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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
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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.

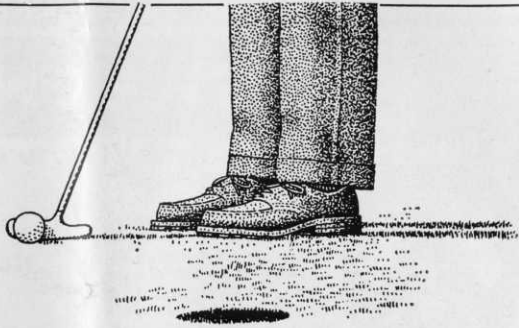
MAY

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

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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.

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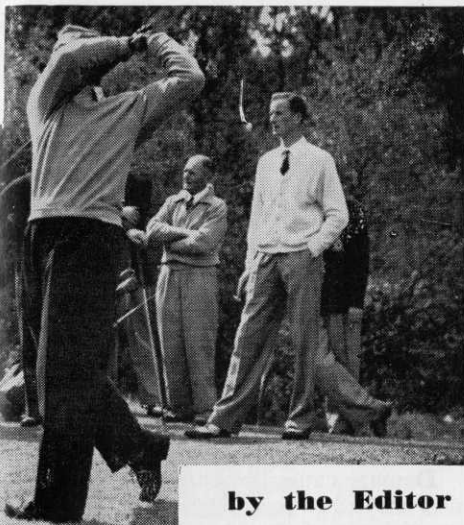
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TEE SHOTS



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:

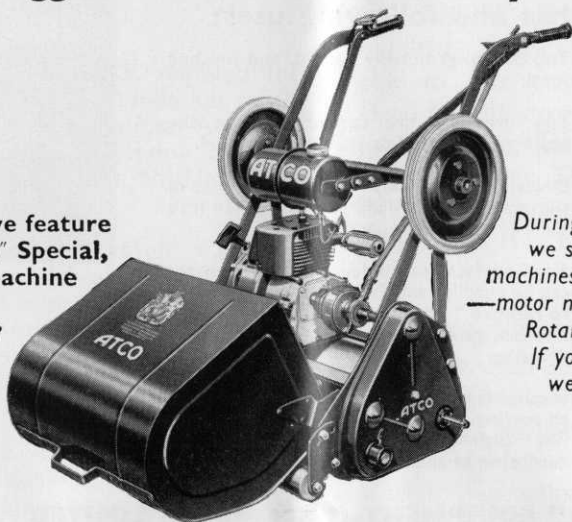
TRUE VALUE

LONG trouble-free LIFE

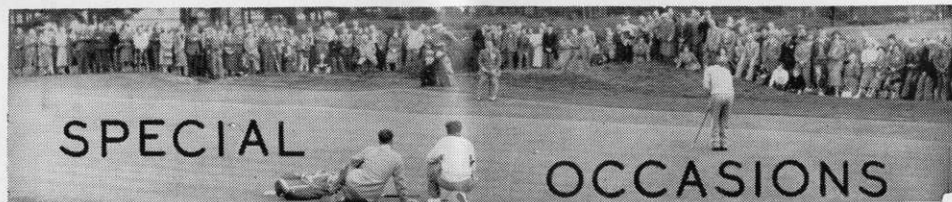
No need for us to extol the individual virtues of our mowers. ATCO has been synonymous with quality for over forty years. All this experience and all our advice is yours for the asking. Our wide range of grass-cutting equipment for every purpose is matched only by ATCO's unique nationwide servicing arrangements.

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.

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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.



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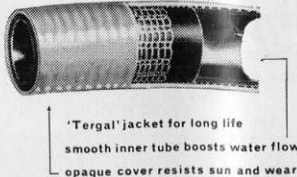
'Supplex' Sprinkler

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

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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.

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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.

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