

MAY
1966 1/-

The British Golf

Greenkeeper



U.S.G.A. GREEN SECTION	
FUGUSON	—
CHESMAN	
SMITH	
FILE	



10 knife high-speed
cutting cylinder and thin
bottom blade give the
Ransomes AUTO-CERTES
unequalled performance.
Reliable 4 stroke engine
saves time and temper

Ask your Ransomes Area Sales and Service
Distributor for a demonstration or write to:—



RANSOMES SIMS & JEFFERIES LTD IPSWICH
Telephone: Ipswich 54711 Telex No: 18174



RANSOMES



ESTABLISHED Tradition

is important to our highly skilled team of maintenance and service engineers.
 Immediate delivery of spare parts—from the largest stock of spares in the trade.
 An immediate service exchange assembly (engines, cutting cylinders, magnetos, etc.). Reliable maintenance service to keep your equipment in top working order.
 Our Service Engineers and Demonstrators are available at any time. H.P. facilities available.

**NEW EQUIPMENT
ALWAYS IN STOCK**

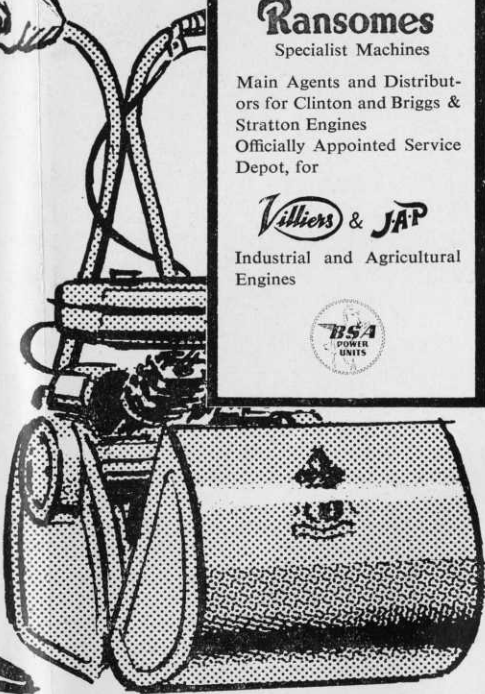
Distributors and Authorised Repair Agents to Ransomes, Sims and Jefferies. Official London Area Distributors for

Ransomes
Specialist Machines

Main Agents and Distributors for Clinton and Briggs & Stratton Engines
 Officially Appointed Service Depot, for

Villiers & JAP

Industrial and Agricultural Engines



RELF AND KENDALL
 406 BRIGHTON ROAD, SOUTH CROYDON, SURREY. CRO 0578
 11 STATION ROAD, NEW BARNET. BARNET 8228

Member of the British Golf Greenkeepers' Association



Member of the National Association of Groundsmen

Contractors to : Municipal Authorities, Sports Clubs, Golf Clubs, Reconditioning and Maintenance of all grass cutting equipment

GREENKEEPER

HON. EDITOR: F. W. HAWTREE



FOUNDED 19 2

PUBLISHED MONTHLY FOR THE
BENEFIT OF GREENKEEPERS,
GREENKEEPING AND THE GAME
OF GOLF BY THE BRITISH GOLF
GREENKEEPERS ASSOCIATION

President:

CARL BRETHERTON

Vice-Presidents:

SIR WILLIAM CARR

R. B. DAWSON, O.B.E. M.S.C.

F.L.S.

GORDON WRIGHT

F. W. HAWTREE

S. NORGATE

I. G. NICHOLLS

F. V. SOUTHGATE

P. HAZELL

W. KINSEY

R. C. AINSLOW

Chairman:

J. SIMPSON

Ponteland G.C.

98 Hedley Street

Gosforth, Newcastle on Tyne, 3

Vice-Chairman:

F. CASHMORE

Hon. Secretary & Treasurer:

C. H. DIX

Addington Court G.C.

Featherbed Lane

Addington, Croydon, Surrey

Executive Committee:

Carl Bretherton (President),

G. Herrington, J. G. Bryan

E. H. Benbow, S. T. McNeice,

J. Parker, J. Simpson,

A. A. Cockfield, H. M. Walsh,

E. W. Folkes, D. G. Lord

Hon. Auditors:

Messrs. SMALLFIELD RAWLINS AND

Co., Candlewick House, 116/126

Cannon Street, London, E.C.4

Hon. Solicitor:

R. A. BECK

21 Lime Street, London, E.C.3

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

No. 254 New Series

MAY 1966

*Perfect timing it seems to me,
When you're getting anxious to
score some
Is arriving at that initial tee
Ahead of a female foursome*

—STEPHEN SCHLITZER.

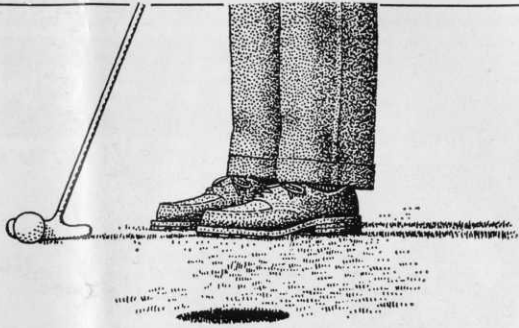
MAY

CONTENTS

Page	3	TEE SHOTS
	4	SPIKE WITH RECESSED FLANGE CAUSES LESS DAMAGE TO GREENS
	6	SPECIAL OCCASIONS
	7	SITUATIONS VACANT
	10	HON SECRETARY'S NOTES
	12	NOTES FROM SECTIONS
	18	APPRENTICESHIP COUNCIL ANNUAL MEETING
	19	AUTOMATIC IRRIGATION AT SUNNINGDALE
	20	MRS GREENKEEPER

EDITORIAL AND ADVERTISEMENT OFFICES: Addington Court Golf Club, Featherbed Lane, Addington, Croydon, Surrey Telephone: SANDerstead 0281. SUBSCRIPTION RATE: 14/ for 12 issues post paid. Published during the first week of each month. LATEST COPY DATE: 8th of month prior to insertion. 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.

TO INSERT A CLASSIFIED ADVERTISEMENT, write to the Advertisement Manager at the above address. The rate is 6d. per word (minimum 15 words). Box Number, 1/6 extra. 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.



Birdie

We cannot guarantee your form, but when it comes to the condition of the course, May & Baker Ltd have the answer in their range of selective weedkillers and fungicides. No matter what the sport, May & Baker brand products will improve conditions, by giving you perfect turf

-
- 'MOSTOX'*** A really effective moss killer
-
- 'CLOVOTOX'*** Selective weedkiller for controlling clovers.
-
- 'DICOTOX'*** Showerproof selective weedkiller for general weed control on turf
-
- 'DICOTOX' EXTRA*** Four times as concentrated as Dicotox* for greater economy on larger areas of sports turf
-
- 'SUPERTOX' 30*** Broad spectrum selective weedkiller for turf. Kills weeds and clovers.
-
- 'MERSIL'*** Concentrated turf fungicide with rapid and lasting activity. Recommended for moss control
-
- 'MERFUSAN'*** Turf fungicide with similar range of action to that of Mersil*. For dry application
-
- DDT CONCENTRATE** For the control of turf pests including leather-jackets.
-

In order that you may obtain these products quickly we have established a network of distributors, all of whom have been carefully selected for their sales service and knowledge of your special requirements.

In addition the M&B representatives will be supporting them in the field and available to help with your particular problems.

*trade mark
M&B brand Products.

MAY & BAKER LTD
Dagenham Essex
Tel DOMinion 3060
Exts 342 and 359.

HA3042

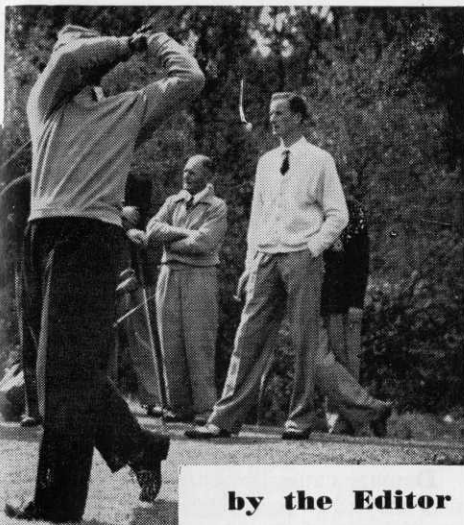
For details of this new network, and an up to date list of products and prices, post this coupon to May and Baker, Dagenham, Essex.

Please send me details of May and Baker Main Distributors, and a list of products and prices.

Name _____

Address _____

TEE SHOTS



by the Editor

On the one hand

West Byfleet Golf Course is not to be re-zoned for building—West Hill has also been spared a proposal for 840 houses—Bournemouth Council are considering a scheme for a new course on Hengistbury Head—Darlington are going into the possibilities of an 18 hole course on 109 acres—American airmen at Lakenheath (Suffolk) are planning to build their own 9-hole course in off-duty hours—Malvern needs a new 18 hole course, says the Chairman of the Council.

On the other

The new hospital on the site of the former Northwick Park golf course will cost over £13,000,000—Richmond Golf Course, Sudbrook Park, will be cut by a third if a new 40 ft. wide by-pass is made—A public inquiry is to be held into the Lake District Planning Board's refusal to allow a new 18 hole golf course for Keswick—£196,000 was not enough to buy 41½ acres of the former St Leonard's Golf Course with permission to build up to 370 homes.

Open arms

“We have to consider the bona fide golfers. So we turn the others away” (West Country golf club secretary).

NEW BROOM

Messrs Stewart & Co. of Edinburgh have introduced a new brush for attachment to all makes of lawn mowers. It is called the “Finalawn” and comes complete with small rollers and brackets for attachment in front of the machine. This position gives it the maximum effect in lifting grass blades, clearing worm casts

and discouraging moss. It is made with long-lasting Nylon bristles which help to provide those professional-looking stripes on the finished surface, which are so dear to the hearts of golfers. The basic 12 in. size costs 47s. 6d. plus 2s. 6d. for each additional inch. Model 18J, for example, for the Autocertes works out at 62s. 6d.

SPIKE WITH RECESSED FLANGE CAUSES LESS DAMAGE TO GREENS

Three Types Tested in USGA Experiment

A new spike for golf shoes causes considerably less damage to putting greens than the conventional spike, tests conducted by the USGA green section show

The significant feature of the new spike is a recessed flange or shoulder, so that only the spike protrudes outside the shoe sole. The spike in common use has a flange outside the sole. The flange is usually blamed by agronomists for causing undue soil compaction.

Damage caused by three types of spike was studied in tests conducted under the supervision of Dr Marvin H. Ferguson, national research co-ordinator of the USGA green section, last summer at College Station, Tex. Standard spikes were compared with two new models having recessed flanges. One of the new models—No. 1 test spike—was best of the three designs. The other new model—No. 2 test spike—produced the worst results because it collected soil on wet greens. The soil produced a cone around the spike and caused progressively worse damage.

Test Results Shown

In the tests at College Station a control plot that bore no traffic was given a rating of 100. The results were

	Rating after Traffic	Damage by Traffic
Check plot—no traffic	100.00	
No. 1 test spike—recessed flange	82.80	17.20
Standard spike—flange outside sole	72.17	27.83
No. 2 test spike—recessed flange	70.75	29.25

No. 1 test spike with a recessed flange caused only 59 per cent as much damage as No. 2 test spike.

A similar test of No. 1 test spike and the standard spike in Athens, Ga. showed similar results. It was observed by James B. Moncreif, South-eastern Agronomist of the USGA green section.

The USGA has studied the subject for some years. "The thickness of the

flange is a big factor in green damage," says Ferguson, "The weight of the player rests on the shoulders and the spikes, rather than on the sole" In the recent tests, No. 1 spike tended to distribute the weight over a wider area.

Support 1958 Conclusions

As early as 1958, USGA green section investigations tended to support the recent conclusions. In 1958 a spike with the shoulder recessed between inner and outer soles was tested against the conventional spike and the ripple-sole shoe. After five weeks, plots on which both the modified and the conventional spikes had been used, were badly worn. Plots tested by ripple soles sustained moderate damage. Plots were allowed to recover, and six weeks after the removal of traffic they were again studied. The plots where the modified spike and the ripple sole were used had made complete recovery, but the plot on which the conventional spike was worn had a partial turf cover infested with weeds and growth of algae.

Difference In Recovery Rate

"The significance of the damage may be more than the figures imply," says Ferguson, "because slightly damaged turf recovers much more rapidly than more seriously damaged turf. The relationship is not a straight line progression."

The USGA applauds any effort to reduce damage to putting greens. Caddies in some major championships have been obliged to wear rubber-sole sneakers. Players have endorsed this practice, saying that such shoes helped to minimize pitting of the greens.

Many golf shoes have 12 spikes each—24 in a pair of shoes. A California green committee chairman, C. J. Cogan of Newport Beach, once computed that a player will average 28 paces per green or 28 paces x 24 spikes for 672 impressions. And 672 impressions times 18 greens means 12,096 impressions per round for one player. Two hundred players create 2,419,200 impressions a day on 18 greens—or 72,576,000 impressions a month.

With grateful acknowledgment to the Golf Superintendent



Two well-used phrases sum up

ATCO Mowers:

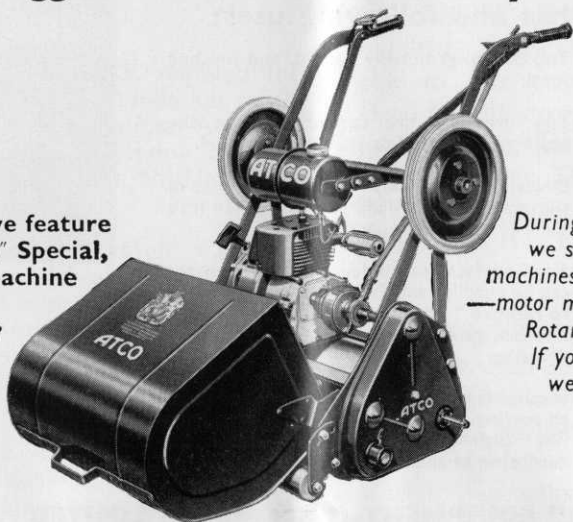
TRUE VALUE

LONG trouble-free LIFE

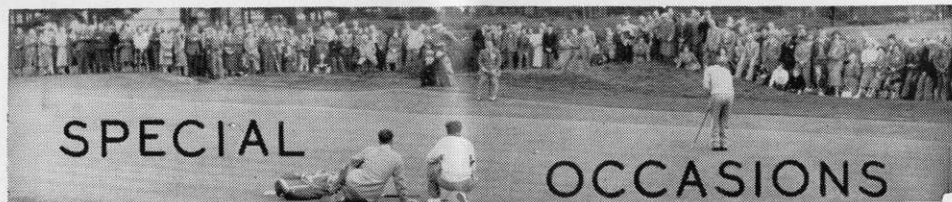
No need for us to extol the individual virtues of our mowers. ATCO has been synonymous with quality for over forty years. All this experience and all our advice is yours for the asking. Our wide range of grass-cutting equipment for every purpose is matched only by ATCO's unique nationwide servicing arrangements.

May we suggest a demonstration on your own turf?

This month we feature the ATCO 20" Special, the perfect machine for a perfect finish on your greens. £95.



During the next few months, we shall show all our large machines in our advertisements —motor mowers from 20" to 34", Rotaries and Gang Mowers. If you can't wait that long, we will gladly supply full details on request.

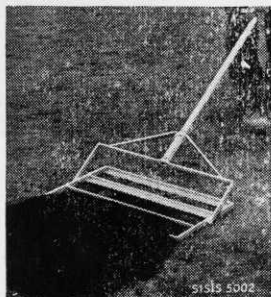


MAY	9th	North-West Section A.G.M., Garrick Hotel, 7.30 p.m.
	12th	S.G.G.A. East Annual Competition, Royal Burgess Golf Club.
	20th	S.W. President's Team v Greenkeepers, Knowle Golf Club.
	25th	East Midland Spring Tournament, Kirby Muxloe Golf Club.
	26th	S.G.G.A. North and Mid Annual Tournament, Deeside Golf Club.
JUNE	7th	Northern A.G.M., The Mansion, St. Ives, Bingley, 6 p.m.
	8th	South A.G.M., The Stirling Castle, Moorgate, E.C.1 6.30 p.m.
	9th	S.G.G.A. Annual Tournament, Ralston Golf Club.
	12-14th	Southern Section Visit to Bingley
	28th	Midland President's Match, Handsworth Golf Club.
JULY	26th	South-West Annual Tournament, Little Aston Golf Club.
AUGUST	8th } 9th } 10th }	Annual Tournament, Little Aston Golf Club.

An indispensable hand tool for all Groundsmen and Greenkeepers . . .

The "SISIS" TRULUTE has the following uses:

- SPREADING** Top dressings quickly spread, and finished level.
- LEVELLING** Top dressings are spread so that the hollows are raised to true ground level.
- RUBBING-IN** Dressings are quickly luted into the base of the grass after spreading, also worked into pierced holes after aerating.
- SURFACING** Hard surfaces of cinder or of shale paths can be readily resurfaced, using cutting side to remove "proud" areas and the smooth side to spread loose and newly applied dressing.
- TILTHING** Invaluable when levelling seed beds or prior to sowing. After levelling, will produce a fine tilth—without waviness—ideal for reception of seed.



"SISIS" EQUIPMENT (Macclesfield) LIMITED
MACCLESFIELD, CHESHIRE. Tel: Macclesfield 6363.

SITUATIONS VACANT

SOUTH HERTS GOLF CLUB require a first assistant to Head Greenkeeper Salary to be negotiated with successful applicant, who must have a sound knowledge and experience of modern greenkeeping methods, both practical and theoretical. He will be required to take complete charge in the absence of the Head Greenkeeper Applications in writing to:—The Secretary, South Herts Golf Club, Links Drive, Totteridge, N 20.

HEAD GREENKEEPER. Immediately required for first class Golf Course in Bavaria, Germany The right man is most urgently needed for the Summer season, but the appointment could also be permanent. Knowledge of German NOT essential. Apply giving details of career and experience, stating salary required to:—Secretary, Golf Club Feldafing, 8133 Feldafing, Bavaria, Germany

ASSISTANT GREENKEEPER as future Head Greenkeeper required. Cottage provided. Write for full particulars to:—Secretary, Crews Hill Golf Club, Crews Hill, Nr Enfield, Middlesex.

HEAD GREENKEEPER required for New Course. Accommodation available. Salary by negotiation. Apply:—The Secretary, Brickendon Grange Golf Club, Brickendon, Nr Hertford.

GREENKEEPER for Golf Club to take charge of labour Good wages according to experience with accommodation provided. Apply :—The Secretary, Royal Winchester Golf Club, Sarum Road, Winchester

HEAD GREENKEEPER required—Good conditions of service. Good house and garage provided. Applications to the Hon. Secretary, Harrogate Golf Club, Starbeck, Harrogate, giving age and experience.

BURGH OF EAST KILBRIDE PARKS DEPARTMENT GREENKEEPER

Applications are invited for the post of Head Greenkeeper in the Parks Department. The person appointed will be expected to act as Clerk of Works while a new Municipal Golf Course is under construction and on completion of the course will be responsible to the Parks Superintendent for the maintenance thereof Wages £17 6s. 4d. per 40-hour week. Housing accommodation will be made available if required. Superannuated post, subject to medical examination. Applications, stating age, qualifications and experience and giving the names of two referees, must be sent to the Parks Superintendent, Edinburgh House, 20 Princes Square, East Kilbride, not later than Monday 9th May, 1966.

W GORDON McNAY,
Town Clerk.

Burgh Chambers,
EAST KILBRIDE.

FIRST ASSISTANT GREENKEEPER required, reasonably experienced, able to take charge in absence of Head Greenkeeper Salary according to experience, accommodation available. Apply —The Secretary, Bush Hill Park Golf Club, Bush Hill, Winchmore Hill, London, N.21

EXPERIENCED HEAD GREENKEEPER, aged 30 to 50, required for new course about to be constructed near Lille, Northern France. Salary £30 weekly less 8 per cent towards pension, accommodation provided, four weeks paid holiday Apply Golf de Bondue, 64 Boulevard de la Republique, Roubaix (Nord), France.



Berk Summer Range

of turf treatments for busy

Watering



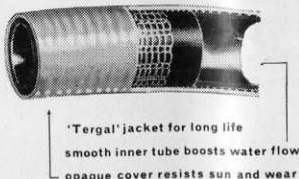
'Supplex' Sprinkler

This triple-bore plastic hose is minutely perforated throughout its length. One end is closed so that when the perforations are opened by water pressure, a fine rain-like spray is produced which soaks without flooding—in a rectangular pattern. Supplex is the logical choice for rectangular areas. Lengths are available to cover, in one operation, tennis courts, bowling greens and cricket pitches.

'Tricoflex' Reinforced Plastic Hose

For conveying water Tricoflex is three ways superior to rubber hose. Tricoflex withstands the kind of rough handling that soon destroys a rubber hose; it weathers better—it is

particularly resistant to long exposure to the sun—and its light weight and suppleness make it easier to coil and carry. Tricoflex hose is constructed of 3 layers—black P.V.C. inner tube, with mirror finish for optimum water flow, knitted jacket of 'Tergal' polyester fibre and an opaque vivid yellow outer cover of polythene. Tricoflex has been proved in rugged tests on building sites will last you years!



Moss Control

Berk Moss Control compounds are based on mercury—this is present in an insoluble and harmless form. Mercury not only kills moss but prevents subsequent growth—it can control moss for up to three years. Three compounds are available—the choice depends on the individual requirements and the time of the year.

M.T.S (Mercurised Turf Sand) *(M of A 1477)*

This is applied at 4 oz. per square yard from early spring to late summer. It kills moss immediately, reduces weed population and, because it contains a quick-acting nitrogen fertilizer stimulates grass growth.

Moss Killer *(M of A 1478)*

This is applied at 4 oz. per square yard at any time of the year but especially prior to normal autumn treatments. Moss Killer does not contain a grass stimulant but gives rapid control over moss.

Moss Eradicant *(M of A 1479)*

A special formulation to control the following crop of moss while killing the immediate crop gradually—so there is no disfigurement from dead moss.

Hints on Moss Control

- 1 Moss will always invade and colonise neglected turf.
2. Do not rely on raking alone to remove moss. This spreads moss spores and fragments which can re-infest the site. Always use a moss killer in conjunction with raking.
3. Correct turf management should always be practised. After using a moss killer, the factors responsible for the appearance of moss should be removed.
4. Some common causes for the appearance of moss are
 - * Poor drainage and aeration
 - * Bare patches
 - * Over-rolling and compaction
 - * Acid and undernourished soils
 - * Persistent close mowing.

groundsmen & greenkeepers

Wormkiller

Berk 25% Chlordane Wormkiller

Berk Chlordane kills worms *underground*, also controls leather-jackets, ants and chafer grubs. It is cheap and easy to apply—calling for little watering and minimum labour. Best applied in warm, showery weather during autumn or spring when worms are most active and near the surface.

Berk 20% Chlordane Wormkiller (Granular)

Applied at 80 lb. per acre, granular can be particularly useful where grass is kept long or the sward is thick.

Turf Fungicide

This fungicide contains the equivalent of 2½% Mercury and gives excellent control of Fusarium Patch (*F. nivale*) and Dollar Spot (*Sclerotinia homoeocarpa*) in Turf. Apply in late summer or spring for Fusarium control, or when symptoms appear for control of Dollar Spot.

Application: 1 oz. per 40 sq. yards in 2 gallons of water or with 14 lbs. sand for wet and dry methods respectively.

**POST THIS COUPON NOW
FOR LEAFLETS AND PRICES**

Weedkiller

Turf Weedkiller—Standard

(Ministry Approved)

A selective weedkiller controlling broad-leaved weeds in turf.

Application: 2-4 fl. oz. per 120 sq. yards in not less than half gallon of water (4-8 pints per acre in not less than 20 gallons).

Turf Weedkiller—Super

(Ministry Approved)

A selective weedkiller controlling clover and chickweed in addition to other common broad-leaved weeds in turf.

Application: 3-4 fl. oz. per 120 sq. yards in not less than half gallon of water (6-8 pints per acre).

Free advice from Britain's most experienced Groundsman

Bert Lock was Chief Groundsman at The Oval for twenty years. Now, as the retained consultant of Berk Limited, his wealth of experience is at your disposal. He will take a look at your turf and give an expert, unbiased opinion on it. The service is entirely free. For immediate attention, write to Berk at the address below.



Berk Limited, Berk House, 8 Baker Street, London W.1. Tel: HUNter 6688

Please send me literature and prices for the following (tick as appropriate).

Supplex

Tricoflex

Wormkiller

Moss Control

Turf Fungicide

Weedkiller

NAME..... POSITION.....

ADDRESS.....

BGG 2

HON. SECRETARY'S NOTES

Annual Tournament

ACCOMMODATION.—Members are reminded not to delay if they would like Mr Cashmore to assist them in finding accommodation for the Tournament at Little Aston.



WAGES SURVEY

It was agreed at a meeting of the Executive Committee on 12th March 1966, that the scale of wages as published in the Journal in January 1965 should be amended as follows:—

Head Greenkeeper—£20 to £24 per week
(Plus accommodation).

First Assistant—£15 to £17 10s. per week.

Assistant—£13 to £14 per week.

Get on to GIBBS

FOR THE

Hayter 21" SELF PROPELLED MOWER

A versatile, highly manoeuvrable machine for grass maintenance in the fairly large or sloping garden, which can be hand-propelled in awkward corners. On large lawn areas, in paddocks and orchards whether wet or dry, the self-propelled 21" HAYTER-MOWER always mows efficiently, slicing through the longest, roughest and toughest grass.

Trailer seat, for level areas, is an optional extra.



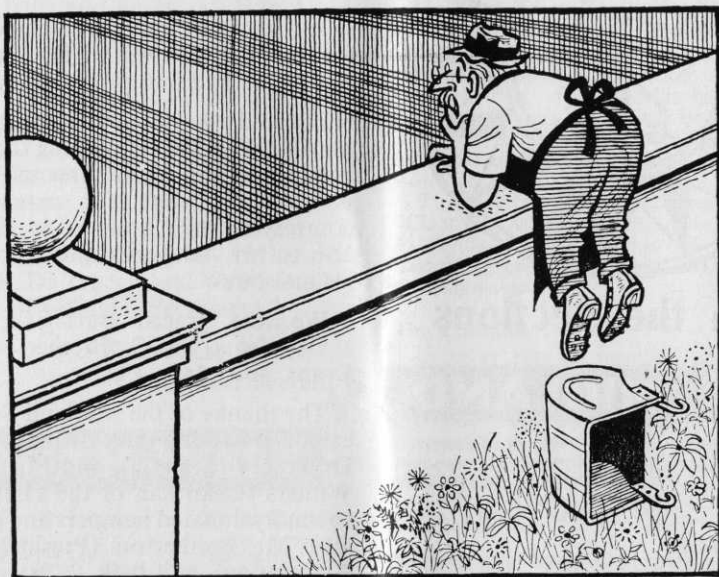
J. GIBBS LTD · BEDFONT · MIDDLESEX

Telephone: Feltham 5071



By appointment to
Her Majesty Queen Elizabeth II
Suppliers of Agricultural
Machinery and Implements,
and Motor Vehicles

**When the grass
on the other side
looks greener**



**yours needs
SPORTSTURF VELVETONE!**

I.T.P. Sportsturf Velvetone is the organic lawn conditioner proved in action on the royal lawns at Ascot and the grass courts at Wimbledon.

For less than £15 an acre, the autumn/winter formula of Sportsturf Velvetone will condition your fine turf areas beautifully. Forty per cent organic, it contains trace elements and carefully balanced lawn foods exactly suited to the finer grasses.

It assists root action all winter long but doesn't encourage vigorous top growth until spring. (If you're a greenkeeper who hasn't the time or labour to apply turf dressing during the playing season, you'll find Sportsturf Velvetone extremely useful.)

For less-fine turf—I.T.P. Winter Outfield Fertilizer Seventy-four per cent organic, this high-grade fertilizer costs less than £10 an acre. It's excellent for cricket outfields, golf fairways, football grounds and other large sports areas. Good for construction of new grass surfaces too. (Also available with selective weedkiller.)

Order now from your local merchant or Fisons representative.



VELVETONE

News



from the Sections

EAST MIDLAND

Chairman
F FROST
(Derby G.C.)

By S. Fretter
Hon. Secretary:
Portland Lodge Farm
Portland Road
Kirby Muxloe, Leicester

Spring Tournament

AS YOU ALREADY KNOW THE SPRING Tournament will be played at Kirby Muxloe Golf Club on the 25th May, first tee 12.45 p.m. Will all members wishing to play please notify me by the 16th May in order to make catering arrangements. Any member travelling by bus via Leicester will catch it to Kirby Muxloe Station from Leicester College of Art and Technology in "The Newarkes" bus No. 219 or 664.

Subscriptions

Subscriptions are now due and it would be a great help if members would send them to save me having to write several times.

MIDLAND

Chairman:
G. HART
(Gay Hill)

By F Cashmore
Hon. Secretary:
76 Four Oaks Common Road
Sutton Coldfield, Warwickshire

Four Ball Alliance

THIS EVENT IS COVERED BY MR REG Pugh's report.

President's Match

Just a reminder of our President's Match at Handsworth on 28th June.

Spring Tournament

I hope to see you all at this event on 5th May

Annual Tournament

At Little Aston Golf Club, 8th to 10th August. Start to get your Chairman of the Greens Committee interested in this event to enable you to represent your Golf Club.

FOUR BALL ALLIANCE VICE-PRESIDENTS AND GREENKEEPERS

PLAYED AT HARBORNE GOLF
CLUB, ON WEDNESDAY,
16th MARCH, 1966

We were fortunate in having a fine day for the above event, when 30 players turned out and had a most enjoyable day

I would like to tender my thanks to Mr C. J. Withers for making the arrangements and the Committee of the Harborne Golf Club for extending the courtesy of their course and clubhouse, also to Mr Ashworth, the Secretary, for his assistance.

We were "graced" during the day with a visit from Mr C. Bretherton, Mr F. Evans, and Mr L. Foster

The thanks of the Midland Section are extended to Mr Frank Evans (President), Dr Tracey (Captain), and Mr Charles J. Withers (Chairman of the Greens), who so kindly donated hampers and golf balls, also Mr Bretherton (President of the Association), golf balls.

After the Competition we were entertained to drinks for the entire evening, and the gentlemen responsible for this generous gesture were the Vice-President (Mr Len Price) and Mr Withers, who donated £10 and £5 respectively for this treat, thus rounding off a most enjoyable day

I carried out introductions at the presentation, and thanked all concerned, including the Greenkeeper and his staff, and also mentioned that this was the finest prize list we had received from one Club.

The same three gentlemen also gave us one dozen Penfold golf balls for the Spring Tournament to be played at Kidderminster on the 5th May, 1966.

Dr Tracey, assisted by Mr Withers, presented the prizes, and may I once again say "Thank you Harborne Golf Club" and the Association Chairman, Mr Frank Cashmore, for his assistance in officiating whilst I played a round in the Competition.

The Competition resulted as follows:—

1st prize

Mr C. J Withers and Mr R. J Pugh—
1 dozen balls and £5 5s. 0d. Hamper
67 nett

2nd prize

Mr L. Price and Mr W Barton—1
dozen balls and £3 3s. 0d. Hamper
69 nett

3rd prize

Dr M. Tracey and Mr V Smith—1½
dozen balls 70 nett

The following Vice-Presidents joined us in this game:—L. Price, C. J Withers, W H. R. Lloyds, J T Mitchley, L. Wheeler, E. Ballinger, R. Parker, Mr Ashworth, Dr Tracey, and W N Dudley-Evans (Warwickshire Secretary).

Signed REG PUGH,
Tournament Secretary

SOUTH-WEST

Chairman
H. SHEPPARD,
(Warminster G.C.)

By A. Cockfield
Hon. Secretary:
(Shamcastle G.C.)

A.G.M.

OUR A.G.M. WAS HELD AT HENBURY Golf Club on the 9th March. Items on the Agenda were to elect a new President in place of Mr Southgate who has retired, to invite Mr Payne and Mr Veals to become Vice-Presidents, and to elect the committee for the coming year.

Our new President is, I am honoured to say, Mr John Ireland the very popular match Secretary of Salford Golf Club. Mr Ireland has done an untold amount of work for golf in this district. Assisting at Alliance Meetings, running Junior competitions, and arranging fixtures for

Somerset Colts are just a few of his many interests. But perhaps his greatest joy has been the running and ever increasing success of the Saltford Golf Festival Week. There, on the Monday evening the Amateur/Greenkeeper competition is, without question, our most enjoyable event of the year.

Our retiring President, Mr Southgate, we regret to say, has not enjoyed the best of health for the past couple of years, but we all sincerely trust that a month or so of well-earned rest will only be the beginning of a long and happy retirement. Mr Southgate, like all Ransome's representatives, has in the past, done an enormous amount of work for the section in which he has been residing. In particular his assistance on competition days will always be greatly appreciated. Should he at any future date wish to come along to our meeting he will always be most welcome.

To Mr Payne, his successor, we extend a warm welcome. After many years in the Industrial Midlands we trust that his new life amidst the tranquil green hills around Cheddar will be long and enjoyable.

The Committee

In order that all members should have the opportunity of serving on the committee, it was decided that the senior member should retire each year. This being passed W Light takes the place of G Gilbert and S. Baber will take his place and represent the Assistant Greenkeepers at all meetings.

Congratulations

The news has recently been brought to my attention that Barry Reeves will shortly be forsaking his Greenkeeping career to become Assistant Professional at Clevedon Golf Club. To this fine young golfer, who in two successive years has won the Senior Prize at the National Tournament, also playing a major part in the South-West, winning the Jubilee Cup at Weston-super-Mare. We wish him every success.

Future Events

May 20th. President's Team v Greenkeepers—
Knowle Golf Club.

July 26th. Annual Tournament—STINCH-
COMBE HILL.

R. C. CRAIG

AND CO. LTD.

SPECIALISTS IN THE REPAIR AND
MAINTENANCE OF ALL TYPES OF MOWERS

★ Agents for RANSOMES SIMS &
JEFFERIES Ltd.

★ LLOYDS & Co. Ltd.
WEBBS LAWN MOWERS

★ Distributors DENNIS BROS Ltd.

★ GANG MOWERS FOR HIRE

We will gladly call on you to
advise on your grass cutting
equipment or arrange demonstra-
tions. Ring us now

★

**153 Arch Stamford Brook
Station, LONDON, W.6.**

RIVERSIDE 5415

SOUTHERN

By W Mason

Hon Secretary:

Chairman:
W E. MOORE
(Romford)

18 Albert Road, Hendon, N.W.4.
Tel.: SUNnyhill 0245

Quiz

OUR QUIZ, HELD ON 16TH MARCH, was again most interesting with plenty of questions being asked, among which was the use of Chlordane for wormkilling and the best way to get rid of Thatch on the Greens. In all our Quiz Master, Mr Glass, was kept very busy

Annual Dinner

Quite a few took part in the golf in the afternoon preceding the Annual Dinner. It was nice to see our Chairman, Mr J Simpson, who made the long journey down from Newcastle. The usual toasts were given with a hearty vote of thanks to the North Middlesex Golf Club and staff for a most enjoyable dinner and get together. The Captain and President expressed to me the hope that we would come again. The winning pair for the afternoon golf was S. Battams and his professional from Finchley, Mr Tony Moore.

Visit to Bingley

My Committee have decided on a visit to Bingley which will take place in June. Arrangements will be made for a coach to take them down on Sunday, 12th June and return on Tuesday, 14th June. Will any member wishing to go let me know as early as possible so that arrangements can be made. Bingley say they will be pleased to do all they can for our visit and to find accommodation for the Sunday and Monday nights. The coach fares will be paid for out of Section Funds.

Annual General Meeting

A special note for your diary—The Annual General Meeting will take place on Wednesday, 8th June at the Stirling Castle, 50 London Wall, Moorgate, E.C.1 at 6.30 p.m. It is hoped that every effort will be made to attend.

SHEFFIELD

By J. J. Dearlove

Hon. Secretary:

Chairman:
G. HERRINGTON
(Lindrick)

63 Langsett Avenue
Sheffield, 6

March Lecture

TO CONCLUDE THE LECTURE PROGRAMME for another season, we were treated to a talk on golf course construction and design. About 40 people turned up to listen to Mr F W Hawtree give a flowing commentary, with the aid of film slides, on this subject.

Mr A. Shardlow, our President, was detained at a late hour and, unfortunately, could not attend. He did, however, telegram his apologies to Mr Hawtree and the assembled company.

On opening the meeting, Mr George Herrington remarked on the good attendance and said how pleased he was to have a number of club officials in our company. He then introduced Mr B. Elliott who in turn welcomed the Speaker and those present.

Mr Elliott, a keen supporter for a new course in the area, recalled Mr Hawtree's last visit of four years ago and said how he'd looked forward to this evening. He also stressed during his opening remarks that every method should be explored in order to keep courses playable in the winter months.

Mr Hawtree was soon in action and left no one in doubt as what golf course making was all about. We were slightly surprised, however, to learn that the cost of the average golf hole is similar to four years ago. There was the usual question and answer time before Mr Elliott moved a vote of thanks which was ably seconded by Mr Herrington.

New Members

A hearty welcome to the section for the Tankersley Park Club staff of Charlie Grimley and his assistants George Travis and apprentice Malcolm Beardshall. We look forward to seeing you at our meetings.

Change of Club

Congratulations to Harry Herrington (son of George) on his appointment as Head Greenkeeper to the Thrybergh Park Club after four years in the same capacity at Sherwood Forest.

Obituary

It is sad to note the death of Mr Fred Key, a life member of the section, at the age of 78. Fred was not in the best of health in the latter years but will be well remembered by the older members for his keen support of the section. We send our deepest sympathy to Mrs Key and family.

KEEP'S

TESTED GRASS SEEDS
FOR HIGH SPEED
GOLF GREENS & FAIRWAYS
SELECTIVE WEED KILLERS
GRANULAR FERTILISERS
RECORD GRASS FERTILISER
CHLORDANE WORMKILLER



MAXWELL M. HART
(LONDON) LTD.

WINNERSH, WOKINGHAM
BERKSHIRE

Telephone West Forest 4242
STD Dial ORE 4314242



NORTHERN

By J. Parker

Chairman:

D. ROBERTS
(West Bowling G.C.)

Hon. Secretary:

8 Goit Stock Terr., Harden
Bingley, Yorks.

Annual General Meeting

THIS WILL BE HELD IN THE MANSION, St Ives, Bingley, on Tuesday, 7th June at 6 p.m. Arrangements have been made for members to visit The Sports Turf Research Institute during the afternoon preceding the meeting. Those members making the visit are requested to assemble outside the offices at 1.45 p.m. Afternoon tea will be available in the Mansion following the visit.

Subscriptions

Members are reminded that subscriptions became due on 1st May and prompt payment would be much appreciated.

New Members

We welcome to the section the following new members, K. Dakin of Sand Moor Golf Club and H. A. Lees of Wilton Golf Club.

PATTISSON

GOLF COURSE EQUIPMENT

Hole Tins	Tee Boxes
Cutters	Tee Plates
Staffs	Ball Cleaners
Mats	Tablets
Mowers	Rollers
Hose	Sprinklers
Mole Ploughs	Rotary Sifters
Aerating Machines	
and all	
Greenkeeping Tools	

H. PATTISSON & CO. LTD.
STANMORE · MIDDLESEX
Telephone GR1msdyke 4171/4172

NITROFORM CONTROLLED RELEASE

Nitrogen Fertilizer

Nitroform is an organic turf fertiliser containing 38% nitrogen.

- * Does not scorch
- * Is labour saving—only one application needed a year
- * Releases nitrogen—the vital plant food for grass throughout the growing season

- * Has no smell
 - * Easy to spread by hand or distributor
- One application feeds the grass for a whole year, giving a healthy sward of a rich deep green colour and a strong root system. Also available in compound fertilisers. Ask for **Nitroform** at your usual supplier of fertilisers. In case of difficulty write to



NITROFORM

AGRICULTURAL CHEMICALS DEPT

HERCULES POWDER COMPANY LIMITED
One Great Cumberland Place London W1

WELSH

Chairman:
M. GEDDES
(Royal Porthcawl)

By S. A. Tucker
Hon. Secretary
36 Clase Road
Morriston
Swansea, Glam.

Spring Meeting

OUR SPRING MEETING WAS HELD, BY kind permission of the Captain and Committee of the Whitchurch Golf Club, on Wednesday the 13th April. The Course was in very good shape and we thank the Steward and Stewardess for looking after us so well. The only thing that was not so good was the weather but I am sure that everyone enjoyed themselves. Under such conditions the scores were very good. We played a 27 hole aggregate and our Cup winner was Jack Rees with a score of 111½ net, he received the Cardiff Cup and an umbrella given by Mr J Clay

Our next winners were as follows:—D. H. Jones 114 net who received a blanket, G Phillips 115 net—pair of towels, D. Jones 116 net—80 cigarettes. 2nd Division—T Finch 122—pair sheets, J Beaumont 129—pair of towels, D. Keaneally 143—tankard. There was no prize for the highest score or I may have stood a chance of getting a prize. Many thanks to Mr Payne of Ransome and Mr Jones of Whitchurch Golf Club for their help in doing all the work with the cards and cash for me.

News of Members

I am sorry I did not let you know in last month's issue about Mr Geddes. He has been ill in hospital for a few weeks but I am pleased to report he is out and getting along nicely. He has retired from work now, so on behalf of members and friends we wish him a long and happy retirement, and, good health and good luck Mac.

I have not heard from Mr George Brennan for a while but I understand that he is getting on nicely. I had hoped to see him at Whitchurch but since the weather was so bad he was wise not to come out in it. So, George, from all the members, we hope to see you at the A.G.M. later on when the weather will be warmer—we hope.

Spring Tournament

BY THE TIME MEMBERS READ THIS we shall have played our Spring Tournament, and I can only hope that the weather will have been much kinder to us than it is at the moment of writing, bitter cold winds, snow and sleet showers—not a bit the kind of weather we greenkeepers wish for at this time of year, but still I am keeping my fingers crossed and hoping for the best.

New Members

We welcome to the section the following new members:—

Mr P F Partridge, Formby Golf Club,
Formby, Lancs.

Mr J Bridges, Malone Golf Club, Co.
Antrim, N Ireland.

PARKSTONE'S greens water themselves every night— automatically!



Peter Allis and the Parkstone Club leave B.O.I.L. to do their watering for them—at night when it's more convenient! Make life easier at your club and improve the quality of your turf without really trying—with Pop-up Sprinklers designed and manufactured by B.O.I.L. Write today for more details and illustrated literature and then let B.O.I.L. Pop-up Sprinklers work for you. Installation does not interfere with play



BRITISH OVERHEAD IRRIGATION LTD
SHEPPERTON MIDDLESEX SUNBURY 5177



THE SCOTTISH GOLF GREENKEEPERS ASSOCIATION

Chairman

J. K. CAMPBELL

St Andrews

General Secretary

R. B. MOFFATT

71 Kelton Street Glasgow E.2. Phone SHE 6591

Winter Lectures

I APOLOGISE FOR THE DELAY IN thanking Mr Escritt for the very interesting Lecture which we enjoyed very much. I would like to add that this is the first time Mr Escritt has been with us in Scotland since he became Director of the S.T.R.I. On behalf of all members of the S.G.G.A. I wish Mr Escritt many happy years as Director and hope to see a lot of him in Scotland.

North and Midland Social

Once again I would like to thank Mr Milton and all members of the North and Midland Section for the very enjoyable time Mrs Moffat and I had on this occasion. Again I would like to see the other two Sections having a night like this when members and their wives could meet and enjoy themselves.

Annual Tournament

The date of the Annual Tournament has now been arranged for Thursday, the 9th June 1966. It will be held by courtesy of the Committee of the Ralston Golf Club over the Ralston Course, Paisley. Entry forms will be sent to all Members.

"Open" Sweep

Once again it has been agreed to have a sweep for the "OPEN" to be played in July. Members will be sent tickets and the Committee hope they will all be sold to help the funds and keep the work of the Association going.

Membership

The Executive Committee has proposed that Section Committees send all Greenkeepers with Golf Clubs in Scotland, who are not members of the Association, a letter inviting them to join. This will mean a lot of work for the Committees and I appeal to any member who knows a Greenkeeper near him who is not a member, to ask him to join. It is only by having a strong membership that the Committee can help in the improvements and conditions for Greenkeepers. I also ask all Greenkeepers with boys under 18 years of age to have the Clubs register them with the Joint Council for Apprentices. I will be only too pleased to let you have information on the scheme.

In Memoriam

It is with regret that we learned of the death of Mrs Morris, wife of Mr G. Morris, Greenkeeper at Milngavie for many years. Mr Morris is a very old member of the Association and has served on committees. I send the sympathy of all members to Mr Morris and family

MR HERBERT MORE

It is with regret that we have heard of the death of Herbert More, indefatigable Greenkeeper of the Swanston Golf Club, Edinburgh. This is the Course he built by himself in 1927 and he has been there ever since. In 1937 he won his match (4 and 3) in the British Golf Greenkeepers International Matches but gave up playing after that because of his love for his work. A measure of his esteem is the fact that 150 people attended his funeral.

MISCELLANEOUS

PROFESSIONALS AND GREENKEEPERS having stocks of used golf balls contact Sparbrook Golf Ball Co., 295 Highgate Road, Stoney Lane, Birmingham, with a view to filling export orders.



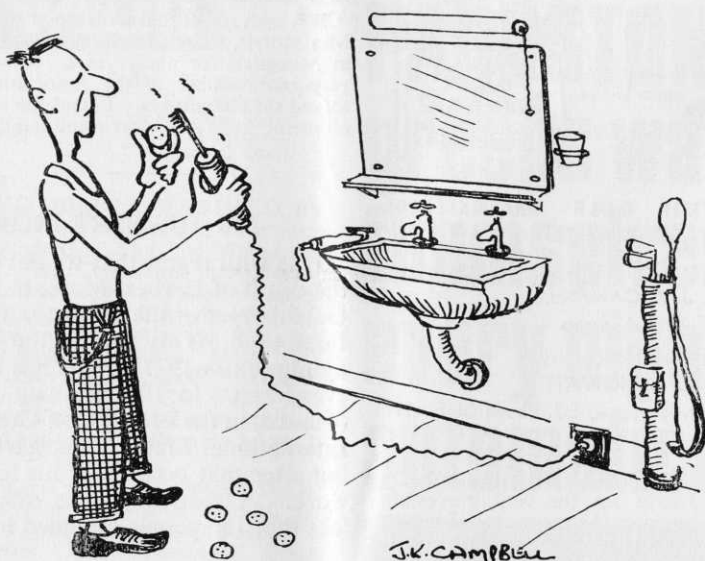
EDINBURGH

**FIBREGLASS FLAGSTAFFS
GRASS COMBS
GOLF FLAGS
AND SWITCHES**

NEW TURF SWITCH 'St Andrew'

*Metal Shaft, Fibre Glass Tip,
Length Adjustable
£4 15s. each*

**STEWART & CO.,
SEEDSMEN LTD.
EDINBURGH, 2**



APPRENTICESHIP COUNCIL ANNUAL MEETING

The annual meeting of the Joint Council for Golf Greenkeeper Apprenticeship was held at Bingley on 25th April.

It was reported that since the scheme began in January 1964, 48 apprenticeships had been registered of which three had been completed.

Reference is made in the annual report to training, which is naturally an integral part of the scheme. Apprentices receive practical instruction from their own head greenkeepers on their courses but as a supplement to this some general theoretical instruction in the background sciences, e.g., elementary botany and soil science, is regarded as essential.

The report refers also to the value of educational visits to selected trade firms and pays tribute to those which have already extended such facilities.

In certain circumstances, the report goes on, training allowance grants may be available to enable boys to become apprentices at clubs away from their homes. The report concludes that whilst some progress has been made there is a long way to go and that meanwhile retirement by a large number of key men looms ever nearer. Whilst wages are not the concern of the Joint Council it is obvious that unless clubs adopt a realistic approach to them the present dearth of recruits will continue.

Offices re-elected were Mr F W Hawtree (E.G.U representative) as Chairman, Mr John Parker (a B.G.G.A. representative) as Vice-Chairman and Mr B. M. Wood of St Ives Research Station, Bingley as Honorary Secretary

For further information on
any item please speak (or write) to
Mr B. M. Wood at Bingley 2484.

AUTOMATIC IRRIGATION AT SUNNINGDALE

COMPLETELY automatic irrigation is now in use for all 36 greens and tees at Sunningdale Golf Club.

The system, which was handed over by a British firm of irrigation equipment specialists on Saturday 30th April, will save labour, maintain turf on greens and tees in good condition in the driest weather, avoid inconvenience to players and economise in the use of water.

A short ceremony at the club, when Mr T. R. Hilton, managing director of British Overhead Irrigation Limited, presented Mr J. K. Peppercorn, club captain, with an illustrated brochure commemorating the occasion, was followed by a demonstration.

Ploughed in

The installation, also carried out by British Overhead, involved the laying by mole plough of eight miles of underground PVC water mains, siting 250 underground "pop-up" sprinkler heads and two pumps, together with electrical automatic control apparatus. Installation commenced in late January, and the new practice of laying water mains in a golf course by mole plough resulted in faster completion with little or no disturbance to players.

Says Col. Ronnie Yeldham, club secretary "It will save us the equivalent of one man's time and will be more economical in the use of water. Certainly watering will take place when we want it to and because it will take place at night it will not inconvenience players, nor be unduly affected by evaporation or wind.

"We look forward to the greens, aprons, and tees being maintained in a better condition through the use of BOIL pop-up sprinklers."

While British Overhead Irrigation Limited installed several schemes on British golf courses last year and on courses overseas before that, Sunningdale is the first of its size and importance in the U.K. to install such equipment.

Supply

Water for the scheme is extracted from the mains supply by ball-valve and stored in a 3,000 gallon galvanised steel tank.

An electric sequence controller, sited at the pumphouse, automatically starts two electrically powered 5 h.p. Grundfos CP8/100 pumps linked in parallel. Water then flows along the eight miles of rigid PVC mains to each of 36 "stations", each composed of one green and the nearest tee.

Sprinklers

Pressure then causes the BOIL Toro 612/17 "pop-up" sprinklers to rise from their below-ground position and water sectors of the greens and tees for a pre-determined length of time. Each will apply one-third of an inch of water in one hour if required. Most greens are served by four sprinklers, while tee requirements are supplied by up to three.

A BOIL 614/17 sprinkler which turns a full circle is located at the approach to each green.

Watering will be pre-set to operate at night, two "stations" at a time. If required, as much as one inch of water can be applied in one week and amounts of water to be applied to each green and tee can be individually controlled.

Mrs Greenkeeper's Own Corner

with Ann Mawson

For a light mid-day meal, how about an omelette? If possible a special pan for this purpose and wipe out with paper after use to preserve an oily surface. For a 3 to 4-egg omelette you will need a pan about 9 in. in diameter, and for 6 eggs or more the pan should be 10 in. in diameter. Eggs for omelettes should not be beaten too much, 30 seconds beating with a fork is sufficient. Avoid making the eggs too frothy by beating too long with an egg beater. Do not let the butter in the pan brown or the omelette may stick. Never mix milk with the eggs as it will make them tough. A little water (3 teaspoons to 6 eggs) will do no harm and will make it tender.

Basic Omelette

6 eggs, 1 oz. butter, 3 teaspoons of cold water, salt, pepper

Beat the eggs and water for 30 seconds, add salt and pepper. Melt the butter in the pan and pour in the eggs, when it is sizzling hot but not brown. Stir once or twice with a fork lifting the edges so that the uncooked part can run underneath. When cooked but still soft on top, turn the left side to the centre, slide the omelette to the right and turn out in three folds on to a warm plate. If you are making a smaller omelette one fold will be sufficient.

Cheese Omelette

6 eggs, 2 oz. grated cheese, 1 oz. butter, salt, pepper

Follow the instructions for the basic omelette, adding the cheese when you have poured the eggs into the pan. Fold the omelette over the cheese and serve.

Herb Omelette

6 eggs, 1 oz. butter, 1 teaspoon of mixed herbs, salt, pepper

Make the omelette as for basic, beating in the mixed herbs (dried or fresh according to the time of year) when you beat the eggs.

Ham Omelette

4 eggs, 2 oz. lean ham, 1½ oz. butter, salt, pepper

Mince the ham, break the eggs over it and add the salt and pepper, beat well. Melt the butter in the pan and pour in the eggs and ham, stir until these begin to set then fold over and serve.

Luncheon Omelette

5 eggs, 3 tomatoes, 4 oz. mushrooms, 3 rashers bacon (streaky), 1 shallot, 1 teaspoon chopped herbs, 3 oz. butter

Chop the tomatoes, bacon, mushrooms and shallot. Fry the shallot in 2 oz. butter until golden brown, then add the mushrooms and cook for a few more minutes. Add the tomatoes and bacon and fry a little longer. Make an omelette in the usual way with the other 1 oz. butter and when it is cooked put the fried mixture on the top, having stirred in the chopped herbs at the last minute. Fold the omelette over the filling and serve.

Smoked Haddock Omelette

4 eggs, 1 oz. butter, salt, pepper, 1 oz. grated cheese, 1 smoked haddock.

Chop the cooked haddock and beat the eggs into it, adding the salt and pepper. Heat the butter in the frying pan and cook the omelette, keeping the top runny. Do not fold but turn on to a flat plate. Scatter with grated cheese and brown under the grill for one minute.

Until June

FOR HIRE

SISIS AUTOTURFMAN Aerator for hire, £25 per week—Do it yourself. J B Burnell, 2 Clarence Road, Eaglescliffe, Stockton on Tees.

BUYERS' GUIDE

BUNKER DRESSER

SMALLHOLDERS UTILITIES SUPPLY CO., 183
Hammersmith Road, London, W.6.

CLINKER, ETC.

T PARKER & SONS, Worcester Park, Surrey

CONTRACTORS

GILLIAM & CO. Ltd., Purley, Surrey.
MAXWELL M. HART, Ltd., Winnersh, Wokingham,
Berkshire.
J. R. STUTT Ltd., Canford Cliffs, Bournemouth.

EQUIPMENT SERVICING

R. C. CRAIG, Ltd., 30 Aylmer Rd., London, W.12.
GROSVENOR ENGINEERING CO., Manningham,
Bradford, Yorks.
RELF & KENDALL, 406 Brighton Rd., S. Croydon,
Surrey.
T PARKER & SONS, Worcester Park, Surrey.

FERTILISERS

CANNOCK AGRICULTURAL CO., Ltd., Cannock,
Staffs.
CARTERS' TESTED SEEDS, Ltd., Raynes Park,
London, S.W.20.
FISONS, Ltd., Harvest House, Felixstowe, Suffolk.
MAXWELL M. HART Ltd., Winnersh, Wokingham,
Berkshire.
T PARKER & SONS, Worcester Park, Surrey.
STEWART & CO., Seedsmen Ltd., Edinburgh, 2.
SUTTON & SONS, Ltd., Reading.

FUNGUS CONTROL

CANNOCK AGRICULTURAL CO., Ltd., Cannock,
Staffs.
CARTERS' TESTED SEEDS, Ltd., Raynes Park,
London, S.W.20.
MAY & BAKER, Ltd., Dagenham, Essex.
T PARKER & SONS, Worcester Park, Surrey.
SUTTON & SONS, Ltd., Reading.

GOLF TEE MATS

UNIVERSAL MAT CO., Ltd., Tileyard Road,
London, N.7

GRASS SEEDS

CANNOCK AGRICULTURAL CO., Ltd., Cannock,
Staffs.
CARTERS' TESTED SEEDS, Ltd., Raynes Park,
London, S.W.20.
MAXWELL M. HART Ltd., Winnersh, Wokingham,
Berkshire.
T. PARKER & SONS, Worcester Park, Surrey.
STEWART & CO., Seedsmen Ltd., Edinburgh, 2.
SUTTON & SONS, Ltd., Reading.

GREENKEEPERS' TOOLS & COURSE EQUIPMENT

R. C. CRAIG, Ltd., 30 Aylmer Road, London, W 12.
W HARGREAVES & CO., Ltd., "Sisis" Patent
Equipment, Macclesfield, Cheshire.
H. PATTISSON & CO., Ltd., Stanmore, Middlesex.
T PARKER & SONS, Worcester Park, Surrey.
STEWART & CO., Seedsmen Ltd., Edinburgh, 2.

INSECTICIDES

CANNOCK AGRICULTURAL CO., Ltd., Cannock,
Staffs.
T PARKER & SONS, Worcester Park, Surrey.

LEAD ARSENATE

F. KEEP, Ltd., 82-84 North End, Croydon, Surrey.
T PARKER & SONS, Worcester Park, Surrey.

ENQUIRY BUREAU.—The Editor desires to point out that he will be pleased to answer enquiries from our readers, and forward to them the name and address of the manufacturer or supplier of any particular proprietary article or product used in the construction, maintenance and upkeep of a golf course. Enquiries are coming in from greenkeepers asking for such information. They may, for example, know the trade name of the article or product they wish to purchase, but may not be conversant with the name and address of the actual manufacturer or supplier. The Enquiry Bureau will gladly supply this information, and thus enable the greenkeeper to contact the manufacturer or supplier direct.

TO MANUFACTURERS.—In order that our information may be kept constantly up to date, manufacturers or suppliers are requested to forward their latest trade lists, catalogues, and any other confidential information regarding their products. By so doing the Bureau will be able to function to the mutual benefit of all concerned.

TRADE REVIEWS.—The Editor will be pleased to arrange to devote space in our editorial columns to a review of our advertisers' products, etc. Will advertisers please forward details for this purpose.

LOAMS & MANURES

T PARKER & SONS, Worcester Park, Surrey.

MOWER ENGINEERS

RELF & KENDALL, 406 Brighton Road, S. Croydon,
Surrey.
T PARKER & SONS, Worcester Park, Surrey.

MOWERS

BRADLEY'S, Leeds Rd., West Ardley, nr. Wakefield,
Yorks.
T GREEN & SON, Ltd., Smithfield Ironworks,
Leeds, 2.
GROSVENOR ENGINEERING CO., Manningham,
Bradford.
LLOYDS & CO., Ltd., Pennsylvania Works, Letch-
worth, Herts.
T PARKER & SONS, Worcester Park, Surrey.
H. PATTISSON & CO., Ltd., Stanmore, Middlesex.
C. H. PUGH, Ltd., P.O. Box 256, Acto Works,
Birmingham, 9.
RANSOMES, SIMS & JEFFERIES, Ltd., Orwell
Works, Ipswich, Suffolk.
HAYTERS (SALES) Ltd., 34 Spellbrook Lane, Bishop's
Stortford, Herts.
E. THOMAS & CO. (Oswestry) Ltd., (Dept. S.6)
Whittington Rd., Oswestry, Shropshire.

SEA SAND

T PARKER & SONS, Worcester Park, Surrey.

SPRAY EQUIPMENT

T PARKER & SONS, Worcester Park, Surrey.
PRESSURE JET MARKERS Ltd., 152 The Arches,
Stamford Brook, London, W.6.
B.O.I.L. RAIN SYSTEMS, Upper Halliford, Shepper-
ton, Middlesex.
F. W. BERK & CO., Ltd., Berk House, 8 Baker Street,
London, W.1

TRACTORS

T GREEN & SON, Ltd., Smithfield Ironworks,
Leeds, 2.
W HARGREAVES & CO., Ltd., "Sisis" Patent
Equipment, Macclesfield, Cheshire.
T PARKER & SONS, Worcester Park, Surrey.
H. PATTISSON & CO., Ltd., Stanmore, Middlesex.

TURF AERATING APPLIANCES

W HARGREAVES & CO., Ltd., "Sisis" Patent
Equipment, Macclesfield, Cheshire.
T PARKER & SONS, Worcester Park, Surrey.
H. PATTISSON & CO., Ltd., Stanmore, Middlesex.

WEED CONTROL

MAXWELL M. HART, Ltd., Winnersh, Wokingham,
Berkshire.
MAY & BAKER, Ltd., Dagenham, Essex.
T PARKER & SONS, Worcester Park, Surrey.

WEED CONTROL SPRAYING

T PARKER & SONS, Worcester Park, Surrey.

WORM KILLER

CARTERS' TESTED SEEDS, Ltd., Raynes Park,
London, S.W.20.
MAXWELL M. HART Ltd., Winnersh, Wokingham,
Berkshire.
T PARKER & SONS, Worcester Park, Surrey
SUTTON & SONS, Ltd., Reading.

Parkers get down to grass roots

AND ALL PROBLEMS INCLUDING ARTIFICIAL SURFACES

The Parker service to grass is the most comprehensive of its kind. No less than 44 varieties of grass seed. Fertilisers, loams, weed and worm killers to maintain the turf in first rate condition. The finest stock of equipment in the country from rakes to leaf sweepers, mowers to sprayers. Ground accessories for every sport. An advisory panel which thrives on complex problems.

But we are just scratching the surface. Do write for our 88 page brochure—it tells you everything about us.

Netting in association with Proctor Nets Ltd



**T Parker & Sons (Turf Management Ltd) Dept BGG/56
Worcester Park, Surrey 'phone: DERwent 7791 (6 lines)**

Please send me your brochure. I am particularly interested in: (tick in box)

- | | | | |
|---------------------------|--------------------------|-------------------------------|--------------------------|
| VERDANT GRASS SEED | <input type="checkbox"/> | PERFECTO GOLF EQUIPMENT | <input type="checkbox"/> |
| SISIS AERATION | <input type="checkbox"/> | ROLLERS | <input type="checkbox"/> |
| VERDANT FERTILISERS | <input type="checkbox"/> | NETS AND NETTING | <input type="checkbox"/> |
| GRASS CUTTING | <input type="checkbox"/> | TRACTORS | <input type="checkbox"/> |
| LEAF SWEEPERS | <input type="checkbox"/> | WATERING ACCESSORIES | <input type="checkbox"/> |

NAME

ADDRESS