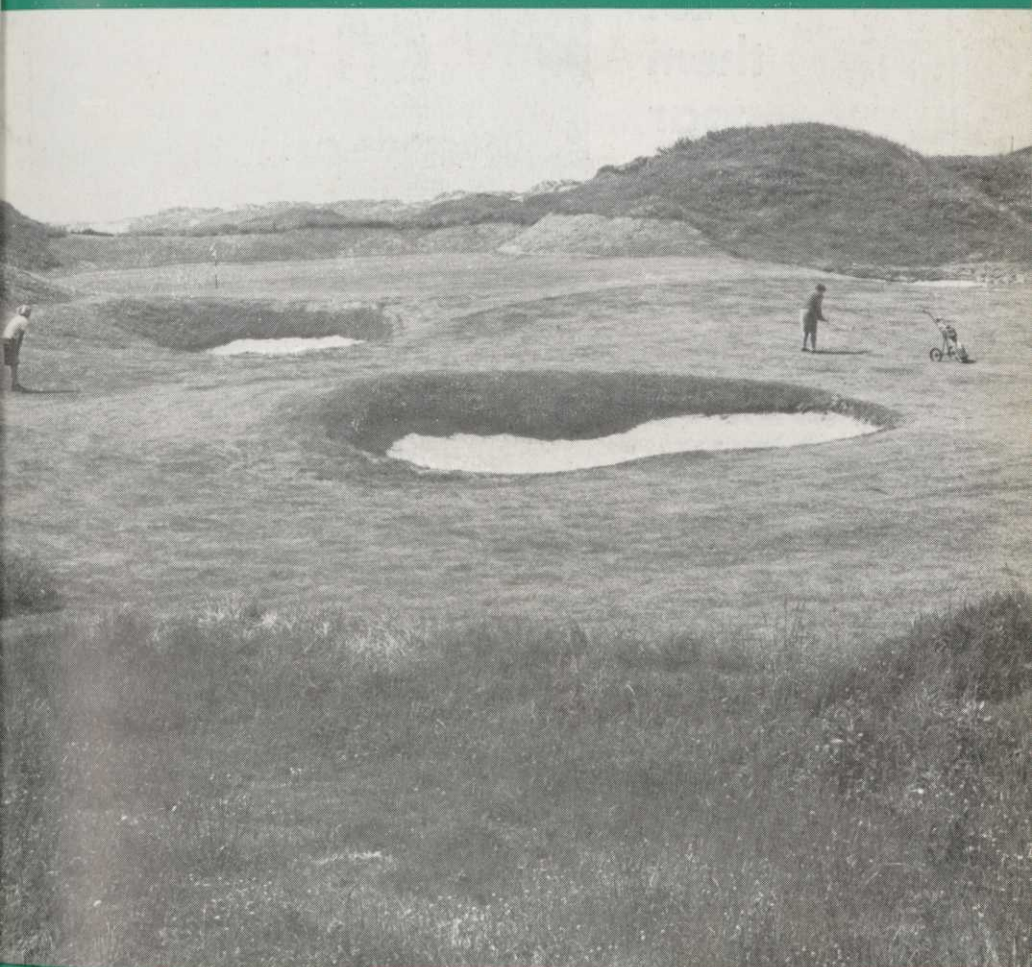


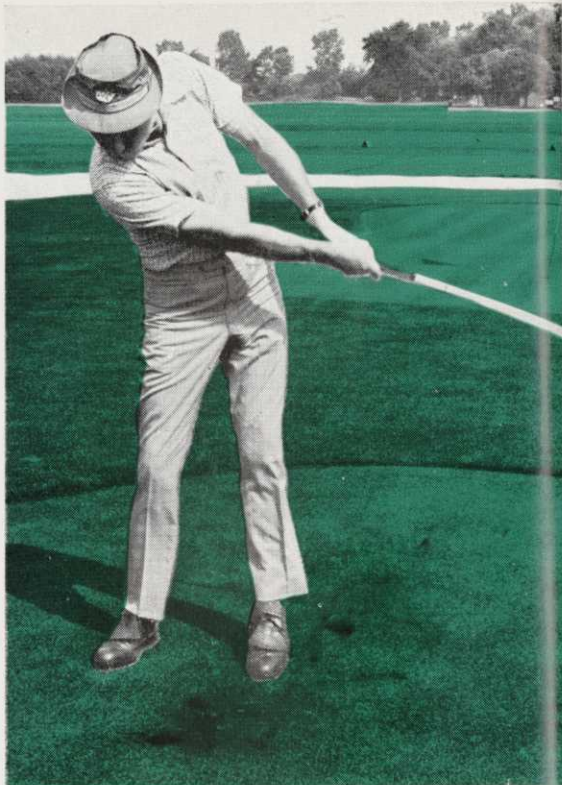
# The British Golf Greenkeeper



**MAY 1972**

**5p**

Warren's A-34 may be examined at the Harlow Car Botanical Gardens, Harrogate, Yorkshire. Planted May 1971.



Let  
them  
tear  
it up...

## Warren's<sup>®</sup> A-34 Kentucky Bluegrass Comes Back Faster!

Warren's A-34 Kentucky Bluegrass (*Poa pratensis*), grows vigorously in shade and sun alike. It is proving to be the best all round grass for use on sports-grounds, parks and recreational areas. Its ability to recover quickly from injury makes it ideal for sowing down golf tees and all those areas receiving wear and tear.

Warren's A-34 Kentucky Bluegrass will tolerate up to 65% shade when maintained at a two inch cutting height. On open sites it can be mown down to 3/8ths of an inch, still grow vigorously and retain its power to recover quickly. It is the one pure strain of bluegrass seed that will thrive in shade and sun and tolerate a wide range of soil and climatic conditions. It is not necessary to blend A-34 with seed of other species or strains and the best results have been obtained from using it neat at a low seeding rate.

Warren's A-34 Kentucky Bluegrass has been under observation by turf grass research departments of leading Universities and other research organizations in the United States and they have all given it a high rating for disease resistance and shade tolerance.

For more particulars on Warren's A-34 Seed phone your inquiry to:

**HURST GUNSON COOPER TABER, LTD.**  
**WITHAM, ESSEX—PHONE WITHAM 3451**

Exclusive Importer for the U.K.

**PETER ADAMS (GARDEN LANDSCAPERS) LTD.,**  
Granley Gardens, Muswell Hill,  
London N10 3AR. Telephone No.: 01-883 5880 and 0821.

A product of Warren's Turf Nursery, Palos Park, Ill. U.S.A.



THE BRITISH GOLF

# GREENKEEPER

HON. EDITOR: F. W. HAWTREE

FOUNDED 1912

PUBLISHED MONTHLY FOR THE BENEFIT OF GREENKEEPERS, GREENKEEPING AND THE GAME OF GOLF BY MEDIA PROMOTIONS LTD ON BEHALF OF THE BRITISH GOLF GREENKEEPERS' ASSOCIATION

No. 324 New Series

MAY 1972

**President:**  
CARL BRETHERTON

**Vice-Presidents:**  
SIR WILLIAM CARR  
GORDON WRIGHT  
F. W. HAWTREE  
S. NORGATE  
I. G. NICHOLLS  
F. V. SOUTHGATE  
P. HAZELL  
W. KINSEY  
P. MARSHALL  
W. PAYNE  
W. MOUNTAIN

**Chairman:**  
J. CARRICK  
Golf Cottage  
Church Brampton  
Northampton

**Vice-Chairman:**  
H. M. WALSH

**Hon. Secretary & Treasurer:**  
C. H. DIX  
Addington Court G.C.  
Featherbed Lane  
Addington, Croydon, Surrey  
CRO 9AA

**Executive Committee:**  
Carl Bretherton (President)  
G. Herrington E. W. Folkes  
V. Smith P. McCarron  
W. Heeles J. Simpson  
A. A. Cockfield H. M. Walsh  
H. Fry (Jun.) T. Graham

**Hon. Auditors:**  
MESSRS SMALLFIELD RAWLINS AND  
Co., Candlewick House, 116/126  
Cannon Street, London, E.C.4.

**Hon. Solicitors:**  
HENRY DOWDING, LL.B.  
203-205 High Street  
Orpington

The Association is affiliated to the English and Welsh Golf Unions.

## CONTENTS

TEE SHOTS	PAGE 3
HON. SECRETARY'S NOTES	4
PROFESSIONAL CERTIFICATION	6
A QUESTION OF FERTILISERS	8
NEW FLYMO MAN	10
REMINISCINGS 53 YEARS AGO	12
EDITORIAL INFORMATION	14
NEWS FROM THE SECTIONS	15
CLASSIFIEDS	18
COVER PICTURE	
The 12th at Royal Birkdale.	

Last month the cover picture was Folkestone Golf Club-house and not Felixstowe as printed.

EDITORIAL AND SUBSCRIPTION OFFICES: Addington Court Golf Club, Featherbed Lane, Addington, Croydon, Surrey. Telephone: 01-657 0281. SUBSCRIPTION RATE: £1.25 for 12 issues post paid. Published during the first week of each month. All rights reserved. Reproduction of original articles and photographs in whole or in part is prohibited. This Magazine shall not, without the written consent of the publishers first given, be re-sold, lent, hired out, or otherwise disposed of. Contributions and photographs of interest are invited.

ADVERTISEMENT OFFICE: Media Promotion Ltd, 1 Chester Close, Chester Street, London, S.W.1. Telephone: 01-235 1146. LATEST COPY DATE: 8th of month prior to insertion.

TO INSERT A CLASSIFIED ADVERTISEMENT, write to the Advertisement Manager at the above address. The rate is 5p per word (minimum 15 words). Remittance must be sent with order. Please state number of insertions required and write advertisement in block letters. Advertisements will be inserted in the first available issue.



# The new Atco Groundsman. A cut above other mowers.

Atco introduce two new models to their range of professional mowers. The 28" and 34" Groundsman.

Apart from the difference in their cutting widths, they share the same features.

To start with, they're both fitted with six heavy duty blades which give 81 cuts per yard—an unusually fine cut for their size.

Both have a 12 volt electric self-starter, battery and automatic charging system as a standard fitment. They can be power driven with the cutters stationary by operating a cutter release clutch.

What's more, either machine may be used with or without the optional standard Atco trailer seat.

Another feature is the continuous chrome tubular handle specially designed for added manoeuvrability when turning.

It can be adjusted quickly to suit individual operator heights by means of an instant clamping lever.

There's a new 'swing over' type glass fibre grass box. It is mounted on tubular steel support arms and its lower section is recessed so it can be used with swivel front rollers.

Then there's a large capacity fuel tank which holds one gallon of petrol.

It takes one professional to recognise another. Is it any wonder then that Atco mowers are used on some of the most famous stretches of turf in this country.

## **ATCO** As famous as the lawns we cut.

For full details of Atco mowers write to Charles H. Pugh Ltd., P.O. Box 256, ATCO Works, Birmingham, B9 4PR.



By Appointment to  
Her Majesty the Queen  
Manufacturers of  
Motor Mowers  
Charles H. Pugh  
Limited.

# Tee Shots

Particulars of the Ransomes-Hahn ride-on green mower are now appearing. With its alternative cylinders for fine cutting, tee or approach cutting, or verti-cutting, the tractor unit should seldom be idle. The machine will be on show at the Annual Tournament at St. Annes if you have not previously had a ride.

If your bunkers are big enough you are going to want a Toro Sandpro! Sounds like a blaster, but is a three-wheeled tractor with mounted hydraulic bunker scratchers and 68 inch rakers. The operator rides, of course, and the job is scheduled to take 4 minutes a bunker or 4 to 5 hours for the whole course.

If you are still interested in 1971 machines look through Billy Bartles section in the new STRI Journal:—

New Mowers: 3 Mayfield

5 Atco

3 Dennis

2 Hayter

2 Masport

1 Mountfield

1 Brott

2 Ransomes

1 Qualcast

1 Toro

1 Victa

1 Wolseley

A cheque for £5,500 will settle for the lot.

Chemagro, a division of USA's Baychem Corporation, have come up with a new idea for selling fungicides. The distributors issue certificates worth 200 points with Dyrene and Dexon and 400 points with a case of Baygon. Rewards vary from a cigarette lighter for 600 points to a typewriter for 5,000.

Quad Greenshield stamps with one of those Ransomes-Hahn green mowers should shift a lot of machines.

The Editor



**Grass Seeds**

**FOR HIGHEST PURITY  
AND GERMINATION**

CANNOCK FERTILISERS LIMITED, CANNOCK, STAFFS WS11 3LW

SEND  
NOW  
FOR OUR FREE  
'GREENKEEPING'  
CATALOGUE

# Hon. Secretary's Notes

**The Annual Tournament will be held at St. Annes Old Links, St. Annes on Sea, Lancs., on 14th, 15th and 16th August.**

## Annual Tournament Accommodation

Members are advised to write to the local Town Clerk for information regarding possible accommodation, but if any member is in difficulty, the following list has been supplied by the Secretary of the North West Section:—

**MORECAMBE.** To let, 1972 model 6-berth Caravan. Regent Caravan Park, Morecambe.—Inquiries to Mrs. J. E. Wray, 14 Garden Road, Kendal, Westmorland.

**BLACKPOOL.** Central. "Mayfair" Hol. Flatlets. Nr. Prom. Everything provided.—E. Phayre, 60 Adelaide Street. Tel. 22823. (Full July 15-29).

**BLACKPOOL.** First in Europe. "It's a Knock-out". Day and night delight plus new Zoo park for '72.—Free guide, from R. Battersby, Dept. 31, Town Hall.

**BLACKPOOL.** Central. 48 Palatine Road. F/Brd. from £1.35. OAPs £1.25. Car Park. Colour TV. Baby sitting.—Mrs. Gallagher. Tel. 21295.

**BLACKPOOL.** Cosy Holiday Flatlets. TV. Reduced terms early/late season. S.A.E. brochure.—Adelphi, 301 Promenade. Telephone 46679.

**BLACKPOOL.** Central. Sunlea, 1a Palatine Road. Mins. prom/tower. B/Bfast. Eve. Dinner from £1.50 daily. Reductions OAPs. Children welcome. Colour TV lounge.—Tel. 20414.

**BLACKPOOL SS.** 44 Shaw Road, adjoining prom. B/Bfast, Eve. Dinner from £1.50 daily. TV lounge, own keys.—Tel. 46848.

**COCKERHAM.** De Luxe Self-catering Holiday Chalets. Sea front position. Fully licensed club. Dancing, shops, flush toilets, showers, electricity. Chalets for four people from £8 to £24.—Brochure, Cockerham Sands Country Club and Caravan Park, Cockerham, near Lancaster. Tel. Galgate 387.

**BLACKPOOL.** Corner House. 218 Central Drive, minutes beach. Homely comfortable. Baby sitting. B/Breakfast, Evening Dinner. £1.50 daily. OAPs F/Board £1.30 daily to end of June.—Telephone 20342.

**FLEETWOOD,** Bourne Leisure Caravan Park. Four-berth Caravan to let. To couples only. All inquiries—Tel. Bolton 652492.

**MORECAMBE.** Join us at the Seashell Hotel (licensed), 85 Regent Road. Colour TV in bar, heaters all rooms. F/Brd £1.75 daily.—Tel. 265.

**MORECAMBE.** Glengarry Guest House, 3 Thornton Grove. F/Brd or B/Bfast. Lounge, colour TV, sep. tables. S.A.E.—J. and L. Grainger. Tel. 2865.

**BLACKPOOL.** Select Holiday Flatlets overlooking Gynn Gardens, sea.—S.A.E. Cartlidge, 42 Seafield Road, N.S.

**BLACKPOOL.** Adj. prom. Avalon Holiday Flatlets. 2-10 persons. Everything provided. TV. Children welcome.—S.A.E. 22 Hampton Road. Tel. 42390.

**ST. ANNE'S.** Holiday Flat. TV, fridges.—S.A.E. Brochure.—Holt, 9 St. Thomas Road. Tel. 21701.

**BLACKPOOL.** Board residence. Mins. sea. Lounge.—48 Egerton Road. Tel. 26812.

**BLACKPOOL.** St. Albans Hotel. Licensed. 355 South Promenade. Central heated, sun Lounge, overlooking sea. Easter to end June £1.90 day. OAPs Holidays June 3 to 17, £1.50 day. July onwards £2.10. Bed/Breakfast £1.75.—Mrs. Martin, Tel. 46671.

**BLACKPOOL S.** The Chimes, 34 Alexandra Road, adj. prom. F/Brd from £11 weekly. Reductions OAPs to end of June. Parking space.—Mrs. Van-Roten. Tel. 41620.

**BLACKPOOL.** Gladmor, 128 Reads Avenue, Central. B/Bfst, evening dinner from £1.40 daily. Children according to age. Sep. TV lounge. Comfort assured.—Hicks. Tel. 26805.

## Wages Scale Recommendation

In March 1972 the Executive Committee re-considered the figures, and now suggest the following:—

Head Greenkeeper	£30 to £34 per week (plus accommodation)
First Assistant	£23 to £26 per week
Assistant	£19 to £22

40 hour week. 3 weeks holiday after one year's service. Plus statutory holidays.



## **BIG PERFORMANCE...SMALL INVESTMENT.** **THE SUPER PRO:**

Built to give the cutting capacity of a 3-gang mower, but for a much smaller investment. The Super Pro cuts a wide 81" at a maximum speed of 5.4 mph.

And it's packed with features that make it easier to operate. A powerful 12-hp engine. Conveniently placed controls. And 7 cutting heights that can be adjusted quickly, without tools.

You'll also want the Super Pro with a 3-to-5 Conversion Kit, which extends the cutting width to 131". Then you'll have a "super" Super Pro... still at a small investment.

See the highly maneuverable Super Pro and the full line of Toro Professionals at your local Toro Distributor. Also available in a 76" width, 9.2-hp and 70" width, 6.25-hp.

Toro has servicing dealers and distributors worldwide. TORO... for 57 years, makers of quality lawn and garden care products, automatic underground sprinkler systems, snowthrower equipment.

(\*) Exclusive mark of the Toro Company



**TORO**

For further information, please contact FLYMO Ltd. (distributors), Greycaine Road, Watford, Herts., England.

# Professional Certification

For Golf Course Superintendents—Professional Certification by Palmer Maples, JR. Many Professions have a certification programme to measure the performance of their “practitioners” and the general success of their activities.

Whether it is a certification programme for physicians and lawyers or for other professions and service groups, the person being awarded this “seal of approval” received it from his peers—those who are in the same field and who, from their own experiences know the problems and standards of performance associated with that particular profession.

And so it is with the newly-announced certification programme of the Golf Course Superintendents Association of America which was introduced in June.

A “blue-ribbon” nine-man committee, made up of golf course superintendents, has formulated the programme, in which those superintendents vying for the title of “Certified Golf Course Superintendent” will be judged by their colleagues. The committee has worked with Dr. Paul M. Alexander, Director of Education of GCSAA, in planning and implementing this programme.

What does the GCSAA certification programme entail?

The focus of the programme is a written examination, divided into six parts, with each part dealing with the major areas of the experienced superintendent’s job.

The six areas are:

1. Knowledge of the Golf Course Superintendent’s Association of America, including the history, purpose and ethics of the Association, and the profession of golf course superintendency;
2. Knowledge of the game of golf, including the official rules of the game;
3. Turf-management procedures (consideration of practical problems in the major areas of irrigation, fertilisation, equipment calibration, soil facts, cost analysis, drainage systems, etc.);
4. Pesticides—comprehensive questions on the selection, usage, safety precautions, and limitations of contemporary plant protectant chemicals are included. This will indicate to local, state or federal pest control licensing agencies that the superintendent who passes this examination is fully proficient and capable of handling and supervising the use of such materials;
5. Business Administration—techniques of record-keeping and application of such information, budget preparation and presentation, etc.;
6. Management: people relationships, recruiting, training, and supervising crews; public relations (officials, members, club department heads, community, etc.).

Members of the GCSAA who have held the Class A classification for three years, and who have been employed as golf course superintendents for that period of time, are eligible to take this examination. In addition, those members who have been employed as golf course superintendents for 20 years or more while enjoying Class A status will be certified without examination if they apply before September 1, 1973.

Applications and examination papers are coded to maintain confidentiality, and these are obtained through the GCSAA headquarters (in the first month following announcement of the Certification Programme, GCSAA received more than 450 requests for applications!). The superintendent may take as much time as he desires to prepare for the examination. When he is ready, a date mutually agreeable to him and to an official monitor in his area is arranged. The examination material, identified only with the code number, is then sent to the monitor in a sealed packet and opened only in the presence of the applicant. When the examination is completed, the material is resealed in the presence of the applicant and mailed back to GCSAA headquarters.

A maximum of six hours, all in the same day, is allowed for the superintendent to complete all parts of the examination. Each of the six parts is graded separately, and a passing grade in every part is required for certification. If the superintendent fails any one or more parts of the examination, he will need to be re-examined only in those parts which were failed. The applicant can repeat the failed portions as many times as he desires, but if the failed parts are not successfully completed within one year of the original examination date, he must repeat the entire examination.



One time is not enough for certification.

The certification programme must keep pace with progress in agronomy, equipment and technology—and so must the golf course superintendent. Therefore, the certified golf course superintendent will be required to take another examination within five years of being certified. He must also maintain his membership in GCSAA and remain actively employed as a golf course superintendent. Other requirements for re-examination are completion of one regional GCSAA workshop or successful completion of a GCSAA-approved correspondence course of study.

Other aspects of the certification programme deal with those superintendents who leave the profession for several years and their mandatory re-examination if they return to golf course superintendency.

The GCSAA certification programme climaxes 30 years of discussion and planning, and the benefits of certification will undoubtedly show that this careful planning has been well worth the time and effort involved.

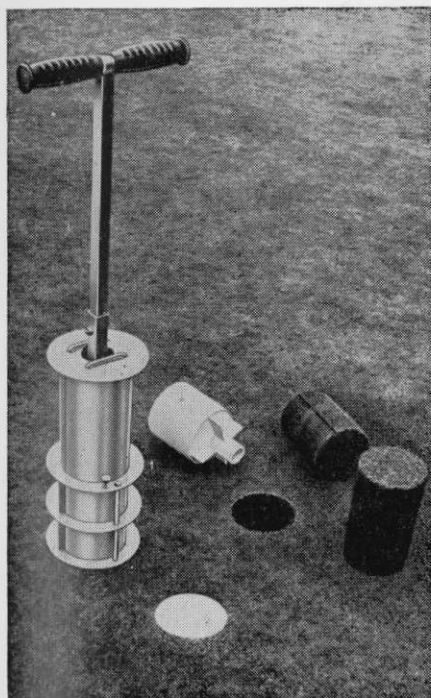
Certification should also attract many young people into the profession of golf course superintendency, now that they know that there is some way of measuring their achievements in the profession.

Hopefully, certification will also lead to standardisation of curricula in the schools offering turf management programmes.

With certification, the role of the superintendent will not only receive greater emphasis through all who are associated with him on the golf course, but it will enhance his stature in the community as well. Because of today's great stress on ecology, the expertise that the golf course superintendent has attained in turf management and plant protectant chemicals should make him a recognised authority on these environmental factors within the community.

To summarise then, the GCSAA Certification programme is not only beneficial to the superintendent. This programme has inherent and potential benefits to club owners, club officials and members, golfers, other agencies concerned with golfing, and the public at large through the certified superintendent's involvement with the community.

With acknowledgements to Golf Superintendent.



## **FAST ACCURATE HOLE CUTTING with the new SUPER CUT HOLE CUTTER**

Perfect cuts, perfect plugs. This hole cutter of a completely new design cuts vertically, thus eliminating wobble and making a clean cut so simply and quickly.

*Details from:*  
**H. PATTISSON LTD. 01-954 4171.  
STANMORE,  
MIDDX.**

**Pattisson**

# A Question of Fertilisers

By W. N. S. Bissett

The season will soon arrive when most outdoor maintenance activities on the golf course will be in full swing. The bills for fertiliser will be coming in and almost invariably will show some increase on the previous year. This usually gives rise to queries by Committee men on the necessity for the various materials, and ways to keep expenditure to a minimum are examined.

## Why Fertiliser?

Of all the factors influencing growth, the nutrient status of the soil is one which can be partially affected by the greenkeeper. However, the extent to which fertilisers improve grass growth is not only dependent on the quantity and quality applied but also on the effects of the other inter-related factors, e.g. light, temperature, moisture and air. Lime is not a fertiliser but is sometimes required to correct over-acidity which restricts growth and fertiliser availability.

To obtain the optimum grass growth, providing that all other factors are favourable, a wide range of mineral elements are required. Most soils, however, naturally contain sufficient minor elements to grow satisfactorily and in general only the major nutrients require replacing, i.e. Nitrogen (N), Phosphate (P) and Potash (K).

Different soils have different levels of natural resources which the bacteria, etc. convert to available plant foods.

For plants to take up the N, P and K, these nutrients have to be in a soluble state and, therefore, are liable to leaching by rainwater and loss into the drains. This point is illustrated by a number of reports of stimulated weed growth blocking rivers as a result of leached fertilisers from agricultural land. The naturally produced elements are, of course, subject to the same losses as applied fertilisers. Artificial watering can also increase the losses by this method.

Once the plants absorb the nutrients they are used to build up plant tissue and it can be seen from this that on golf greens and tees where the grass clippings are removed the nutrients are also removed. A further loss is now created.

Fertilisers are, therefore, required to maintain the balance of nutrient levels so that optimum grass growth is obtained. On a golf green higher levels of fertiliser treatment are required because (a) wear is more intensive and quicker recovery is necessary, (b) clippings are usually removed and (c) artificial watering increases leaching.

On a golf tee, fertiliser treatment should only be slightly less intensive than on a green as quick recovery from wear damage is necessary to maintain satisfactory playing conditions. Circumstances on a fairway are different as clippings are invariably returned, thus creating a cycle of nutrients. However, occasional fertilising may be necessary to make up losses due to other causes.

## What Fertiliser?

Once it has been decided that fertiliser is necessary the type of fertiliser to use is the next consideration. Different materials have been shown in experiments to have different effects on turf. The three major nutrient N, P and K, are required annually by the grass plant. The form in which these elements are applied is important. Experiments have shown that alkaline N fertilisers such as nitrate of soda should be avoided as they lead to a turf which is wormy and weedy. Organic N fertilisers have a similar effect if used alone but have advantages which merit their inclusion in mixtures—they are slower acting and assist drought resistance.

The acidic N fertilisers should, therefore, be used and the most convenient is sulphate of ammonia with dried blood or hoof and horn forming the organic content.

To apply P, superphosphate is prominent as the most suitable, with bone meal providing the organic content. Basic slag provides phosphate but also contains lime and will lead to weed and worm invasion if used regularly.

To apply potash, sulphate of potash is the most suitable material.

## What Form of Fertiliser?

To apply fertiliser to the fine turf on greens a powdered formulation is to be preferred as there is no risk of the localised scorch which is often obtained with granular materials. On tees either a powder or granular may be used according to preference. The ease with which granular fertilisers are handled makes these materials most suitable for application to the much larger fairway areas.

Liquid fertilisers are often suggested but they have decided limitations. The kind of fertiliser which can be used is restricted by solubility difficulties and there are problems in application. Because of the quantity of liquid involved there is a risk of scorch when applied by a sprayer and because even distribution is required, application by a sprinkler is not recommended.

#### How is Fertiliser Applied?

The methods which are used to apply fertilisers are varied involving hand or machine application. The person or persons whose job it is to apply the material should obviously be competent. Damage by uneven fertiliser distribution is not only harmful to the sward itself where excess can cause scorching but also to the general appearance where areas may be missed. When dealing with powdered materials it is, of course, essential to bulk the actual fertiliser with a suitable dry carrier, e.g. screened sandy compost to obtain an even spread. This applied whether the fertilisers are applied by hand or machine.

If a machine is employed it is important to ensure that calibration is carried out prior to each treatment so that no more (or less) than the required amount of fertiliser is applied. It is argued, and justifiably so, that a skilled man spreading fertiliser by hand is still one of the best methods of applying fertiliser.

#### When Fertiliser?

In the spring it is important to select the correct time of application and this can be done accurately using local knowledge of weather, etc. Often a "false spring" occurs early in the year only to be followed by a sudden cold spell. To obtain full benefit from fertilisers in the spring the grass should be starting to grow (seen as greening up of rough or hedgerows, etc.) and the fertilisers will then boost the natural growth.

Further fertilisers are generally required during the season and should be applied when growth from the previous dressings is beginning to die down, the object being to maintain even growth throughout the season. The fixture card should be borne in mind so disturbance of play is minimised.

Still and showery weather is best suited to the application of either powder or granular fertilisers but the lack of wind is not so critical with the granular types. Artificial watering removes some of the doubts regarding when to fertilise but excess water can lead to uneven distribution.

#### Where Fertiliser?

As stated previously fertilisers are required regularly on greens, surrounds and approaches, tees and, as often as necessary, on fairways. Selective fertilising of weaker areas of finer turf is not generally recommended but on fairways more frequent treatment can be carried out on weaker parts.

In organising the fertiliser treatment on one's particular course, a soil analysis should occasionally be carried out as a check; one of the services provided to member clubs by the Research Station. Poor results can be obtained by using too little fertiliser or the wrong material, just as too much fertiliser can create an amount of top growth far in excess of requirements and in the latter case there is obviously room to prune the budget.

*Note:* This article first appeared April/May, 1971.

**LAWN  
MOWER  
GRINDERS**



A comprehensive range of superior machines designed and built to suit operators' requirements. For brochure and full details contact us now.

**ATTERTON & ELLIS LTD**  
Dept. B.G.G. Iron Works, Haverhill,  
Suffolk. Tel: Haverhill2312/3.

**HUXLEYS** FOR THE  
**HIRE** PROFESSIONAL  
USER  
sometimes the  
purchase of  
equipment is not  
economic. We  
offer for hire  
specialised  
machinery for  
that seasonal job.

**WITHOUT OPERATOR**

Send for brochure and price list.

**Huxleys**  
GARDEN MACHINERY

22/26 Church Street, Staines, Middx.  
Tel: Staines 51123 (3 lines). Also The  
Dean, New Alresford, Hants. Tel:  
Alresford 3222.

# New Flymo Man Has Wide Experience

The latest salesman appointed to the Institutional Division of Flymo Limited of Watford is 31-year-old Mr. Ivan Brown, of Mytchett, Surrey, who has had extensive experience of grass-cutting problems in the United Kingdom, Bermuda, United States and Canada.

He will undertake sales in the Greater London Area.

Ivan Brown was formerly head greenkeeper at the Guildford Golf Club and previously spent three years as a grounds superintendent in Bermuda for the Horizon Hotel Group. In Bermuda he was responsible for four hotels and maintenance of a golf course as well as supervision of trees, shrubs and citrus and vegetable plantations. Sponsored by the Government of Bermuda, he attended courses for horticulture and a special agronomy course for golf course Superintendents at the University of Florida.

He is a member of the Institute of Groundsmanship and the Canadian and Ontario Golf Course Superintendents' Association.

Before leaving for Bermuda, Mr. Brown received extensive training in the United Kingdom. After four years as an horticultural apprentice in the Parks Department at Surbiton, he studied horticulture at the Surrey Agricultural College and was employed with nurseries, private estates and the National Coal Board.

At Guildford he was given responsibility to recommend a three-year plan to improve the course. A number of Toro machines to increase mowing efficiency to allow fuller course maintenance to be undertaken with the limited available staff were purchased for the project.



## **RELF & KENDALL** **OF CROYDON AND BARNET**

*With pleasure announce that they hold the greatest concentration of lawn mower spares and lawn mower engine spares in the country*

**ENORMOUS STOCKS OF RANSOMES SPARE PARTS**

**RANSOMES**

**Also BRIGGS & STRATTON  
VILLIERS, VICTA, J.A.P.  
B.S.A., DENNIS**

Service Exchange items such as CUTTING CYLINDERS—MAGNETOS  
**OUR FLEET OF VANS IS OCCUPIED DAILY IN MAINTAINING  
OUR EXPRESS SPARES DELIVERY SERVICE**

*Telephone your  
immediate requirements to*



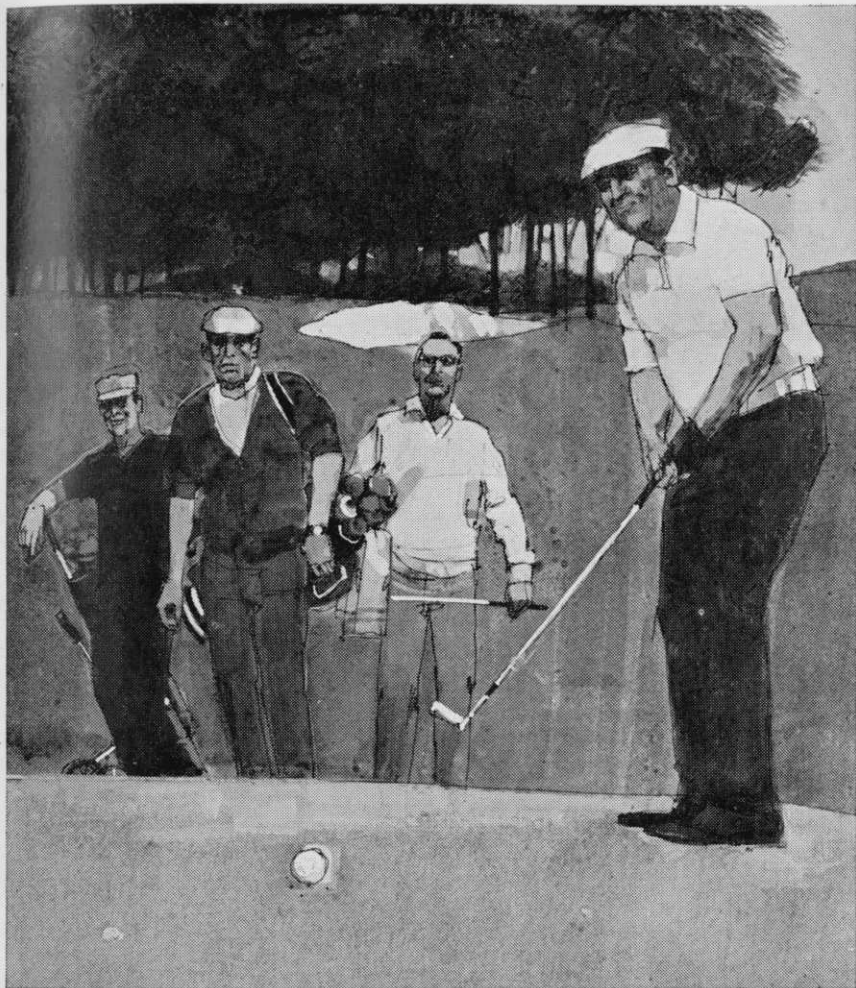
**RELF & KENDALL**

406 BRIGHTON ROAD, SOUTH CROYDON,  
SURREY, CR2 6XX. Tel (01) 688 0578

11 STATION ROAD, NEW BARNET, HERTS.  
Tel (01) 449 8228

**We stock a comprehensive range of domestic and professional  
machinery. Ask for a demonstration on YOUR ground**





## Their game could depend on yours.

Your game is choosing the right fertilizer.

We'd like to think Greenkeeper 2 is the right fertilizer, no matter what type of green you keep.

It's made up of peat-impregnated granules and is a fast-acting fertilizer for fine turf.

It's made by the unique Hi-Lite process and is easy to handle, with no dust problem.

Greenkeeper 2 acts faster and lasts longer than any ordinary fertilizer giving consistently good results, with no scorching.

That's the benefit.

Greenkeeper 2, the reliable one. You can depend on it.



**FISONS**  
Fisons Agrochemical Division

Recreational & Industrial Dept. Harston Cambridge CB2 5HU  
Tel: Cambridge (0223) 870312

## Greenkeeper 2

# Reminiscings 53 Years Ago

Looking back to those years one wonders if things could really have been like that. Take the machinery of those days, a chain driven mower that had to be pushed and pulled over the greens by two men, no ball bearings, just brass bushes for the cylinder to run in. Hard going! You couldn't hope to mow eighteen greens a day. Fairways were mown with larger but similar machines, drawn by a horse.

The course was lucky to be mown full over in one week and grass grew up to one's ears. Greens were full of weeds of every description, weeding was a hands and knees job with daisy diggers when we had the time. A good job players didn't grumble so much. No water for the greens. A gloriously easy time for the staff in hot weather. Greens turned brown and mowing stopped.

We wormed the greens twice a year in February and November, a dirty job having to cart water from the nearest ditch, stream or stand pipe, mixing up various potent liquids, applying with watering can and sweeping up worms of all colours. The situation became as bad again the following year or even within a few weeks if the weather suited them as far as breeding was concerned.

Every greenkeeper was supposed to have his own wonderful fertiliser mixture. There was no one to guide him but if he grew grass he was a wonder. Then if he had time, out on the course with a scythe, trying to cope with the rough and making a few perks from lost golf balls.

Sometimes there were sheep on the course fouling the greens, perhaps up to 200 sleeping at night on one green leaving it covered with droppings which all had to be cleaned off. We accepted this as part of our job (wages thirty bob or less for Head Greenkeeper) and we were moderately happy.

We had our own little golf on Sundays, with our little old bag with Brassy or Baffy, Mid Iron, Mashie, Nibblich and putter and what wonders we did with them, more than we can do with clubs today. The guttie ball was just passing on and "Challengers", "Whynots", etc. were just coming in. What a difference they made!!

I could go on reminiscing but I'm afraid the young Head Greenkeepers of today would get weary if I said any more to prove how fortunate they are to be doing their apprenticeship or being in charge today with the modern machinery, artificial watering, selective weed killing, advice on diseases, the best chemical manures and removal of worms. So I had better stop. But think about it lads.

C.R.C.

Nice to hear from Clarie Cooke again.—Editor.

## well-seasoned.

We may be a new name to you, but we have been in the business of supplying and servicing professional machinery for nearly 70 years. When you next need new equipment, spares or servicing why not get in touch with us and get the benefit of our expert knowledge.



We are distributors of:

LEYLAND 154 TRACTORS · RANSOMES  
SISIS · HAYTER · ALLEN · DENNIS · FLYMO  
MAY & BAKER PRODUCTS · FERTILIZERS ETC.

**THE K-H GROUP AT:**

**HARPENDEN** KINGSTON HOUSE MOWERS LIMITED  
VAUGHAN ROAD · HARPENDEN · HERTS/Telephone: 4641

**CAMBRIDGE** C. TOLLIDAY & SON LIMITED  
KINGS ROAD · CAMBRIDGE/Telephone: 64642

Sports turf takes a lot of looking after. Up until now you could have chosen a wide range of different weedkillers to keep your turf clean.

Fisons, Britain's leading producers of weedkillers, offer you the easy way of winning the weed game. With just two products, Mecodex and Cambadex.

Highly-active, broad-spectrum weedkillers. Together they can solve all your major weed problems, at just one simple dose rate.

For free advice and information ring the Fisons Sales Office at Cambridge 870312.

You've got nothing to lose.

## **Mecodex and Cambadex.** **With these two on your side you always win.**



**FISONS**  
Fisons Cambridge Division  
Harston, Cambridge

Recreational & Industrial Dept. Harston Cambridge CB2 5HU Tel: Cambridge (0223) 870312

# Editorial Information

**The Construction and Maintenance of Ornamental and Sports Turf 3-day Conference/Course at Cornwall Technical College, Poole, Redruth**

The first day of this 3-day course was January 27th.

The first lecture was given by Mr. J. R. Escritt, of the Sports Turf Research Institute and was entitled "The Construction/Renovation of Ornamental and Sports Turf Areas". The second lecture of the day on "Aeration" was by Mr. D. A. Tait of SISIS Equipment (Macclesfield) Limited and was illustrated with colour slides.

After lunch Mr. Tait presented a demonstration of variety of SISIS equipment including the Duo-Rotorake, Auto-Turfman, Auto-Outfield Spiker and many hand operated implements.

Finally, Mr. Escritt spoke on "Up-to-date approaches to Turf Maintenance and Improvements".

## **World Leaders in Grass Machinery Make Reciprocal Marketing Arrangement**

A marketing agreement has been reached between Ransomes, Europe's largest manufacturer of professional grass cutting machinery and Hahn Inc. of U.S.A., specialists in turf and lawn equipment.

Under the agreement, Ransomes will have exclusive world-wide marketing rights outside North America and Japan for the complete range of Hahn's turf products, and Hahn will have exclusive marketing rights for Ransomes grass machinery products in U.S.A.

To complement the arrangement a convertible loan of  $\frac{1}{2}$  million dollars has been made by Ransomes Sims & Jefferies Ltd., to Hahn, thus ensuring a financial link between the two companies.

Managing Director of Ransomes, Mr. Geoffrey Bone, explained that this agreement marked an important development in the marketing strength of both companies. The wide range of specialised grass cutting and turf maintenance machinery now available will considerably strengthen the position of distributors throughout the world.

## **Editor's Note**

Hahn of Evansville, Indiana, U.S.A. manufacture lawn and turf equipment for the professional and domestic user and agricultural machinery. Their annual turnover is approximately \$4,000,000.

# Pennfine News Release

Once again a major turfgrass introduction has been announced by the Penn State University team led by Dr. Joseph Duich, professor of turfgrass science. Only two years after the blockbuster introduction of Pennstar Kentucky Bluegrass, Dr. Duich has announced the release of a new fine-leaved ryegrass that promises great things. Called Pennfine Perennial Ryegrass (*Lolium perenne*), its field tests reveal a number of qualities that ryegrasses have never before exhibited, among them:

It cuts more cleanly than any other fine-leaved perennial ryegrass on the market. Cutting doesn't produce the fibrous "paintbrush" top that quickly turns brown. Instead, Pennfine takes a smooth, attractive cut.

Its leaves are finer than other varieties tested, averaging 2.5 mm for the first mature leaf while others ranged from 2.7 to 5.6 mm.

It has better heat tolerance, density and overall disease resistance. In fact, it ranks first in tolerance to snowmold and leaf spot (*Helminthosporium*).

Turf superintendents are closely following reports of this new variety's performance, since it seems to offer a means of adding new early-season and late-season beauty to turfgrass stands. As it comes up earlier and persists later than the bluegrasses and fine fescues, Pennfine can lengthen the "good looks" season of any turf.



# News



## from the Sections

### Special Occasions

- APRIL 20th North East Section Spring Tournament
- MAY 2nd Sheffield Section President's Trophy & AGM
- 3rd Southern Section Spring Tournament
- 18th North West Section Spring Tournament
- 24th Midland Section Spring Tournament
- JUNE 7th East Midland Spring Tournament
- 12th Northern Section President's Prize
- 21st Southern Section President's Cup and AGM
- AUG. 14th } ANNUAL TOURNAMENT
- 15th } ANNUAL TOURNAMENT
- 16th } ANNUAL TOURNAMENT
- SEPT. 19th Midland Section Autumn Tournament

## NORTH-WEST

*Chairman:*  
J. GILLET,  
(St Anne's  
Old Links)

*By H. M. Walsh*  
*Hon. Secretary:*  
Horrobin Cottage,  
Old Links Golf Club,  
Montserrat, Bolton,  
Lancs.

### Spring Tournament

As stated in previous issues of the journal, our Spring Tournament will be played over the Hillside Golf Club course at Hastings

May 1972

Road, Southport, on Thursday, 18th May. This year, due to a local rule of the club, the competition will be over 27 holes, but 18 will be played in the morning and 9 in the afternoon. The A.G.M. will take place in the evening, after the prize presentation so, gentlemen, please let us have an early start—9 a.m.—and we all will have a comfortable round before lunch.

### Lectures

Our thanks to Mr. Wyatt of H. Pattison Ltd., for the wide range of equipment he showed to us and the discussion that followed, also for the excellent refreshments provided. This brought to an end the lectures for this winter. Thank you for your support, gentlemen.

## MIDLAND

**By R. Goodwin**

*Chairman:*  
G. HART  
(Gay Hill)

*Hon. Secretary:*  
4 Burton Old Road,  
Streethay, Lichfield,  
Staffs.

### Winter Lecture

A very interesting talk was given by Mr. John Hartstone of E. A. Yates & Sons (SAND-BACH) Limited, Cheshire, on Tuesday, 22nd February, at the Kidderminster Golf Club. Thirty greenkeepers attended the meeting, and Mr. Hartstone gave a detailed account of the most up to date methods of irrigation on the golf course, with the full range of the latest Pop-ups on display.

Greenkeepers were also interested in the method of liquid fertiliser distribution which was now possible with the introduction of a new adapter which could be connected to the Pop-up system.

A most interesting afternoon, thanks to Mr. Hartstone, and the Captain and Committee of the Kidderminster Golf Club for allowing greenkeepers the courtesy of the clubhouse. Further lectures are being planned for next winter and it is hoped that more greenkeepers will take advantage of these future meetings.

### Autumn Tournament

The Autumn Tournament will take place over 27 holes at the Stratford on Avon Golf Club, on Tuesday, 19th September, by kind permission of the Captain and Committee.

### Subscriptions

I am surprised to hear from Mr. Cashmore, the Treasurer, that there are still a few subscriptions for 1971 that have not been paid. Please send direct to Mr. Cashmore, 76 Four Oaks Common Road, Sutton Coldfield.

## EAST MIDLAND

*Chairman:*  
J. CARRICK

**By S. Fretter**  
*Hon. Secretary:*  
4 Queens Drive,  
Leicester Forest East,  
Leicester.

### Annual Spring Golf Tournament

The annual Spring Golf Tournament will be held at Charnwood Forest Golf Club on Wednesday, 7th June, 1972. The first tee is reserved from 11.0 a.m., as this is a 9 hole course, we shall have to alternate as the early starters reach the 9th green. Would you please let me know by the 1st June, 1972, who will be playing, and also require a meal.

It was agreed at our committee meeting that as each player arrives he will be paired off, this will be done by members of our committee.

### Charnwood Forest Golf Club, Woodhouse Eaves, Loughborough

Charnwood Forest Golf Club is situated in one of the highest and most picturesque parts of Leicestershire. It is the oldest Club in the County and the course is unique in the fact that all the hazards are natural and that there are no bunkers.

This letter was sent to us by the Head Greenkeeper of Charnwood, Mr. J. L. Tuckwood.

### Fisons Lecture

I would like to thank Mr. Lord and Mr. Bowen from Fisons Ltd., for giving us a most interesting lecture and film show, this was held at the Cricket Ground Hotel, Leicester. Also I would like to thank all the greenkeepers and groundsmen that attended that night, as it was about the worst we have had this winter.

### Congratulations

I would like to congratulate our Chairman, Mr. J. Carrick, on the presentation he received from the Northampton County Golf Club, for recognition of being Chairman of this Association and also for 17 years' service to the club as Head Greenkeeper. He was presented with a silver salver and a cheque.

### Announcement

The President's versus Captain's match will be held at Rothley Park Golf Club on the 6th July, 1972. Further details to follow.

### Congratulations

I would like to wish on behalf of this section, our Secretary Mr. S. Fretter, the best of luck in his new job as Head Greenkeeper of Kibworth Golf Club.

R. Bailey, President.

## SOUTHERN

**By F. W. Ford**  
*Hon. Secretary:*  
68 Salcombe Gardens,  
Mill Hill, N.W.7.  
Tel: 01-959 2847.

*Chairman:*  
C. A. MOORE  
(Stanmore)

### March Quiz

The Quiz got off to a good start with Jack Rennie asking yours truly his stock annual question "how many outstanding subs?". There being only nine I would like to take this opportunity to thank members for their splendid co-operation during 1971-72.

Owing to larger attendance (45 at this meeting) it has been deemed necessary by your Committee to search for larger premises once again. It is hoped that we shall be successful in time for the first meeting in October. I shall be reporting more definitely on this subject in a later journal.

An *Evening News* article referring to the appointment of an Advisor to Golf Clubs during championship tournaments was read by Jock Glass. Jock said this would give Head Greenkeepers the title of "Agronomists". After the meeting had simmered down again it was agreed that the matter should be investigated, the Chairman promising to look into it.

Frank Brittain said a few words on a new aerating-cum-mole draining machine for use on golf greens, etc., SUB-AIR, made by Jacobs. Penetration 7 in. and to be hired only at present, £3.50 per hour—£120.00 per 18 greens.

Ransomes answer to the Toro 70, which the lucky 40 on the coach trip to Ipswich will have viewed for themselves by this time, was also talked about by Stewart Blake of Gibbs. A discussion on modern machinery followed. Re employing the fair sex on golf courses, nobody seemed interested!!

R. Tempest wanted to know how many Head Greenkeepers kept a record of their drainage systems—a small percentage said they did.

The meeting closed with a vote of thanks to our President and to our Quizmaster, Mr. C. A. Moore.

### Mid-Summer's Day Medal and AGM

On Wednesday, 21st June, the Annual General Meeting will take place at the Hendon Golf Club, Devonshire Road, Mill Hill, N.W.7.

As a trial to make the event more interesting, arrangements have been made by kind permission of the Committee of the Hendon Golf Club, to stage an 18 holes Medal Competition there in the afternoon. The

The British Golf Greenkeeper

President's Cup and prizes will be played for, followed by high tea, A.G.M. and prize presentation.

To enable me to make the necessary catering arrangements etc. members are invited to write in to me stating NAME, Club, LOWEST HANDICAP and if requiring lunch. Closing date, WEDNESDAY, 7th JUNE. Approximate programme—12 to 2 p.m. Tee Off, 4.30-6 p.m. High tea, 6.15 p.m. A.G.M. 7 p.m. Prize Presentation. Nearest station Mill Hill East, with short bus ride on No. 125. The Draw will be made on Thursday, 8th June, and will be seeded. Competitors will play in threes.

#### **New Members**

A warm welcome to the new members whose names are listed below: B. K. Turner (Wentworth), D. R. Sargent (Thames Ditton & Esher Golf Club), G. G. West (Ifield), S. F. Kemp (West Kent), J. O. Lemon (E.P.), G. K. McKee (Fisons), G. Urquhart (Flymo) and S. Blake (Gibbs).

#### **Retirement**

"Yours Aye" and all the best to Jimmy Johnston who has retired from Leeds Castle and has gone back to live in Bonny Scotland. Keep in touch, Jimmy.

#### **Bereavement**

Our sincere sympathy to Jim Rosin who lost his wife last November.

---

## **SHEFFIELD**

---

*Chairman:*  
MR. G. HERRINGTON  
Greenkeeper Cottage  
Lindrick Golf Club  
Lindrick Common  
near Worksop

*by* **H. Gillespie**

*Hon. Secretary:*  
63 Langsett Avenue,  
Sheffield 6.

#### **Lectures**

The change to afternoon meetings has been quite popular with attendances above normal. The March lecture by Mr. S. Goodsall, of

Plantagenet Seeds, Ltd., on the new "Tana Grass" was attended by 38 members. The next meeting on 6th April at 3.00 p.m. is by Flymo Limited with a demonstration of Toro equipment at the Abbeydale Golf Club.

#### **Best Wishes**

I am pleased to report that our chairman  
May 1972

George Herrington is well on the way to recovery following his recent operation. We send him our best wishes.

#### **President's Trophy**

The President's Trophy will be played for at the Abbeydale Golf Club on Tuesday, 2nd May, teeing off from 1.30 p.m. over 18 holes. Entry forms will be distributed and must be returned to enable meals to be booked.

#### **A.G.M.**

The Annual General Meeting will be held in the evening following the President's Trophy on 2nd May at the Abbeydale Golf Club, commencing at approx. 7.30 p.m.

#### **New Member**

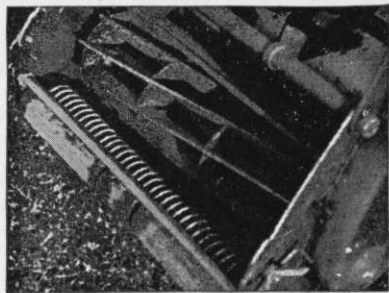
We welcome to the section Michael Lunn of Silkstone Golf Club, and hope he has a long and happy association with us.

## **FOR HIRE**

**For Hire.** Sisis Autoturfman Aerator, £25 per week—do it yourself. For contract prices telephone Burnell, Eaglescliff 3647.

---

## **FOR FAST GREENS**



**FIT A GRASS COMB  
TO YOUR MOWER**

**STEWART & CO.,**  
FINE TURF SPECIALISTS  
EDINBURGH. EH2 2AY

# HUXLEY'S HIRE

(WITHOUT OPERATOR)

## FOR THE PROFESSIONAL USER

For more than 25 years we have specialised in the sale, repair, and maintenance of machinery for sports clubs.

**NOW WE OFFER A UNIQUE HIRE SERVICE**

### SOME OF THE MACHINERY AVAILABLE FOR HIRE:

- TURF CUTTERS ● SPIKERS ● POST HOLE BORERS ● SPRAYERS ● CHAIN SAWS ● SOIL SHREDDERS AND SIFTERS ● ROUGH GRASS CUTTERS ● TREE WINCHES ● ROLLERS ● CULTIVATORS ● HEDGE TRIMMERS ● FERTILISER DISTRIBUTORS ● TRENCHERS ● PUMPS

Officially appointed distributors of the Tournament Triplex Greensmower, the world's first greens management system.

Send for brochure and price list to:—



22-26 CHURCH STREET - STAINES - MIDDLESEX

Tel: Staines 51123 (3 lines)

ALSO AT

THE DEAN - NEW ALRESFORD - HAMPSHIRE

Tel: Alresford 3222

**Used Golf Balls Bought.** Any quantity. Price 20p per dozen. Solid and perished balls no value. **Sparkbrook Golf Ball Co. Ltd.**, 29 Highgate Road, Birmingham 12.

**Large quantity of Maiden topsoil black or brown.** Also horse and farmyard manure. **Leonard W. Power Limited**, Telephone Waltham Cross 22519/23548.

## HEAD GREENKEEPER

required by

### **SURBITON GOLF CLUB**

Accommodation available.

Full details to the Secretary

**SURBITON GOLF CLUB**

Woodstock Lane

Chessington

## **BOROUGH OF EASTLEIGH GREENKEEPER**

required for new nine-hole golf course. The person appointed will be responsible to the Parks Superintendent for the day-to-day management of the course. Wages and bonus approximately £25 per 40-hour week. Previous experience of a similar nature essential. Rented housing accommodation available. Applications, giving details of age and experience together with names and addresses of referees, to reach the

**Borough Engineer,  
Surveyor and Town Planning  
Officer,  
Town Hall,  
Eastleigh,  
Hants,  
by 20th May, 1972.**



## SITUATIONS VACANT

### ASSISTANT HEAD GREENKEEPER

required for parkland course. Automatic watering and other modern mechanical aids. Excellent career opportunity for right applicant.

Apply in writing stating age, past experience and present employment to:

The Secretary,  
BRANCEPETH CASTLE  
GOLF CLUB,  
The Club House,  
Brancepeth,  
Co. Durham.

### HEAD GREENKEEPER

required for parkland course with automatic watering. Modern house available near shops and schools. Apply in writing stating age, previous experience and present position to:

The Secretary,  
LETCWORTH GOLF CLUB,  
Letchworth, Herts.

### NEW FOREST RURAL DISTRICT COUNCIL

#### Bramshott Hill Golf Course

#### Appointment of Head Greenkeeper

Applications are invited for the post of head greenkeeper at the above 18-hole course situated on the edge of the New Forest and overlooking Southampton Water.

The course, designed by J. Hamilton Stuts and Company, Golf Course Architects, is under construction and is due to open in March 1974.

Salary within £1,419.00 to £1,533.00 per annum. Pensionable post. Free housing accommodation provided adjoining the course.

Applications giving full details of experience and the names of two referees to be sent to the Engineer and Surveyor, Council Offices, Lyndhurst, Hampshire, SO4 7PA, by not later than Friday, 22nd May, 1972.

F. R. Appleby,  
Clerk of the Council,  
Council Offices,  
Appletree Court,  
Lyndhurst,  
Hampshire,  
SO4 7PA  
10th April, 1972.

### HEAD GREENKEEPER CIRENCESTER GOLF CLUB

wish to engage an experienced Head Greenkeeper.

Apply in writing to:

The Secretary,  
CIRENCESTER GOLF CLUB,  
Baunton, Cirencester,  
Gloucestershire GL7 7BH.

## GREENKEEPER

required for 18-hole golf course in Bermuda. The successful applicant must be experienced in the maintenance of a golf course and in the use of a wide range of golf course machinery. A young, single man is preferred to share accommodation with two other British greenkeepers.

Replies should be forwarded by airmail to:

Box No. 572,  
ADDINGTON COURT GOLF CLUB,  
Featherbed Lane,  
Addington,  
Croydon,  
Surrey L9

to arrive not later than 22nd May, 1972.

# BUYERS' GUIDE

## FERTILISERS/TURF DRESSINGS

### SUPATURF PRODUCTS LIMITED

Werrington  
Peterborough  
Tel: 72470

## FLAGS, SIGNS, NETS, SCORE CARDS & EQUIPMENT

### ELVIN PENNANTS,

34 D'Arcy Way,  
Tolleshunt D'Arcy, Essex.  
Brochure on Request.

## GOLF COURSE CONSTRUCTION

### VEB Limited

Golf Course Construction Division  
230 Tottenham Court Road  
London W1P 0BR  
Tel: 01-580 7833

## GOLF COURSE CONTRACTOR

### SURREY LANDSCAPES (1967) LTD

Oakridge Nursery, Peaslake, Surrey  
Dorking 730606  
Also at Webb's Nursery,  
Hanger Lane, Ealing, W.5.  
Tel: 01-988 2232

## GROUND LEVEL ON/OFF LOADING TRANSPORTERS

### EEZION LIMITED

Stanley Works  
Amphill Road  
Bedford  
Tel: Bedford 62341

## HORTICULTURAL SANDS FOR GREENS, SANDS FOR BUNKERS

### HINCKLEY'S SILICA SANDS LIMITED

Head Office: Sandiron House  
Beauchies, Sheffield S7 2RA  
Tel: Sheffield 362231

### JOSEPH ARNOLD & SONS LIMITED

Billington Road  
Leighton Buzzard LU7 8TW  
Tel: Leighton Buzzard 2264

## GRASS MACHINERY SALES, SERVICE & REPAIRS

### ETB MOWER SERVICES LIMITED

814 Stratford Road, Shirley,  
Solihull, Warwicks.  
Tel: 021-744 3329 and 3295

### PAICE & SONS OF FELBRIDGE

East Grinstead, Tel: 24466  
Farleigh Hill, Tovil, Maidstone, Tel: 65279  
Worthing Road, Horsham. Tel: 4351

### W. GRANT CURRIE LIMITED

213 High Street  
Epping, Essex.  
Tel: Epping 3780

## MOWER MANUFACTURERS

### Ransomes Sims & Jefferies

Nacton Works  
Nacton Road  
Ipswich  
Tel: Ipswich 72222

## PROFESSIONAL MOWERS & SWEEPERS

### HORWOOL MANUFACTURING LTD

Lower Bedfords Road  
Romford, Essex  
Tel: Ingrebourne 42380

## ROPES & CORDS

### Halls Barton Ropery Co Ltd

Virginia works  
132 Pennington Street  
London E1  
Tel: 01-480 7756

## SPRAYING CONTRACTORS

### AGRICULTURAL CROP SPRAYERS (NOTTM) LTD

Shady Lane  
Southwell  
Notts  
Tel: Southwell 2003

## SPRAYING EQUIPMENT

### PRESSURE JET MARKERS LTD

152 The Arches, Stamford Brook  
London W.6.  
Tel: 01-748 9255

## TURF AIR CONTRACTS

### SPECIALIST HIRE RYAN EQUIPMENT

Yew Tree Cottage  
Iden Green  
Benenden, Kent  
Tel: Benenden 768

## TURF CONTRACTORS

### D. F. SMITH

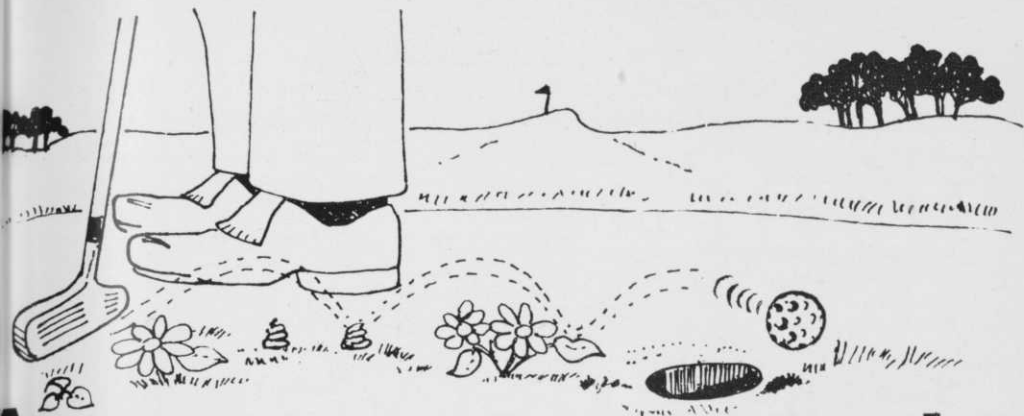
21 Raymonds Close  
Abbots Langley  
Watford  
Herts  
Tel: Kings Langley 63712

## TURF NURSERY

### ALLAMBYS TURF NURSERIES

Brandon Golf Course  
Holywell Lane  
Shadwell  
Leeds 17  
Tel: Leeds 662470

**BLAKESLEY REID LIMITED**, Manufacturers of the world's finest lawnmower and garden shear grinding machines. As used at golf clubs and parks departments throughout the world. **182 LEICESTER ROAD, MOUNT SORREL, LEICESTER. TEL: ROTHLEY 2168.**



# Are your greens up to par?

Or is your handicap weeds, worm casts, moss and grass fungii.

Synchemicals have the products to help you maintain your course effectively, safely and economically.

SPECIALIST SELECTIVE WEED KILLERS FOR TURF.

ESTERMONE, SYPROP, CLOVERCIDE, SYFORD, FORESTER, SYNOX, SYDEX, SYNCEMICALS WEED AND BRUSHWOOD KILLER.

For control of worms, leatherjackets, ants—SYDANE

For control of moss and grass fungii—M.C. MOSS KILLER

For instant feeding through the leaves and roots—

50/50 LIQUID GRASS FEED

To hold the growth of grass in abeyance—MAZIDE, MAZIDE 36

To inhibit grass growth and kill grass weeds—MAZIDE SELECTIVE

Let the MAZIDE range take over where the mower stops

**Why not ask Synchemicals to come and talk about your problems.**

**SYNCHEMICALS  
LIMITED,**



**LONDON,  
S.E.1**

Tel: (01)-237 1958/9

# Smoothie

To see the 10-blade cutting cylinder of the Auto-Certes whirring smoothly across a golf green is the surest way of appreciating what a truly splendid piece of machinery this famous mower is. And the finish rolling out behind the two-part landroll is a delight to anyone who really cares for fine turf. For a superb finish to golf greens, cricket squares and bowling greens Ransomes Auto-Certes is unsurpassable. Your local distributor would like you to see it for yourself. Contact him now.

## Check these features

Choice of 18" or 20" cut.

Separate landroll and reel clutches allow precision control.

NEW high speed gearing on 20" Auto-Certes ensures a smooth 135 cuts per yard.

NEW airflow grassbox ensures full capacity filling, reduces emptying time.

The 10-knife impact-resistant steel cutting cylinder stays razor-sharp for longer.

Single-point height-of-cut from  $\frac{1}{4}$ " to  $\frac{3}{4}$ " at a microscopic  $\frac{1}{64}$ " at a time.

Power-driven transport wheels mean quiet and easy site-to-site transportation.

Brush and comb set optional extra for turf grooming.

Ransomes Sims & Jefferies Ltd., Ipswich.

**RANSOMES**



**18" & 20" Auto Certes**

