

Quick-change artist

The Ransomes-Hahn Tournament Triplex is a remarkable machine — so remarkable that we call it the world's first Greens Management System. The Tournament Triplex is a 12hp vehicle with hydrostatic drive, which powers four separate turf maintaining operations. Each conversion, from superb greensmowing to utility mowing, to Verti-Cutting, to spiking takes less than a minute — and no spanner! **Greens Units** A full 67" cut. Each 23", nine-bladed cylinder can be lifted individually.

Utility Units Heavy-duty cutting cylinders and bottom blades for approach and tee mowing. Grass catchers provided with all units.

Verti-cut Units Patented twin offset blades remove 'thatch', keep greens in play even in difficult conditions.

Vibra-Spiker Now spiking takes even less time than greensmowing. High-frequency vibration penetrates to a depth of 1½" with a minimum of compaction. The combination of this unique quick-change unit feature, full 67" swath for every operation, variable-speed units and individual unit lifts make the Tournament Triplex an investment which no club can ignore. Your local Distributor is keen to impress you with a demonstration. Give him a call.

Ransomes Sims & Jefferies Ltd., Ipswich.

RANSOMES



Ransomes-Hahn Tournament Triplex



Trials and findings

[From Page 19]

is based on a balanced mixture of organic and inorganic (but non-alkaline) fertilisers. For general sports ground turf where organic matter and re-cycling of plant foods result from return of cuttings a granular fertiliser based on inorganic is suitable.

- (d) Sulphate of iron is a useful turf conditioner but can be over-used.

From 1961 to 1968 there were trials on the important subject of slow release nitrogen fertilisers to replace and/or improve on natural organics—the materials in the first place being of the urea-formaldehyde type about which there were glowing reports from the U.S.A. Results were disappointing; about a third of the nitrogen was released very quickly and the remainder very slowly if at all, whilst the effect on turf quality was similar to that of natural organics. New investigations to find a good slow release nitrogen fertiliser were started up in 1966, using several promising materials suggested to us, but again results were disappointing. It may be that the perfect nitrogen fertiliser will never be found—but we are still searching and trials with another new slow release nitrogen product have started this year.

Top Dressing

Work on this subject started right at the beginning and articles on compost dressing and the sterilisation of it for golf greens appeared in the Journals for 1930 and 1932. Some of the results of top dressing trials, e.g. with different kinds of sand, were never reported but simply incorporated into the advisory service as has happened frequently over the years.

Trials on mowing were first carried out in 1931 and further trials on different aspects of the subject have

been carried out from time to time since—indeed in a way they are still going on because an important aspect of the present day cultivar trials is the examination of performance under different heights of cut. For fine turf it has been shown that return of cuttings whilst having some advantages, e.g. in the re-cycling of plant foods, is on balance detrimental in that it encourages weeds, worms and disease. On coarser turf practical convenience usually dictates the return of cuttings. Grasses vary in the height of cut they will tolerate—perennial ryegrass needs $\frac{3}{4}$ -1 in. while bent will stand as close as $\frac{3}{16}$ in. Close mowing does reduce root development, of course.

Scarification

Not much experimental data has been published on this subject but the importance has been clearly demonstrated in trials on fine turf and manufacturers have been influenced to produce suitable equipment.

Aeration

There have been numerous trials on aeration, some reported, some not. It has been shown that hollow tine aeration is of great advantage in reducing compaction, encouraging root growth and getting water away from the surface. It does, however, facilitate invasion by weeds and, if over-done, produces too soft a surface. Solid tine forking is less efficacious in many ways but can be carried out very frequently without apparent detriment and is particularly useful on large areas where disposal of hollow tine cores presents difficulty.

Pest Control

- (a) Early trials on materials for

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RAIN BIRD®

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Parks
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In Palm Springs 32 out of 33 golf courses chose Rain Bird equipment for their irrigation systems. 40 years of experience in the design and development of sprinklers designed with modern technology and a high standard of quality control have established Rain Bird as the largest manufacturers of quality impact sprinklers and other irrigation equipment.

For full details of the best in turf irrigation contact our officially appointed area distributors:—

Ian Maiden, Farrods of Ripon Ltd., Dallamires Lane, Ripon, Yorks.

Gerry Wilkins, Rainbow Irrigation, Sussex House, 23 Cuckfield Road, Hurstpierpoint, Sussex



or the Sole U.K. Distributors:—
Irrigation Division, Sterling Works, Bath Road, Aldermaston, Berks. Tel: Woolhampton 2346.

GREENKEEPERS : Now you can apply liquid weed-killers and fertilizers, without wastage, or the fear of dangerous drift onto the surrounding young trees and other plants.

THE DRIFTMASTERS : Professional Machines for the Professionals.

Further details from :

Richmond Gibson Limited,
Gonerby Hill Foot,
Grantham, Lincs. Telephone 61968

Greenkeeper 1 and 2.

Whatever the wear and tear on your fine turf, Greenkeeper 1 and Greenkeeper 2 provide the ideal treatment, with fast action and long-lasting effects.

Greenkeeper 1 and Greenkeeper 2 are part of the unique Hi-lite range of products. They are light weight, so there's less to carry around, and flow smoothly and evenly. They also reduce the danger of scorching.

Greenkeeper 1 contains the correct balance of nutrients for Autumn and Winter application; Greenkeeper 2 for Spring and Summer.

Both are suitable for all types of fine turf and encourage your grass without causing excessive growth at the end of the season.

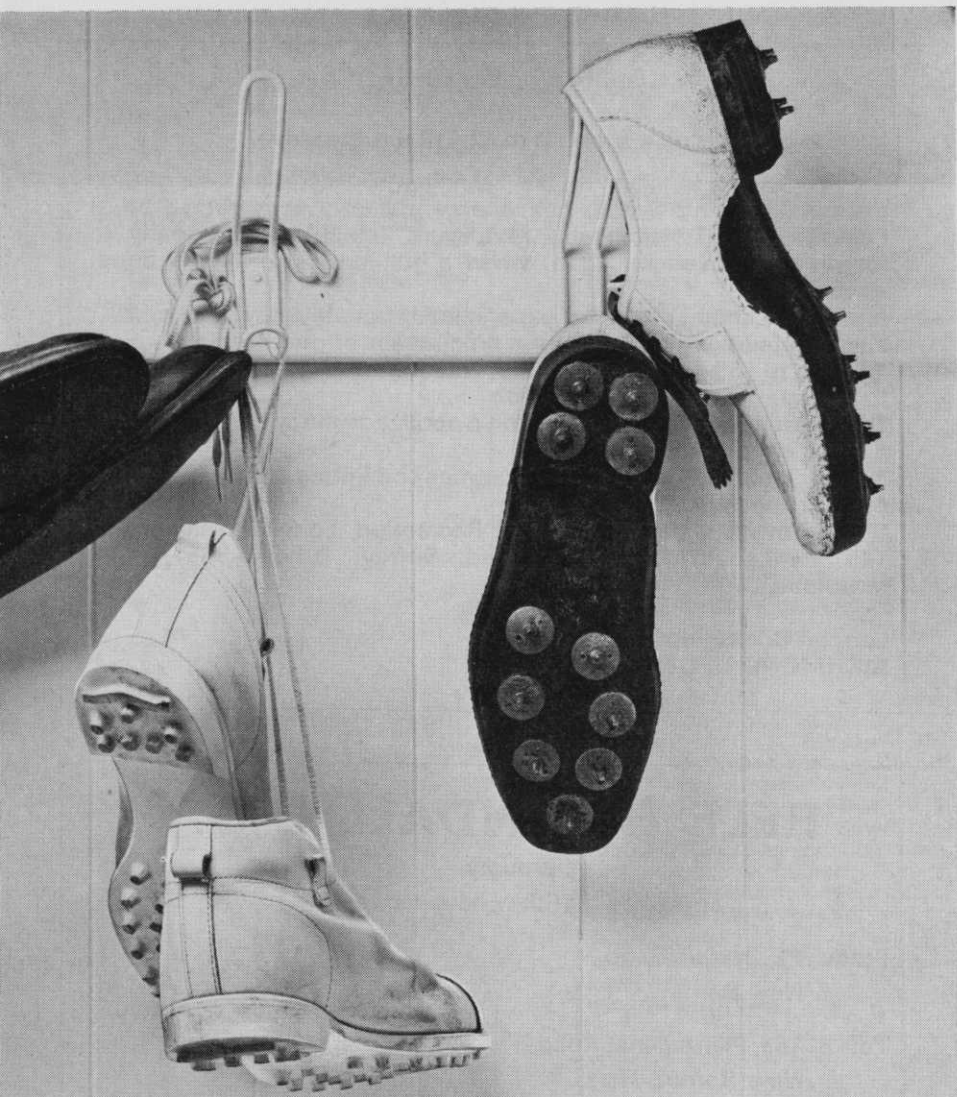
Conveniently packed in 62½lb poly-bags, they are ideal for both indoor and outdoor storage.

Greenkeeper 1 and Greenkeeper 2. The ideal treatment for your fine turf - all year round.

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Greenkeeper lets under their



**the grass grow
feet all year.**

HEAD GREENKEEPER

Salary on a scale up to £2,413 p.a. inclusive.

To be responsible to the Manager of Recreation for the maintenance of a 9 hole golf course, recently constructed at Fulwell Park, Twickenham, Middlesex, which will be ready for play in November 1975, when a golf professional will be appointed.

Applicants should be experienced, suitably qualified and able to supervise and control a small team of ground staff.

- * Up to £59 per week average, with overtime (paid monthly)
- * Secure pensionable position
- * Accommodation available on a service tenancy basis
- * 18 days annual leave
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- * Sickness pay scheme.

Form from the Manager of Recreation, Longholm Lodge, 146, Petersham Road, Richmond, Surrey. (01-940-8351/4) returnable by 4th April 1975.

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announce that they have moved :—

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Our express delivery service remains unaltered. The telephone number remains the same:

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SITUATIONS VACANT

BURSLAM GOLF CLUB

Required, Greenkeeper for Club. Please apply in writing giving brief details of past experience to :

The Secretary,
Burslam G.C.,
Wood Farm,
High Lane,
Tunstall, Staffs.

Wages negotiable.

HATFIELD LAWN TENNIS AND BOWLS CLUB

Required experienced Greenkeeper. Good salary offered, living accommodation will be available. Applications to :

**Hon. Secretary : E. Tingey,
20 Cranborne Road,
Hatfield, Herts.**

EXPERIMENT GROUND SUPERINTENDENT

Experienced groundsman, greenkeeper or other competent person familiar with turf maintenance required to fill the above interesting and responsible post at the St. Ives Research Station, Bingley. The position involves supervision of over 10 acres of experimental plots of turf and co-operation with technical staff in laying down new trials and recording existing ones. Salary to be negotiated. Pension scheme in operation. Further details from and applications to :

**The Secretary,
The Sports Turf Research Institute,
Bingley,
Yorkshire BD16 1AU**

WANTED GROUNDSMAN

For 9 Hole Golf Course.

Ideal opportunity for a Young Man seeking responsibility.

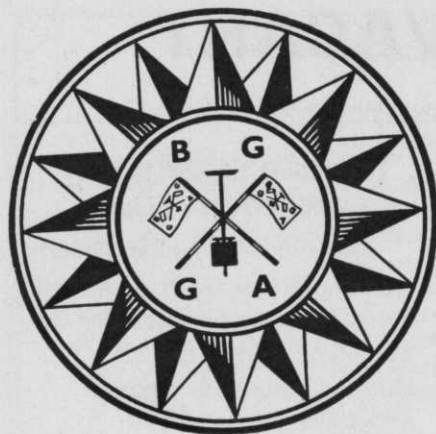
Salary negotiable, Minimum £35.00 Per Week.

Apply :—

Hon. Secretary,
Fishwick Hall Golf Club,
Glenluce Drive,
Preston. PR1 5TB.

HEAD GREENKEEPER

Required for 18 hole course in the county of Leicestershire. Good salary and accommodation is offered to a man with experience in all aspects of this work. Please reply to Box No. 107.



SECTION NEWS

A nationwide round-up of news from the branches

be maintained. Surface disturbance by sand slitting and trenching machines would result in the green being out of play for a few weeks depending on the time of the year. Drawing the question time to a close, the Chairman reminded members that Colin Head would be back again in March. The meeting then closed with the raffle and a round of applause for the speakers.

A warm welcome to the following:—

B. Streeter (Flackwell Heath). A. Phipps-Jones (Welwyn Garden City). R. A. Speed (Sidcup) J. S. Philip (Links G.C. Newmarket) and D. B. Reid (of the West Herts G.C.).

The away match against the Midland Section will be on Thursday 31st July at The Finham Park Golf Club. Interested members, please contact.

There are still a large number of members behind with their 1974-75 subscriptions. Last reminders have been sent out to all and if remittances have not been received by 30th April it will be presumed that they wish their membership with the Association to be terminated and their names will be erased from the mailing list.

Midlands Section

Vice Chairman:
V. W. SMITH

Hon. Secretary:
A. KITE
5 Lullington Close,
Sutton Coldfield,
West Midlands.

THE Spring Tournament will be held at the Beau Desert Golf Club, Hazel Slade, Cannock, Staffs, on Tuesday, May 13, by kind permission of the captain and directors of the club. The closing date for this event is April 20th. I would like once again to remind

Southern Section

Chairman:
F. W. FORD
(South Herts.)

Hon. Secretary:
F. W. FORD
68 Salcombe Gardens,
Mill Hill, London, NW7
Tel: 959 2847

THE Spring Tournament will be held on Wednesday 14th May, at the South Herts Golf Club, Totteridge Lane, N.20. There are no entry forms. Members to write in to me stating in BLOCK LETTERS name, club and h'cap. New members and members who have not previously played in a Section 36 hole Medal will play off scratch in the First Year Competition and must include with their entries three cards signed by their club or Artisan Secretary. Closing Date Monday, 28th April and entries will be accepted from paid up members only.

The January talk by Colin Head of Chipman Ltd. entitled "New Techniques in Turf Drainage" attracted over 40 Members. The highlight of the talk for me anyway, was the new technique in installing a complete drainage system in a golf green in conjunction with sand slitting without removing the top. Sand injected slits 12" apart above a drainage system 22" deep could be a great rejuvenating possibility for some of my water-logged Greens!, providing a porous top to the slits and communication between the slits and drains can

you that failure to contact me personally will result in you being excluded from this Tournament. It is important that members assemble no later than 9.30 am for this event.

A forum was held at the Edgbaston Golf Club on January 7. The panel was made up from P. Wyatt, R. Parker, R. Pilsbury, D. Morgan, V. W. Smith and A. Kite. Among the questions debated were:

The rapid price increases of fertilisers for use on golf courses;

The possible use of reclaimed soil and lime from factory plants that process sugar beet;

Whether or not the cost or need does warrant the use of motorised bunker rakes and drag mats on British courses;

Are there any plans among the firms making renovation plant to produce a machine to hollow tine deeper on fine sports turf?

Are the committee and officers of the BGGGA doing enough to improve the standing of the members of the association?

The questions put forward helped to make a lively and interesting forum with most members present airing their views. Mr. V. W. Smith, Chairman, thanked the Edgbaston G.C. for the use of their amenities and the panel and members for turning out and making the forum worthwhile.

North-West Section

Chairman:

E. WALSH
46 Peasley Close,
Longbarn, Padgate,
Warrington.

Hon. Secretary:

H. M. WALSH
34 Kingsfold Close,
Brightmet,
Bolton, Lancs.

SINCERE THANKS to Mr. P. Wyatt of Patissons Ltd. and Mr. K. Vertigan of Sisis Ltd. for the very interesting talks given and films shown when they met our members during December and January. And for the refreshments provided, thank you gentlemen. Thank you also, members, for coming to these talks, the speakers

appreciate your support.

The March talk will be given by F. E. Boyd of Twyfords Seeds Ltd. on Monday, March 3, 7.30 p.m.' Swinton Park Golf Club.

Teeing off times for Sisis Tournament, details of which were given in the December issue, start at 1 p.m. Please arrive in good time to help things run smoothly.

The Spring Tournament will be played over the Royal Lytham and St. Annes Golf Club's course on Monday May 5, 1975, over 27 holes, start first tee 9 am.

A competition for members' guests will also be played over 18 holes. Please let me have your entries and meal requirements as early as possible this is important.

The AGM will take place in the evening when I hope the majority of those taking part in the tournament will attend.

We welcome the following new members and hope their association with us will be a happy one. S. W. Garner, Wilmslow Golf Club, Mobberley, Cheshire; R. J. Barnes, Stockport Golf Club, Offerton, Stockport.

The treasurer informs me that some members have forgotten to pay their subscriptions for 1974-75. Would members please do their best and make Bob happy.

East Midland Section

President:

R. BAILEY
147 Mere Road,
Wigston Magna,
Leics.

Hon. Secretary:

S. FRETTER
4 Queens Drive,
Leicester Forest East,
Leics.

THE ANNUAL dinner—dance was held at the Shakespeare Inn, Braunstone Lane, Leicester on Saturday November 16. There was a very good attendance. Our guests were Mr. and Mrs. Eric James of Poole, Dorset.

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East Midland Section
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Mr. Alan Thornton, retiring treasurer, was presented with the knock out cup, and Mr. R. Willars with the runners-up prize. Also Mr. D. Jack received a cup presented by Toro Ltd. and tea service for the best score in the Spring and Autumn Tournaments.

The annual Spring Tournament is being held at Spalding Golf Club on Wednesday May 14. Please let me know by May 1 if you will be playing and require a meal.

We would like to wish Mr. G. Darby all the best in his new job as Head Greenkeeper in the South of England. It is with regret that we see him leave this section.

Mr. A. Thornton writes: "To all members of the East Midlands Section. I would like to say many thanks for the barometer presented to me at the dinner-dance, and wish Mr. P. McCarron all the very best as the new treasurer."

North East Section

President:

C. N. STOREY
 11 Holywell Avenue,
 Whitley Bay,
 Northumberland.

Hon. Secretary:

G. JEFFERIES
 55 Brackenfield Road,
 Framwell Gate Moor,
 Durham.

THE Spring Competition will be held on the Eaglescliffe golf course, Co. Durham, on Thursday April 24th, by kind permission of their captain and

committee.

This will be an 18-hole event starting at about 1 pm. There are still some subscriptions outstanding; please let me have them before this competition.

Diary Dates

- Mar. 4 South Coast Section Lecture — Huxleys, New Alresford, 7 p.m.
- 5 Southern Section—Whitbreads, 6.30 p.m.
- May 14 Southern Section Spring Tournament — South Herts G.C.
- June 11 Southern Section, Annual General Meeting—West Essex G.C.
- July 31 Southern Section, Midlands v Southern Match —Finham Park G.C.

Midland Section

- Aug. The B.G.G.A. Annual Tournament 11-13—ment will be held on Walsall G.C.
- July 31—Annual match between Midland and Southern Sections, Coventry G.C. Finham Park, assemble 9 a.m.
- Mar. 21—Annual Dinner, Southern Section, Walton Heath.

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