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GREENKEEPER

HON. EDITOR: F. W. HAWTREE.



FOUNDED 1912.

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

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

No. 218 New Series
MAY 1963

The first young man on the tee wiggled, waggled and took what seemed a dozen practice strokes.

"Why don't you hit it?" suggested one of his group, a trifle impatiently.

"It's been a long time since I've played," the first golfer replied, "and it may be a long time before I play again. I just want to savour it a little."

"GOLF DIGEST."

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EDITORIAL AND ADVERTISEMENT OFFICES: Addington Court Golf Club, Featherbed Lane, Addington, Croydon, Surrey. Telephone: SANDERstead 2690. 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.

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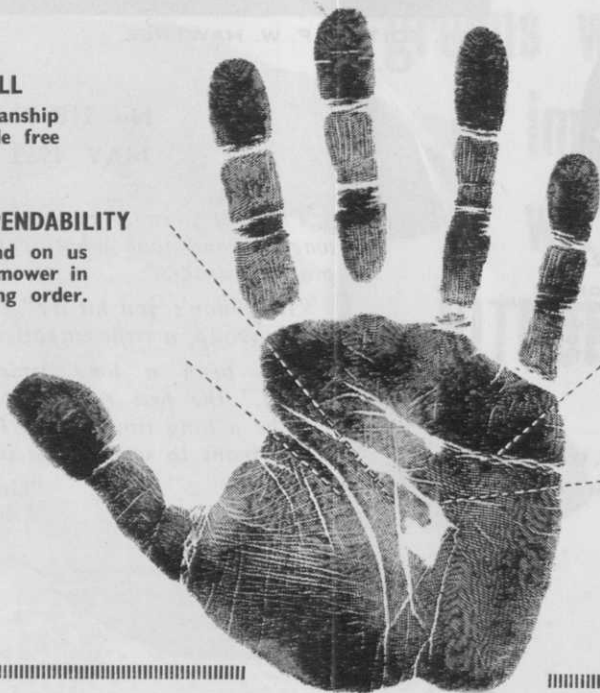
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TEE SHOTS



by the Editor

Apprenticeship Joint Council Meets

THE first meeting of the Joint Council for Golf Greenkeeper Apprenticeship took place at Bingley on the 8th April. Representatives of the Scottish Golf Union, the Welsh Golfing Union and the S.T.R.I. met greenkeepers' representatives from England, Wales and Scotland and got down to final details of the draft scheme prepared about this time last year. Next meeting will be in October and meanwhile it is hoped to get Ministry approval, booklets prepared for Youth Employment Officers, with an Employers' Guide, Syllabus, training facilities and all the other aspects dealt with. A lot to cover in a short time, starting from scratch, but if the enthusiasm of the meeting is any guide, we should see something material before the end of the year.

* * *

Golf du Prieuré

The newest Paris golf club will have a 12th Century Priory as a club house. Two 18-hole courses are planned and work will start on the first one this month. Championship length and club house luxury will give the project a standing amongst Europe's best and so long as there are more golfers than clubs can accommodate, there seems to be no problem in starting a scheme on this scale. A No. 1 greenkeeper will be wanted soon. Anyone interested? The site is in the heart of the country but only about three-quarters of an hour from the Eiffel Tower by the autoroute. Considerably less if you happen to be driving there with Monsieur Cuvelier, the young Paris businessman who is launching the project.

* * *

Glasgow to Palma

We were glad to find Ed Maule safely installed in Majorca with his family. Clive, the younger son, is assisting his father on the golf course. His elder son is studying Spanish and will take an office job. Mrs. Maule had the misfortune to slip and sprain her ankle soon after arrival, in spite of practice on slippery Glasgow pavements in the early part of the year.

Many Southern Section members will remember Ed Maule from his spell at Hadley Wood before he went to Prestatyn. He learnt his golf at Gullane, where he changed over from left to right handed play and got down to scratch in a quick eighteen months.

For those who missed it in the April "Golf Monthly", we reprint this article here with grateful acknowledgments.

Greenkeepers

—A New Deal

by A CORRESPONDENT

GOLF, like a fruit machine gone berserk, is currently pouring out the jackpot to anyone who bothers to pull the handle. Clubs, by virtue of mass patronage, enjoy the financial ramifications of full membership though suffering the minor encumbrance of fairway traffic problems. Club professionals, toiling from dawn till dusk on the uninitiated, and subsequently off-loading sets of clubs and trappings, have about them a full-bellied prosperous air. Their tournament counterparts face a season laden with spoils in the region of £80,000. The tragic irony of the whole gilt-edged merry-go-round is that the men who work the handle—who make the whole thing possible—are still waiting their turn for a ride; or rather, a fair deal from the golf boom which they so very largely help to sustain. They are the greenkeepers.

* * *

The craft faces something more than the germ of a crisis. It is suffering from a sizeable leak which began as a slight seepage a few years back when a handful of disgruntled greenkeepers here and there drifted into industry. Latterly the flow has become more pronounced and the "situations vacant" columns of golf magazines have ominously thickened with requests for greenkeepers.

Recruitment to the craft turned out to be nothing more than a trickle. A census of members in the British Golf Greenkeepers Association, an institution which cannot boast of allegiance from every greenkeeper but nevertheless represents a cross-section, showed that half of them were the top side of middle age and a

considerable proportion of the remainder were somewhere near it. Greenkeeping had become a top-heavy craft in one respect with insufficient successors to carry on where the present generation leave off. The situation is steadily worsening and it does not require much imagination to foresee what damaging effect this state of affairs could have on British golf if it is allowed to develop unchecked.

There are multiple reasons for this critical state, not least of which is the greenkeepers' inability, or characteristic reluctance, to form themselves into a formidable national unit capable of extracting from golf's hierarchy and the Government a standard of wages and working conditions attractive enough to retain men of talent. Such an idea might not only seem anarchistic in concept but also totally unworkable for clubs who can ill-afford extra expense. However the threat of a meteoric rise in greenkeepers' wages may become inevitable as good men become scarce and in a position to accept the highest bidder.

* * *

Greenkeeping is not officially recognised by the Ministry of Labour as a skilled trade in the fashion of carpentry, butchery, pattern-making and like crafts. The reason for this would seem in part that greenkeeping possesses no formal apprenticeship scheme. This means that an occupation which demands a working knowledge of botany, biology, meteorology, labour management, agricultural and mechanical engineering, basic farming and diplomacy (for use with obtuse Greens Committees) goes under the

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vague official classification of "groundsmen"—although a man in a Labour Exchange would know the difference.

When a greenkeeper talks terms with prospective employers he has to rely on a wage table set out by the National Association of Groundsmen whose economists could not have envisaged—and why should they?—the amount of special work that befalls a golf greenkeeper. The Association has recommended a 42-hour week with two weeks paid holiday after twelve months. It suggests time and a half for overtime and double time on Sundays. A groundsman's wage (with accommodation) should, it suggests, vary between £13 and £15 10s. according to his staff. Without accommodation he should expect between £14 10s. and £16 10s. a week. Junior assistants at the age of fifteen should receive £6 rising to £10 15s. at the age of 20.

* * *

There can be no mistake about the cause of the greenkeeper drift. It has been the result of cold hard cash; or rather, the lack of it. A man can get more money for less hours and responsibility away from the golf course. The immediate remedy would be a general rise in the level of greenkeepers' wages so that they become viable—plus "perks"—with jobs outside the sport. But the greenkeepers at present are in no position to force such a solution on reluctant clubs and it is very doubtful whether they would have a mind to do so.

The other remedy is long-term and involves a certain amount of financial effort on the part of clubs; probably just as much as would be taken up by all-round increases for existing staffs. It does however provide a warranty for the future. It is in fact the introduction of an apprenticeship scheme which, among other benefits, would give to the craft official status from the Ministry of Labour departments. The timing of such a scheme could be perfect for it comes during a period when the post-war "bulge" of school children is on the threshold of job-hunting. It also coincides with the Government's decision to back any scheme devoted towards the

training of the young. Indeed the Government has declared its intention of taking powers to compel laggard employers to do more towards technical training for the young. A Ministry of Labour official says; "The time would now be right for a plan for apprentice greenkeepers to be accepted."

* * *

Such a plan has in fact been formulated and already received approval in principle from the English Golf Union, the Welsh Golfing Union, and the Scottish Golf Union. Its architect is Mr. F. Hawtree whose father founded the Golf Greenkeepers Association some fifty years ago as "a medium for the exchange and development of knowledge and traditions in the practice of the craft." Mr. Hawtree adds the rider, "today a wider range of action is needed if that practice is to endure."

The scheme envisages a three-years' apprenticeship plus six months which a young entrant would serve initially in a probationary capacity. During this time he would learn basic green-keeping from a club while carrying out normal routine duties. He would also be released during the week to attend day classes at local centres—not as difficult as it would seem because the syllabus proposed falls closely into line with that of the horticultural scheme already in existence and taught at many technical institutes. He would also be released for a half-day each week to attend trade centres or other courses to study soil variations. In the final year, he would be allowed to attend an autumn or spring course at the Sports Turf Research Institute.

* * *

Such a scheme would be surprisingly cheap to set in motion. The Sports Turf Research Institute has the background and tradition to play a major role and is reported to be willing to do so. Its experts are, for instance, prepared to set forth a syllabus in collaboration with interested golf parties. It might be pointed out that most golf parties likely to be interested already serve on the Board of Management of the Institute in the normal course of things. It is said to

be willing to take over the paper work attached to the scheme including the registration of apprentices.

A Joint Council, suggests Mr. Hawtree, would have to be established among golf organisations. This Council would have no jurisdiction over clubs with regard to payments of apprentices but could be called in to settle disputes. Its main concern would be general policy.

Although the apprenticeship idea has thus far been greeted with hallelujahs from the hierarchy, it is likely to meet with opposition at club level. The favourite objection will be that clubs would not be prepared to foot the bill for training (they would be responsible for an apprentice's travel and tuition); greenkeepers are too busy to give adequate training to others; and no club wants to spend four years' money on an apprentice who may very well leave them as soon as he qualifies.

* * *

Mr. Hawtree says, "There is some truth in all these statements but it is not unreasonable to assume a proportion of golf clubs are willing to look beyond immediate advantage," although he does point out that even if wages are small "at least there may be hope of recruiting a few young men through the training which an organised apprenticeship gives." He stresses that his plan is only an outline although he has produced concrete examples of the way the scheme could fit in with existing technical institutes.

If there is one flaw in this otherwise admirable scheme it is that it slinks away from talking money. The Golf Greenkeepers Association goes no further than a timid plea that clubs make a "constant review." Mr. Hawtree is in the same camp but for different motives. He suggests, "to recommend a wage scale in conjunction with an apprenticeship scheme might well antagonise golf clubs and halt progress." Yet a greenkeeper of the type envisaged by the scheme will want more assurance of his financial future; at least viable recompense for his qualifications and talent. Perhaps if golf clubs had faced this fact some years ago the game would not now find itself on the brink of a crisis.



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JIM BRIDGES HONOURED

Malone Golf Club,
Dunmurry,
Belfast.
22nd April, 1963.

Dear Sir,

I have been instructed to inform you that at the last Annual General Meeting of this Club, the Head Greenkeeper, Mr. Jim Bridges, was unanimously elected as an Honorary Member, for very long and valued services to the Club in general, and for the construction of the new Course in particular.

Yours faithfully,

W. J. DUNKERLEY,
Secretary.

Jim Bridges has been 17 years with Malone. He is the man who has whipped the club's new course of 250 sprawling acres into shape in just over two years.

"In another two years this will be one of the finest inland courses in the British Isles," he stated, "that's not boasting—that's fact. I've seen them all and this course is about the best."

Converting the rolling farmland into golfing country has not been an easy job—but it has been a satisfactory one. "It's been backbreaking work and it's not finished yet," he said. "I had a team of 24 men with me at the start—that's cut down to 11 now. But I'll get a lot of satisfaction out of just looking at it when the job's completed."

He comes from a long line of scratch golfers. And his father, the famous Tom Bridges, has been greenkeeper at Hoylake for 35 years.

Jim's big ambition at one stage was to be a professional golfer. "I was a scratch golfer when I was only 18. And if I had my life to live over again I'd still want to be a golfer," he said.

With plenty of work still to be put in on the course Jim rarely gets a chance to play much golf nowadays. But he has already picked out his favourite hole—the 11th. "It's a short hole, picturesque—and a real golfer's hole. One day you might play it with a two iron, the next day it would take a seven. I think it's the one I like best."

The 11th is one of two holes on the course to have been aced since the course was opened just over two years ago.

ALEX TONER.

Reprinted from "The Northern Whig & Belfast Post", 12th April, 1963.

Sutton's Spring News

The Spring Number of Messrs. Sutton's "Turf for Sport" has reached us with their 1963 list of turf dressings and equipment. The magazine has a useful article "Coarse Grasses" by William Moore, one of the firm's well-known grass specialists, and frequent illustrations add to its interest. The Editor, Mr. Martin A. F. Sutton, F.L.S., F.R.S.A., contributes an article on the use of the brush on turf and there are snippets about Lichen and some of Sutton's many activities abroad and at home.

We learnt only a week or two back that Mr. Martin Sutton had been in hospital and all readers will join us in wishing him an early return to good health and full activity.

S.T.R.I. Board Meets

The twelfth Annual General Meeting of The Sports Turf Research Institute was held at the St. Ives Research Station, Bingley, on Monday, 8th April, under the chairmanship of Mr. Alan Sowden.

In the annual report—which was adopted—reference was made to the research programme of the past year. This included a continuation of top dressing experiments, long range fertilizer trials and the effects of controlled liming of turf. Experiments with herbicides were started, variety trials (seeds) were continued and new fungicides were explored. Of particular interest was the laying down of a number of trial strips of porous materials as used for running tracks and all-weather pitches. Further investigations will be conducted into the physical properties of these materials.

New Catalogue

Messrs. T. Parker & Sons' new catalogue has just reached us and will form a useful addition to any greenkeeper's reference library. Photographs and prices of standard mowers, sprayers, tractors, and all kinds of useful equipment and accessories make it a comprehensive review of tools for the greenkeeper's job.

We suggest readers write to Messrs. Parkers at Worcester Park to obtain their own copy of this sixty-eight page book.

Apology

We regret that in last month's article about the demonstration of Ransomes Mowers, it was not made clear that the demonstration at Park Royal and also one at Motspur Park were, in fact, at the express request of and sponsored by the four London Main Distributors of Ransomes.

We ask Messrs. Relf & Kendall of Croydon, Messrs. J. Gibbs of Bedford, Messrs. T. Parker & Sons Ltd. of Worcester Park and Messrs. Huxleys Agricultural Machinery Co. Ltd. to accept our apologies.



MAY

- 7th Northern Section, Spring Tournament, Woodsome Hall, Huddersfield Golf Club.
 9th Scottish Golf Greenkeepers' Association (East Section) Annual Competition, Dunbar Golf Course.
 13th North West Section, Spring Tournament, Sale Golf Club.
 14th Scottish Golf Greenkeepers' Association (North and Midland Section), Annual Golf Tournament for the Georgie McLean Trophy, Old Course, St. Andrews.
 15th Southern Section, Spring Tournament, Thorndon Park Golf Club.
 16th North East Section, Spring Meeting, Hartlepool Golf Club.
 28th East Midland Section, Spring Tournament, Derby Golf Club.

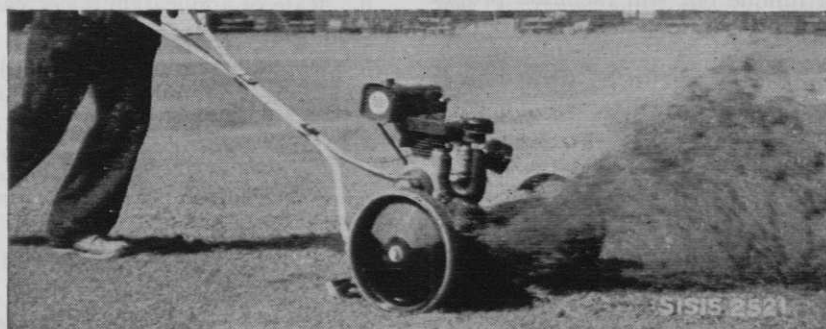
JUNE

- 11th Midland Section, President's Match, Handsworth Golf Club.
 12th Southern Section, Annual General Meeting, Talbot Restaurant.
 27th Scottish Golf Greenkeepers' Association Annual Golf Outing, Prestonfield Golf Course, Edinburgh.

AUGUST.

12th, 13th
and 14th

Annual General Meeting and Annual Tournament, Royal Birkdale Golf Club.



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HERBICIDE EQUIPMENT CALIBRATION

By Dr. J. R. Orsenigo

WILL "Weedkiller Super Z" control the weeds in your turf? It will if you have taken two correct steps. *First:* Selection of the proper chemical for the particular turf-grass and weed problem. *Second:* Accurate application of the right amount of chemical at the right time in the right way in the right place.

The effectiveness of any chemical can be reduced markedly by misapplication. The wrong weed killer, or faulty application, can cause turf injury or poor weed control.

Accurate calibration is the key to applying the right amount of chemical weed killer. The procedures listed below are not unique but will facilitate proper calibration of both dry and liquid chemical applicators. It is desirable to calibrate on the terrain to be treated since errors are common when equipment is calibrated on paved roadways.

Equipment should not be ignored after calibration. Repeated periodic "calibration checks" will ensure accurate application.

The remainder of this article discusses basic but practical essential suggestions for calibration of A. Dry materials and B. Liquid Materials.

A. CALIBRATION FOR DRY MATERIALS

Table 1.—Preferred General Procedure

1. Adjust delivery openings on applicator at estimated or approximate setting and fill hopper with a weighed amount of chemical to be applied.
2. Set tractor or unit speed as it will be operated in field.
3. Operate unit over a measured course of several hundred yards in field: the dry chemical can be collected by suspending a trough or pan beneath the delivery openings.

4. Weigh the amount of chemical remaining in the hopper and calculate the amount of dry chemical applied as follows: Original chemical loaded in hopper minus chemical remaining in hopper equals amount of chemical applied.

5. Calculate area treated: Width of applicator swath times distance covered equals area of measured course in square feet.

6. From 4 and 5 calculate amount of dry chemical applied per acre as follows:

$$\text{Lbs. per acre} = \frac{43,560 \times \text{lbs. applied over course}}{\text{area of measured course in sq. ft.}}$$

This value will be lbs. per acre of formulated chemical applied. To determine amount of active ingredient applied, multiply lbs per acre by percent active concentration and divide by 100, as follows: Lbs. per acre active =

$$\frac{\text{lbs per acre formulated chemical} \times \% \text{ act.}}{100}$$

7. Rate of application is increased by wider delivery openings.

8. Rate of application is decreased by narrower delivery openings.

9. Complete calibration by adjusting unit and testing until desired quantity of material is applied.

Example: A dry chemical applicator is 10 feet wide. When driven over a distance of 435 feet it distributed 20 lbs. of chemical at a given delivery opening.

$$\text{Lbs. per acre} = \frac{43,560 \times 20 \text{ lb.}}{10 \text{ ft.} \times 435 \text{ ft.}} = 200 \text{ lb./A formulated chemical.}$$

If the active ingredient concentration was 20 per cent, the rate of active material applied per acre was:

$$\text{Lbs. per acre active ingredient} = \frac{200 \text{ lb.} \times 20\%}{100} = 40 \text{ lb./A active.}$$

Table 2.—Alternative Procedure

1. Adjust delivery openings on applicator to estimated or approximate setting and fill hopper with a weighed amount of chemical to be applied.
2. Jack up applicator so that wheels do not touch the ground. Tie a piece of cloth (or paint) to one spoke of wheel.
3. Place a piece of canvas or sheet metal under the delivery openings to catch the chemical when it is dispensed.

4. Open shut-off control to permit the chemical to flow and make 43 complete revolutions of the drive wheels.

5. Shut off flow from hopper and weigh the chemical delivered during the 43 drive wheel revolutions.

6. Calculate the amount of chemical discharged on a per acre basis with the following formula :

$$\text{Lbs. per acre dry chemical} = \frac{\text{Lbs. discharged} \times 1000}{\text{Spreader width (ft.)} \times \text{wheel circumference (ft.)}}$$

This value will be lbs. per acre of formulated chemical applied. To determine amount of active ingredient applied multiply lbs. per acre above by per cent active concentration and divide by 100, as follows :

$$\text{Lbs. per acre active} = \frac{\text{Lbs. per acre formulated chemical} \times \% \text{ act.}}{100}$$

7. Rate of application is increased by wider delivery openings.

8. Rate of application is decreased by narrower delivery openings.

9. Complete calibration by adjusting unit and testing until desired quantity of material is applied.

10. Check calibration by observing amount of chemical applied to a field of known acreage.

Example: A dry chemical applicator is jacked up and the drive wheel is turned through 43 complete revolutions. The wheel circumference is 9 ft. and the spreader width is 8 ft. The chemical delivered in 43 wheel revolutions is 20 lbs.

$$\text{Lbs. per acre dry chemical} = \frac{20 \times 1000}{8 \text{ ft.} \times 9 \text{ ft.}} = 277 \text{ lb./A.}$$

If the chemical contains 20 per cent active ingredients :

$$\text{Lbs. active ingredients per acre} = \frac{277 \times 20\%}{100} = 55.4 \text{ lb./A.}$$

B. CALIBRATION FOR LIQUID MATERIALS

Table 3.—Sprayer Calibration: General Procedure

1. Adjust nozzles, pressure and tractor speed as they will be operated in field.

2. Fill herbicide tank with water.

3. Operate unit as in number 1 above and spray water over a measured course of several hundred yards in field.

4. Determine amount of water required to refill tank to replace that sprayed over measured course.

5. Calculate area sprayed: Width of boom coverage times distance sprayed equals area of measured course in square feet.

6. From 4 and 5 calculate amount of water applied per acre as follows :

$$\text{GPA} = \frac{43,560 \times \text{gal. sprayed over course}}{\text{area of measured course in sq. ft.}}$$

7. Gallons of spray applied per acre can be decreased by: smaller nozzle tips, less spraying pressure, or faster unit speed.

8. Gallons of spray applied per acre can be increased by: Larger nozzle tips, higher spraying pressure, or slower unit speed.

9. Complete calibration by adjusting and testing unit until it applies desired gallons per acre: Then, add desired quantity of herbicide per acre to amount of water sprayed per acre by the unit.

Example: A sprayer covers a swath 10 ft. wide. When driven over a distance of 435 ft. it sprayed 2 gal. of solution at the operating speed, pressure and nozzle size.

$$\text{Gal. per acre} = \frac{43,560 \times 2 \text{ gal.}}{10 \text{ ft.} \times 435 \text{ ft.}} = 20 \text{ gpa.}$$

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Table 4.—Herbicide Sprayer Calibration Table: Brush Boom for Broadcast Spraying

To use this Table: Have sprayer equipped with proper nozzle tips and with tips, tractor speed and spraying pressure adjusted as for field operation. Then, operate unit in field and collect spray liquid discharged by several nozzle tips over a measured distance of 300 ft.

Average quantity of liquid sprayed per tip in Ounces. Locate this figure in left-hand column of table and read directly the gallons per acre rate under the nozzle spacing column for your boom.

	<i>Amount of Spray Delivered by one Nozzle in 300 ft.</i>	<i>Gals. per acre applied at Nozzle spacings of:</i>		
		<i>15 inches</i>	<i>18 inches</i>	<i>21 inches</i>
	<i>ounces</i>			
	8	7.3	6.1	5.2
	10	9.1	7.6	6.5
	12	10.9	9.1	7.8
	14	12.7	10.6	9.1
PT	16	14.5	12.1	10.4
	18	16.3	13.6	11.7
	20	18.2	15.1	13.0
	22	20.0	16.6	14.3
	24	21.8	18.2	15.6
	26	23.6	19.7	16.9
	28	25.4	21.2	18.2
	30	27.2	22.7	19.5
QT	32	29.0	24.2	20.8

EXAMPLE: When run down the field at operating speed and pressure a sprayer has an average nozzle tip delivery of 26 ozs. of solution in 300 ft. Nozzles tips are spaced 18 inches apart on the boom. The gals. per acre rate is found in the 18 in. column opposite 26 ozs.: 19.7 gpa.

Table 5.—Reduced Dosage Table for Application of Herbicides to Small Areas

Label concentration in active ingredient or acid equivalent *Quantity of liquid herbicide product to add to 1 gal. of water to treat 1,000 sq. ft. at rate of 1 lb./acre*

<i>Per cent.</i>	<i>Pounds/gal.</i>	<i>Ounces</i>	<i>c.c. or ml.</i>	<i>Tablespoons</i>
5	0.5	6.2	174	12.5
10	1.0	3.1	87	6.2
20	2.0	1.5	43	3.1
30	3.0	1.0	29	2.1
40	4.0	0.7	22	1.5
50	5.0	0.6	17	1.2
60	6.0	0.5	14	1.0

To apply $\frac{1}{2}$ lb./A rate use one-half the amounts shown in table. To determine quantity of herbicide for rates greater than 1 lb./A multiply the desired rates times the amount shown in the table for the given concentration.

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

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Main laying by Mole Plough. A method of special interest to golf clubs due to the small surface disturbance.



Laying Chemidus 3000 uP.V.C. 3 ins. pipe by mole plough in heavy Oxford clay for the West Wilts. Water Board at Wincanton recently. The 3 ins. Chemidus pipe is attached to the 6 ins. expander by means of a collar adaptor. The mole plough blade was set at a depth of 3 ft., and a 200 yd. length of plastic pipe was drawn underground from a prepared entrance. The blade of the mole plough can be seen at the top of the picture.

(Photo.: Pressmark Ltd.)

News



from the Sections

MIDLAND

By F. Cashmore

Chairman:
G. HART
(Gay Hill)

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

Spring Tournament

THE WEATHER WAS VERY UNKIND to us at Streetley on 4th April. We had a heavy snow shower in the morning and afternoon. Only six players failed to finish the 36 holes, which was very good considering the weather, but the condition of the course was remarkable in view of the fact that a month before it was under frost and snow. Our entry was down on last year, only 20, and results were as follows:—

Best Nett, Ransome Challenge Cup and Coffee Percolator, T. Jones, 153; Best Gross, Sutton Challenge Cup and Set of Carvers, G. Woodward, 162; 2nd Nett, Golf Umbrella, A. Boraston, 154; 3rd, Kitchen Scales, R. Pugh, 154; 4th, Garden Shears, E. Walford, 156; 5th, Cruet, B. Powell, 158; 6th, Pullover, E. Benbow, 161; 7th, Bread Board and Knife, K. Webb, 162; 8th, Bottle of Whisky, W. J. Handy, 163; 9th, 1 doz. Forsums, A. C. Jones, 164; 10th, Golf Bag, V. Smith, 166; 11th, $\frac{1}{2}$ doz. Sixty-Fives, W. Machin, 171; 12th, Set of Table Mats, D. Haynes, 175; Over fifties prize, Leg of Pork, R. Pugh; Best 9 holes, morning: T. Jones, 35 Nett; 2nd at any hole: B. Powell, G. Woodward, A. Boraston,

2 Sixty-Fives. Visitors, R. Parker, 80 Nett, 4 Sixty-Fives; B. Baxter, 83 Nett, 2 Sixty-Fives.

The prizes were presented by the Captain of the Sutton Coldfield Golf Club, Mr. C. Hope, who was introduced by our President, Mr. Carl Bretherton. The Captain said how pleased they were to have us at Streetley and spoke very highly of Jack Toy, who had been with the club for 48 years. Owing to the absence of our Chairman and Vice-Chairman, I thank the Sutton Coldfield Golf Club for allowing us the courtesy of their course and clubhouse and for the prizes that the Chairman, Captain, Match Captain and Mr. Holt and Mr. Alger, Committee Members, donated, the indoor staff for the splendid meals they gave us and for making us feel welcome, Jack Toy and his lads for the condition of the course after the severe winter, Bill Payne for coming and doing his usual chores, our visitors and trade representatives who came and joined us and the donors of the many prizes, which were: Messrs. Ransomes, Sutton & Sons, W. Hargreaves & Co., Sparbrook Golf Ball Co., Fisons Ltd., Carters Tested Seeds, Mitchel & Butters, Lunevale Products, F. W. Lees & Sons, Cannock Agricultural Co., Hilton Gravel Co., E.T.B. Mower Services, Parker & Ballenger Ltd., Ludor Mower Services, Mr. J. W. R. Robinson, Mr. Len Price, Mr. Carl Bretherton, Mrs. Bretherton, and officials of the Sutton Coldfield Golf Club.

I had a letter from Stewart Christie, who has been at the Dudley Golf Club, to say that he was leaving to take up the job at the St. Pierre Golf Club, Chepstow, on 8th April. He has not been in the Midlands long, but has been a keen supporter of all our activities during that time and we wish him the best of luck in South Wales.

I also had a letter from C. Woodhouse, Head Greenkeeper at the South Staffs Golf Club. He has had an operation on his foot last December and has not yet returned to work. We hope that he will soon be fit again.

SOUTHERN

By W. Mason

Chairman:
J. K. GLASS
(Thorpe Hall)

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

THE ANNUAL GENERAL MEETING will take place at the Talbot Restaurant on Wednesday, 12th June, at 7-0 p.m.

I was pleased to hear that the dinner on Friday, 29th March, went off very satisfactorily.

May I take this opportunity of thanking all members for their kind remarks and good wishes for my recovery. I am pleased to say that I am going on very nicely.

Thanks to our President, Mr. F. Chambers and his Society of London Golf Captains, we have again received a cheque of fifty-two guineas.

We welcome to our Section two new members:

E. R. Brown, "Iona", Farm Lane, Seer Green, Beaconsfield, Bucks.

D. Crude, 8 Berkeley Avenue, Bexley Heath, Kent.

WELSH

By S. A. Tucker

Chairman:
M. GEDDES
(Royal Porthcawl)

Hon. Secretary:
36 Clase Road,
Morrison,
Swansea, Glam.

OUR SPRING MEETING WAS HELD at the Clyne Golf Club by kind permission of the Captain and Committee on 3rd April, 1963. We were very lucky in having a fine day, with a steady breeze blowing. By playing nine holes before lunch and 18 after, we had a 27 hole aggregate and there were some very good cards returned. Jack Martin took the President's Shield and a Coffee Percolator given by Messrs. Ransomes, Sims & Jefferies, with a score of 110. The second prize, a Cigarette Lighter given by H. Pattison, went to D. P. Robinson with a score of 113.

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There was a tie for third place between G. Brennan, D. H. Jones and D. Jones, all with a score of 114. On the score of the last nine holes, D. Jones won third prize, a shopping bag, and G. Brennan won fourth prize, a parcel of fertiliser given by Shell Chemical. There was a special prize for over 20 handicap of a Silver Pencil given by May & Baker, which was won by J. Davies with a score of 134. Many thanks to the Clyne Golf Club and to all concerned in making our day a very pleasant one.

Summer and Annual General Meeting

I have not yet got the date for the General Meeting, which will be held at Southerdown Golf Club, but I will notify all members as soon as I have it at hand. Please make a special effort to attend this meeting and bring your subs with you, as they will be due, and it will save you and Mac a lot of time in writing and posting.

NORTHERN

By J. Parker

Chairman:
G. W. MASON
(Halifax West End)

Hon. Secretary:
8 Goit Stock Terr., Harden,
Bingley, Yorks.

Subscriptions

MEMBERS ARE REMINDED THAT subscriptions for the year 1963/64 are now due and prompt payment would be much appreciated. Once again members are asked to contribute a further 1/- to meet the increased cost of journal postages.

Sheffield Match

The Annual match versus Sheffield Section will be played over the course of the Fulford Golf Club, York (by kind permission of the Committee) on Tuesday, 17th September, 1963.

March Lecture

The last lecture of the winter session was held on Tuesday, 19th March, at the Old Queen's Head, Bingley. Nearly forty members turned up to hear a most interesting talk by Mr. H. Ledgate, B.Sc., Chemist at the S.T.R.I., on "Recent Developments in Greenkeeping". Mr. Ledgate dealt with the work going on with worm-killers, fertilisers and weed-killers. Following the talk, the speaker ably dealt with questions put to him by members.

A vote of thanks was proposed by Mr. G. Mason, Chairman, and heartily endorsed by members.

New Members

We welcome to the Section the following two new members:

J. M. Hannan, 23 Lingfield Hill, Moortown, Leeds 17 (Moorallerton Golf Club).

S. A. Mayhew, 97 Danebury Drive, Acomb, York (Fulford Golf Club).

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EAST MIDLAND

By **S. T. McNeice**

Chairman:
D. G. WHITEHEAD
(Wollaton Park)

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**40 Edward Road,
Clarendon Park, Leicester**

Spring Tournament

THE SECTION TOURNAMENT IS being held on Tuesday, 28th May. Will competitors please note that this will be held at the Derby Municipal Sinfen Lane Course.

The Tournament will be over 18 holes, Medal Play, commencing 1.0—1.30 p.m. For those who require them, arrangements are being made for sandwiches to be obtained before play commences. The usual High Tea will be put on after completion of the round.

Will all members wishing to attend this event please let me know not later than Tuesday, 21st May, as I have to contact the club steward re meals.

How to get there

Those going by road from Nottingham, take Ring Road to Normanton Barracks, then to Sinfen Lane.

By public transport—Bus from Derby—No. 88 from the Market Place to Terminus, which is quite near course.

Subscriptions

Will members please note that as from 1st May subscriptions are due for 1963-64. We



THE SCOTTISH GOLF GREENKEEPERS' ASSOCIATION

Chairman:

D. L. MACDIARMID,
Royal Burgess Golfing Society,
Barnton, Edinburgh 4.

General Secretary:

R. B. MOFFATT,
71 Kelton Street, Glasgow, E.2

THE ANNUAL GOLF OUTING WILL be held on Thursday, 27th June, over the Prestonfield Golf Course, Edinburgh, by courtesy of the Prestonfield Committee. We hope to have a large attendance of old and new members on this date.

have been paying 2/6d. per member for the postage of your journal. This is less than the cost of the actual postage, so members are asked to contribute an extra 1/- per year. Your dues will now be: Class A—£1 3s. 6d.; Class B—16/-d.; Class C—12/-d.

Owing to subscriptions being so slow in coming in in previous years, your Committee has stipulated that all members competing in the Spring Tournament must pay their subscriptions not later than 21st May. You have been warned—so please send your subs. to the Section's Treasurer, Mr. A. Thornton, 15 Trent Road, Beeston, Notts.

Autumn Tournament

By very kind permission of the Council your Autumn Tournament will be held at Rothley Park Golf Club, Leicester, on Wednesday, 25th September.

New Members

A cordial welcome is extended to the following who have been elected members of our Association and who will take up their membership as from 1st May. Class C.

Mr. D. J. Topley (Birstall Golf Club), 121 Wanlip Lane, Birstall, Leicester.

Mr. A. E. Neal (Birstall Golf Club), Cliffe Road, Birstall, Leicester.

Mr. D. Warrington (Birstall Golf Club), 227 Wanlip Lane, Birstall, Leicester.

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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.

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