Guiding hand for Mower Buyers

**LINE OF SKILL**
Skilled workmanship ensures trouble free mowing.

**LINE OF DEPENDABILITY**
You can depend on us to keep your mower in perfect working order.

**LINE OF FRIENDSHIP**
You can count on helpful advice and friendly service from R & K.

**LINE OF TRUST**
Only the best and most trustworthy machines are sold by R & K.

You will find Relf & Kendall have all these qualifications. Always ready to help whether you're buying new equipment or requiring complete servicing.

**IT'S EXPERIENCE THAT COUNTS**
The Relf & Kendall 2 plus service gives you

1. Exchange Assembly Service of engines, cutters, gear boxes, magnetos, etc.
2. Express workshop facilities, delivery of spares.

**Ransomes**
Authorised service
Repair Agents.
Sales, Spares and Service

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


Agents for Ransomes Dennis, Shanks, Greens, Atco, Lloyds and Allen Motor Scythes.
THE BRITISH GOLF
GREENKEEPER

HON. EDITOR: F. W. HAWTREE.

No. 232 New Series
JULY 1964

WET FEAT

The man who plays golf
In a pouring down rain
And doesn’t consider it screwy,
Is the very same chap
Who won’t work in his yard
If the grass is the slightest bit dewy.

Anne S. Wittig.

JULY
CONTENTS

Page 3 TEE SHOTS

4 ROLE OF NON-NITROGEN FERTILISER ELEMENTS continued

5 SPECIAL OCCASIONS

6 SECTION NOTES

10 S.G.G.A. NEWS

11 TRADE NEWS

12 CORRESPONDENCE

13 NEWS AND NOTES

15 PRESIDENT’S MATCH

16 HON. SECRETARY’S NOTES
PERFECT PUTTING...

EVEN ON SUN-BAKED GREENS

—with a B.O.I.L. ‘Pop-Up’ System

The fiercest sun cannot scorch B.O.I.L.—irrigated greens. A B.O.I.L. "Pop-up" System will keep them in perfect playing condition—firm, resilient, thick growing turf—all through the longest, hardest drought.

Once installed—a quick, simple job—a B.O.I.L. System starts saving money—saves labour, saves time, saves water. And it can be fully automatic, requiring setting only once every fourteen days. A B.O.I.L. Automatic "Pop-up" System enables you to plan a watering programme that will be automatically carried out with complete reliability—putting down the required amount of "rainfall" on all greens at any selected time during each 24 hours throughout the 14-day period.

You cannot afford to ignore the ultra-efficient, labour saving, money-saving B.O.I.L. Irrigation Systems. Please write for full details.

BRITISH OVERHEAD IRRIGATION LTD

UPPER HALLIFORD • SHEPPERTON • MIDDX
Telephone: Sunbury 5177/8 (24hr. Ansafone Service)
Camperdown Park, Dundee, municipal golf course is not paying its way. The Parks Committee have decided to increase the charges at Caird Park 18-hole golf course to coincide with Camperdown.

Mr. A. S. Dow, parks director, said Camperdown was less popular than Caird Park and the increases would give the newer course a chance to compete.

* * *

The golf course at Felixstowe Ferry may be offered to Felixstowe U.D.C. in the near future. A take-over suggestion has been made and discussions are likely. The course is administered by trustees who lease the area to Felixstowe Ferry Golf Club, who will probably be given the first offer. But the cost of maintenance is likely to deter the club.

* * *

Walsall Parks Committee is proposing to consent to a £40,000 golf practice centre on land off Sutton Road. The company would pay the cost and pay the council ten per cent of the profits, and the rent of £1,000 a year. The centre would cover 15 acres near the Grange Playing Fields.

* * *

Barnsley Municipal recruits new members at 50 a month—many of them miners. The corporation has turned down an appeal to close membership on grounds of overcrowding.

* * *

Chipstead Golf Club’s application to the council for help in acquiring 21 acres of land off Coulsdon Lane, which could afterwards be leased to the club, has been rejected at a meeting of the Parks Committee on 11th May. The club wanted the land to build a pavilion to serve the golf course.

* * *

East Kilbride Development Corporation is to build a new 18-hole golf course and offer it for rent to the present club, whose ground is scheduled for housing. The site of the new course is at Torrance House, a mile south-east of the town.

* * *

Residents in Bradway, Sheffield, are protesting over Sheffield City Council’s proposal to lease 13 acres of the recreation ground to a private firm who wish to build a driving range. There are now three golf courses in the immediate vicinity and the nearest park where children can play is nearly a mile away.
THE ROLE OF NON-NITROGEN FERTILISER ELEMENTS

by DR. MARVIN H. FERGUSON

Calcium

Ground limestone, hydrated lime, and gypsum are the major sources of calcium. These are relatively cheap materials, yet their effects upon soils and plants may be profound.

Calcium contributes to good soil structure. It causes clays to become aggregated into a crumb structure. A soil so aggregated is well-drained and well-aerated.

Limestone also affects the soil reaction. It tends to raise the pH of acid soils. As soils approach the neutral point almost all of the essential elements reach maximum availability.

On the other hand gypsum (calcium sulphate) may be helpful in lowering the pH of highly alkaline soils. This is accomplished by substituting calcium for sodium in the soil complex. The resulting sodium sulphate is soluble and may be leached from the soil.

Calcium enters into the cell wall structure and it is a component of some of the cell proteins and the protoplasm. It is involved in the translocation of carbohydrates and it appears to have a role as an "anti-doting" agent. This role is ascribed by Miller who says it serves to neutralise organic acids and to balance what he calls the "single salt" effects of potassium, magnesium and sodium.

Magnesium

Magnesium is usually supplied to turf in the form of dolomitic limestone. It may sometimes be derived from magnesium sulphate.

In the soil magnesium behaves much
the same as calcium. In the plant it is a constituent of the chlorophyll molecule. A deficiency often causes chlorosis and in severe cases there may be a reddening of grass blades.

**Sulphur**

Sulphur has been neglected as a plant nutrient because it rarely is deficient. Organic fertilisers have abundant quantities of sulphur. As inorganic materials rose in favour we began to use sulphate of ammonia and superphosphate. Both these materials supply a great deal of sulphur.

As the trend towards higher analyses continues, some of the sulphur contained incidentally in fertiliser materials is being eliminated. Thus sulphur may become an element of greater concern to the plant grower.

Sulphur is considered to be necessary in a magnitude of about two-thirds that of phosphorus. Sulphur is a constituent of protein. In addition it produces an indirect effect upon the appearance of chlorophyll. A deficiency of sulphur is indicated by a pale green colour, whereas a plant with abundant chlorophyll has a dark green vigorous appearance.

The grower of turf must make use of these elements to insure a healthy, vigorous turf. While deficiencies are quite difficult to demonstrate in the field and though responses to additional amounts are usually not great, these elements all contribute to the well-being of the plant.

It has been said that if one waits until the plant shows deficiency symptoms, the plant has already begun to disintegrate from the lack of some nutrient. There is then a long road to recovery. If one anticipates these hungers and keeps a constant supply of nutrients available to the plant he may avoid a great many turf problems.

*(With grateful acknowledgments to “The Golf Course Reporter”)*

---

**SPECIAL OCCASIONS**

**JULY**

22nd  Sheffield Section Annual Tournament, Wheatley Golf Club.
23rd  Midland Section A.G.M., Harborne Golf Club, 7-30 p.m.
23rd  Midland Section Competition, Parker Cup, 2-30 p.m.

**AUGUST.**

11th  
12th  

**SEPTEMBER.**

15th  North-West Section Autumn Tournament, Ashton and Lea Golf Club.
15th  Southern Section Autumn Tournament, Denham Golf Club.
17th  Midland Section, Visit to Messrs. Atco Ltd.
22nd  Midland Section, Autumn Tournament, Stourbridge Golf Club.
23rd  East Midland Autumn Tournament, Longcliffe Golf Club, Loughborough.
SHEFFIELD

By J. J. Dearlove,
Chairman: Hon. Secretary:
G. Herrington
63 Langsett Avenue, Sheffield, 6.

Competition
IT WAS RAINING CATS AND DOGS throughout the Sheffield Union Greenkeepers' competition held at the Sitwell Golf Club on Tuesday, 2nd June.

Apart from the shocking weather which was accepted with mixed feelings amongst greenkeepers, some courses in the area needing the rain, it was a rather disappointing day.

It is always hoped that enough Golf Club members will turn up to partner the greenkeepers in a "fourball", but unfortunately only five honoured us with their presence and two of those happened to be Vice-Presidents of our Section. However, Mr. Wilkinson, the Secretary of the S.U.G.C., made the best of a very difficult situation and also turned out to partner one of our members.

It is hoped that in the future and stressed by our President, Mr. Shardlow, that the event will be on an official basis and entries be received from club members.

Out of the seventeen greenkeepers who teed off the following ran out winners:—1st, A. Spencer and W. Williamson; 2nd, C. Chappell and partner; 3rd, G. Herrington and partner.

Annual Tournament
This will be held at the Wheatley Golf Club on Wednesday, 22nd July, with kind permission of the Committee. Entry forms have been sent out and it is hoped that these will be completed and returned to me as soon as possible if not already done so.

John Cryer
Congratulations to John Cryer on his appointment to the Ellesborough G.C., Aylesbury, Bucks., and hope he will continue to support the Association.

SOUTHERN

By W. Mason
Chairman: Hon. Secretary:
J. K. Glass
18 Albert Road, Hendon, N.W.4.
Tel.: SUNnyhill 0243

Spring Tournament
WE HAD A VERY GOOD ENTRY around the fifty mark and the weather was ideal with the course in wonderful condition thanks to J. Ness and his staff.

The scratch prize and other prizes went to the following competitors:—J. Kirkpatrick, as usual, won the scratch prize with a 75 in the morning and 76 in the afternoon, 151. 2nd prize went to P. Staines with a nett score of 145; 3rd, E. R. James, 148; 4th, W. E. Moore, 151, who also won the prize for over 60's. G. Hitchcock, D. Kirkpatrick, J. Bishop, A. Chappell, J. Corner, all tied 152; J. Ness, G. Piggott, 153; F. Hayter, 155; D. Major, 156; R. Plain, 158; and J. K. Glass, J. Stobbs, 159.

I would like to thank all the various members of the trade who contributed towards the prize list, the Croham Hurst Golf Club for the welcome given to us and the Captain for presenting the prizes.

G. W. Long
Mr. G. W. Long writes to say he has now retired. He has been a member in the Section since January, 1946, and I, together with other members who knew him, wish him many happy years in his retirement. His club was the Torquay Golf Club.

New Members
We welcome to the Section J. Jarvis and J. R. Milton.

NORTHERN

By J. Parker
Chairman: Hon. Secretary:
S. Bailes
8 Gostock Terrace, Harden, Bingley, Yorks.

Annual General Meeting
THE A.G.M. OF THE SECTION WAS held on Wednesday, 3rd June, in the Clubhouse of Lightcliffe Golf Club (by kind permission of the committee).

In an effort to stimulate interest and attendance a nine holes competition for prizes kindly given by the President, Mr. W. Mountain, was played prior to the meeting. Even this inducement failed to draw members, only thirteen turning up, and there was only a total of seventeen at the meeting. The prizes for the competition were won by H. Marshall (Cleckheaton) and A. Robertshaw (Otley).
In presenting his report the Secretary Treasurer reported a fairly satisfactory year. Though there was a slight loss on the year the Benevolent Fund Balance had been increased. Costs of running the section had increased but this should be balanced in the coming year by the increased subscription. A pleasing feature of the year was the good attendances at the winter functions; an average of fifty. He thanked all those who had helped in many ways in the efforts to help the section.

The following were elected officials for the coming year:—President, Mr. W. Mountain; Chairman, Mr. S. Bailey; Vice-Chairman, Mr. D. Roberts; Committee, Messrs. A. Roberts, G. Mason, A. Tallant, G. Garnett, A. Routledge, H. Marshall and G. Bennison; Hon. Secretary and Treasurer, Mr. J. Parker. Mr. J. R. Escritt, Director of The Sports Turf Research Institute was elected a Hon. Vice-President.

Several matters were discussed and left to the Committee to make decisions. Next year’s A.G.M. would be held after a visit in the afternoon to S.T.R.I.

Mr. F. Hall

Mr. Forest Hall, formerly assistant at Temple Newsam has been appointed Head Greenkeeper to the South Leeds Golf Club. We all, I am sure, wish him good luck in his new position.

Mr. T. Hullah

As a result of a disastrous fire Tommy lost his machine shed and practically all his machinery. The club have quickly got to work and had another shed erected and it is hoped that soon machines will have been replaced to enable satisfactory maintenance of the course to be carried out.

**Welsh**

By S. A. Tucker

Chairman: M. Geodex
(Royal Portcawl)

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

Draw Tickets

BY THE TIME YOU READ THESE notes you will all have received the Annual Draw tickets, I hope you have done your best to sell them. I would like you to return all money, counterfoils and unsold tickets to me as soon as possible, but not later than 20th July, to enable me to send them off in time for the draw.

J. C. Williams

News has just come to me that J. C. Williams of Royal Portcawl Golf Club is emigrating to Australia.

I am sure you will all join with me in wishing him “Bon Voyage” and good luck in his venture.

**East Midland**

By S. T. McNeice

Chairman: F. Frost
(Derby G.C.)

Hon. Secretary: 40 Edward Road, Clarendon Park, Leicester

Annual Spring Tournament

THE TRADITION OF SELECTING A fine, sunny day was upheld when the Section’s Annual Spring Tournament was held over the City of Nottingham course, Bulwell Hall. Leading scores and prize-winners were:

Nett scores:

1st. F. Oliver, Bulwell Hall (Section Cup and Electric Shaver, by Ransomes), 72.
2nd. S. Fretter, Kirby Muxloe, 73.
3rd. R. W. Willars, Leicestershire, 76.
4th. F. Frost, Derby Municipal, 76.
6th. B. F. Mott, Kingsthorpe, 77.
7th. S. T. McNeice, Leicestershire, 78.
8th. L. A. Spence, Scaptoft, 81.
9th. D. Bull, Bulwell Hall, 82.
10th. A. Thornton, Wollaton Park, 82.

Best score at the short holes for greenkeepers not in prize list—D. Topley, Birstall.

Vice-Presidents:—1st, D. Ezard, 76; 2nd, A. J. E. Cook, 77, after tie with R. Brown.

Mr. G. S. Lowe, Captain of Bulwell Hall G.C., very kindly presented the prizes and on behalf of the Club expressed his pleasure in welcoming the Section to the Hall.
Mr. F. Frost, Section Chairman, replied on behalf of the Section, thanking Mr. Lowe for his kind remarks and the City of Nottingham Park Committee for allowing us the courtesy of the course, also indoor staff and ground staff for making our visit a pleasant one. Mr. Frost, in thanking Mr. A. J. E. Cook of Messrs. Ransomes, Sims and Jefferies for his assistance with the clerical work, said our Section's Tournament would not be complete without his help.

We are greatly indebted to the following who very kindly continually support our Prize Fund:—R. C. Ainscow, Esq.; A. G. Beck, Esq.; E. Whitcombe, Esq.; D. Ezard, Esq.; Messrs. Ransomes, Sims & Jefferies Ltd.; Messrs. H. Patterson & Co. Ltd.; Messrs. T. Green & Son Ltd.; Messrs. Leicester Horticultural Eng. Co. Ltd.

Subscriptions
Have you paid your subscriptions for the current year? They are now due. New rates are now in operation.

Autumn Tournament
Arrangements have now been made for the Section's Autumn Tournament to be held at Longcliffe Golf Club, Loughborough, Leics., on Wednesday, 23rd September, by kind permission of the Longcliffe G.C.

NORTH-WEST
By V. Crabtree
Chairman:
D. PAT
(Royal Birkdale G.C.)
Hon. Secretary:
22 Market Street
Whitworth, Nr. Rochdale

Spring Tournament
OUR SPRING TOURNAMENT TOOK place at Romiley Golf Course on 19th May, 1964, by courtesy of the Captain and Council, to whom we extend our thanks.

We thank also Ben Ellis and his staff for getting the course in such wonderful condition, the Steward and Stewardess and their staff for so adequately catering for the inner man with good meals and impeccable service, our very good friends from the trade who so efficiently and willingly organise the day that even I, as Secretary, can go and play golf without worry. To all these people, on behalf of the thirty-one greenkeepers and twelve visitors, I say very sincerely, thank you for your efforts in making the day the huge success it was.

The weather was kind on this occasion, even the sun favoured us with a smile. To crown a glorious day's sport, our prize list was handsomely supported by our President, Mr. W. Payne, Mr. and Mrs. L. Haken, the Romiley Golf Club, the Ladies of Romiley Golf Club, the Professional, Mr. J. Wilson, Messrs. Carters Tested Seeds, Messrs. Fisons Ltd., Messrs. Suttons Seeds, Messrs. Rigby Taylor Ltd., Messrs. W. E Sowerbutts Ltd., and Messrs. Lunevale Products Ltd.

The prizes were presented by the President, Mr. K. Kinsey. To E. Macavoy the scratch prize, 122 gross, a travelling case, the competition being over 27 holes. The best nett and first prize to H. Smith, 105¼ nett, the John Fitton Trophy and clock. 2nd, 116, B. Ellis, a holdall. 3rd, 117, F. Halstead, a salver. 3rd, 117, O. P. Jones, bottle of gin. 5th, 117½, E. Macavoy, ½ dozen golf balls. 6th, 117½, E. Drage, ½ dozen golf balls. 7th, 118, W. Sumner, ½ dozen golf balls. 8th, 118, V. Crabtree, ash tray. 9th, 118, J. Buckle, set of table mats. 10th, 118½, M. Ormerod, 3 golf balls. 11th, 119, A. M. Shaw, 3 golf balls. The highest score, a set of jam dises, A Curran. The visitors' prize over 18 holes was won by Mr. Haworth, 72 nett, a bottle of whisky, and Mr. Heaker, 74 nett, a Sunday golf bag.

Presentation to B. Ellis
The presentation to Ben of a Tankard inscribed for 36 years' service to our organisation was made by T. Brennan, the Chairman. We thought it appropriate to make the presentation at our Spring Meeting—held at his own Club, who honoured his services to them by making him a member of the Club.

The Annual General Meeting
The Annual General Meeting was held after the evening meal at Romiley G.C. The Chairman, Mr. T. Brennan, opened the meeting and in his remarks thanked the officials and Committee for the support and co-operation during the two years of his office. He expressed his disappointment with the number of forms that had been returned to H.Q. on
the question of the wages referendum, the N.W. resolution at the last A.G.M.

The Treasurer's report showed a somewhat healthier state of affairs; whilst still not good, we at least have an increased credit balance.

The Secretary reported on his first year's workings, also as your representative on the National Executive Committee.

A few mistakes have been made, for which I offered my apologies—these were graciously accepted. Both our tournaments have been successful affairs, whilst the winter lectures, brilliantly presented and most instructive, were but poorly attended.

We have a present membership of two honorary members, eighty-one ordinary members, the President, seven Vice-Presidents and fourteen associate members. Having gained fourteen new members during the last years, let's try to improve this number this year—do your best.

I supported our Chairman in his remarks about a wages structure and recommended minimum, which the Executive are sending to the A.G.M. at Weston-super-Mare. One section sent no return at all; we must assume from this that everybody is satisfied. The attitude of "I'm all right" may be all right for them, but does not help the Association nor offer any guidance to the joint committee administrating the Apprenticeship Scheme; nor is it good for a profession badly under-manned. Would you, as parents, put your sons to a trade, not knowing the ultimate earning potential on completion of training? I think not!

Your Committee attended meetings faithfully. Thanks to the Chairman, Mr. Brennan, the Treasurer, Mr. Macavoy, the President and members for such loyal support.


Autumn Tournament

The Autumn Tournament will be held at the Ashton and Lea Golf Club, Tuesday, 15th September, 1964, and we acknowledge this courtesy with grateful thanks to the Captain and Council.

In the afternoon the competition for the Parker Challenge Cup will be held, commencing at 2-30 p.m. Will all members who will be competing please let me know by 16th July, so that I can arrange for tea.

Subscriptions

Subscriptions for 1964-65 are now due, please note the increase which was published in the April journal.

MIDLAND

By F. Cashmore

Chairman: G. Hart (Gay Hill)
Hon. Secretary: 76 Four Oaks Common Road Sutton Coldfield, Warwickshire.

A.G.M.

BY THE KINDNESS OF THE COMMITTEE of the Harborne Golf Club, we are holding our Annual General Meeting in their Club House on the evening of Thursday, 23rd July, at 7-30 p.m., we are hoping that as many members as possible will attend.

PRESIDENT'S MATCH

Sheffield Section

Eighteen members teed off on a fine but testing day for our President's Prize on 25th June. This took place at the Dore & Totley Golf Club by kind permission of the Club Captain, Mr. Andrews, on behalf of the Committee.

The course was in tip-top condition and no excuses were forthcoming for the indifferent scores, especially over the last nine holes. However, I think everyone enjoyed the golf very much.

There was, however, an unfortunate disappointment for one player whose card was incorrectly marked. As it had been signed, it became null and void. I mention this merely to point out that it is wise to counter check because it is so easy to make a mistake.

There were two returns of 33 points and A. Spencer was the winner on the last nine holes decision, he received from Mr. Andrews the President's Prize (silver tray) also a pair of overtrousers, a wise choice judging by the summer we're having. The second prize of a small golf bag went to A. Goldthorpe and the third to S. Inman (pullover) on 32 points.

Two consolation prizes of three golf balls were awarded to J. Hague and, I've forgotten the other, for, I think, a very noble performance.

The very nice prizes and the excellent liberal meal were provided by our President, Mr. Shardlow, and once again we offer our sincere thanks. Our thanks also to Mr. Andrews, for making a special effort to be present and for presenting the prizes.

The day was rounded off with the usual drinks and a few unusual stories which I conveniently forget for the moment.

J. J. Dearlove.
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

EAST SECTION

Annual Competition

BY COURTESY OF THE COMMITTEE, the Annual Competition was held over Luffness Golf Course on 20th May. Forty-four members were present and we enjoyed a glorious summer's day.

Best scratch score:
Ian Purvis, Newbattle, 74.
A. F. Fowler, Burntisland, 74.

1st Class:
R. Watt, Gullane, 68.
G. Bain, Craigmiller Park, 71.
J. Bett, Canmore, 71.

2nd Class:
H. Orr, Gullane, 68.
R. Dickson, Monkton Hall, 70.
D. Shade, Kingsknowe, 73.

3rd Class:
J. MacFarlane, North Berwick, 69.
J. Mair, Bruntsfield, 71.
J. Bailie, Bruntsfield, 73.

NORTH AND MIDLAND

OUR ANNUAL COMPETITION WAS played on 26th May at Kirriemuir Golf Course. The George McLean Trophy was won by J. K. Campbell, St. Andrews, with the nett score of 69.

2nd prize, W. Elder, Monifieth, 70; 3rd, J. A. Moffat, St. Andrews, 71; 4th, W. Ritchie, Montrose, 71; 5th, W. Donnachie, Deeside, 71; 6th, W. Falconer, Panmure, 71; 7th, 1 Simpson, Alyth, 74.

Provost J. P. Simpson, Kirriemuir, presented the prizes. Our Chairman, Mr. J. K. Campbell, thanked the Kirriemuir Golf Club, the Stewardess, the greenkeepers and the trade for the prizes.

MISCELLANEOUS

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.


Automatic Golf Comes North

Automatic golf is to be introduced to Scotland in July with the opening of a £45,000 driving range at Aberdeen.