

For a cut ABOVE the average

Ransomes famous Gang Mowers are to be seen cutting racecourses, public parks, golf courses and playing fields throughout the world.

SPORTCUTTER for producing a fine finish on fairways, sportsgrounds and parks.

MAGNA for airfields, orchards and pastures.

MOUNTED TRIPLE for special manoeuvrability. Sportcutter or Magna units can be instantly raised or lowered by the operator from the tractor seat.

For illustrated literature contact your Ransomes Distributor or write to:---

RANSOMES SIMS & JEFFERIES LTD · IPSWICH

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.

THE REAL PROPERTY IN THE REAL PROPERTY INTERNATION FOR THE REAL

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

EXPERIENCE THAT COUNTS

The Relf & Kendall 2 plus service gives you

Exchange Assembly Service of engines, cutters, gear boxes, magnetos, etc.

Express workshop facilities, delivery of spares.

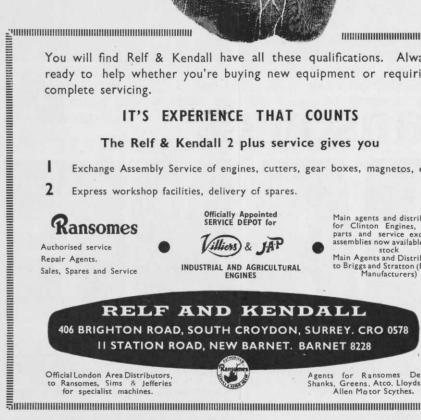
Officially Appointed SERVICE DEPOT for

illiers) & JAP

INDUSTRIAL AND AGRICULTURAL ENGINES

Main agents and distributors for Clinton Engines, Spare parts and service exchange assemblies now available from stock

Main Agents and Distributors to Briggs and Stratton (Engine Manufacturers)





for Ransomes Dennis. Agents Shanks, Greens, Atco, Lloyds and Allen Motor Scythes.





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

> 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. AINSCOW

> Chairman: G. T. GEDDES, Moor Allerton, G.C.

Vice-Chairman: H. SHEPPARD Weston Super Mare G.C.

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. Benhow, G. J. O'Gorman, S. T. McNeice, J. Parker, J. Simpson, A. A. Cockfield V. Crabtree, S. C. Dennis

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. 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

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, 1/6d. 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.

PERFECT PUTTING...

EVEN ON SUN-BAKED GREENS -with a B.O.I.L. 'Pop-Up' System

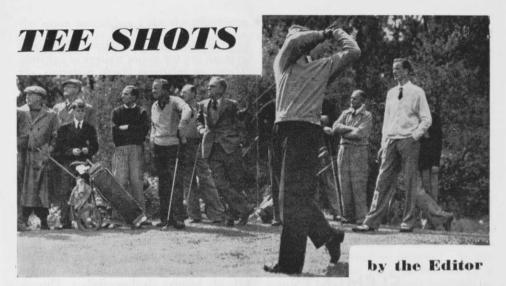
The fiercest sun cannot scorch B.O.I.L.—irrigated greens. A B.O.I.L. "Pop-up" System will keep them in perfect playing condition—firm, resilient, thick growing turf—all through the longest, hardest drought.

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.



2



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 $\pounds40,000$ 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 $\pounds1,000$ 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

4

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 wellaerated.

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



Continued. . .

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

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

RIVERSIDE 5415

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")



AUG

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.
GUST.	
10th 11th	B.G.G.A. Annual Tournament and A.G.M., Weston-super-Mare.

SEPTEMBER.

12th

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, Lough- borough.

News



from the Sections

Chairman. G. HERRINGTON (Lindrick)

By J. J. Dearlove, Hon, Secretary: 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 green-keepers 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.



Chairman: J. K. GLASS (Thorpe Hall)

By W. Mason

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

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

T 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 I. R. Milton.



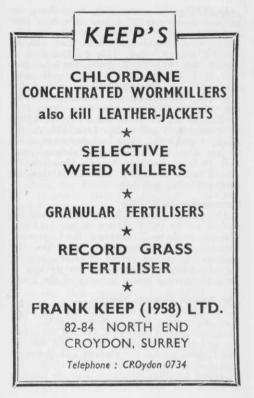
Chairman: S. BAILES

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

Annual General Meeting

THE A.G.M. OF THE SECTION WAS held on Wednesday, 3rd June, in the Club-house 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 had been 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. Robert-shaw, 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 Templenewsam 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.



Chairman. M. GEDDES (Royal Porthcawl) Hon. Secretary: 36 Clase Road, Morriston, Swansea, Glam.

By S. A. Tucker

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

MIDLAN

Chairman: F. FROST (Derby G.C.) By S. T. McNeice 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.

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.
5th. D. G. Whitehead, Wollaton Park, 77.
6th. B. F. Mott, Kingsthorpe, 77.
7th. S. T. McNeice, Leicestershire, 78.
8th. L. A. Spence, Scaptoft, 81.
9th. D. Bull, Bulwell Hall, 82.

- 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.



Chairman: D. PATE (Royal Birkdale G.C.) By V. Crabtree Hon. Secretary: 223 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, $105\frac{1}{2}$ nett, the John Fitton Trophy and clock. 2nd, 116, B. Ellis, a holdall. 3rd, 117, F. Halstead, a salver. 3th, 117, O. P. Jones, bottle of gin. 5th, 117 $\frac{1}{2}$, E. Macavoy, $\frac{1}{2}$ dozen golf balls. 6th, 117 $\frac{1}{2}$, E. Drage, $\frac{1}{2}$ dozen golf balls. 7th, 118, W. Sumner, $\frac{1}{2}$ dozen golf balls. 8th, 118, V. Crabtree, ash tray. 9th, 118, J. Buckle, set of table mats. 10th, 118 $\frac{1}{2}$, 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 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



Telephone GRImsdyke 400

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 undermanned. 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.

The election of officers followed. President: W. Kinsey, Esq.; the Vice-Presidents returned en bloc; Chairman; D. Pate, Esq.; Vice-Chairman: W. Burgess, Esq.; Secretary: V. Crabtree, Esq.; Treasurer: E. Macavoy, Esq.; Committee: Messrs. H. M. Walsh, T. Brennan, W. Earnshaw, H. Smith, O. P. Jones and G. V. Davey.

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.



Chairman: G. HART (Gay Hill)

A.G.M.

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

BY THE KINDNESS OF THE COM-MITTEE 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. 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.

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.

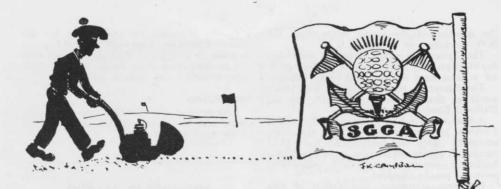
There were two returns of 33 points and A. Spencer was the winner on the last nine holes decision, he received from Mr. Andrews the President's Prize (silver tray) also a pair of overtrousers, a wise choice judging by the summer we're having. The second prize of a small golf bag went to A. Goldthorpe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

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. Being the Reinford Kirriemuin presented

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.

GREEN ORE (Somerset) fibrous turf loam; J.I. Composts; Grass turf for lawns. Fine soils for Bowling Greens, Cricket Pitches. Bulk supplies always available. Details: Smith's Horticultural Works, Green Ore, Near Wells, Somerset. Phone: Chewton Mendip 378/9.

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.



Ransomes Optional

Extra Fittings

for

Rotary Mowers

To conform to the new Safety Regulations as laid down by the Ministry of Agriculture for agricultural and horticultural employees which come into force on 1st July, 1964 Ransomes are now offering new attachments for their rotary mowers.

Where the Ministry regulations apply, a safety guard is offered for the "Typhoon Major" as an optional extra which is so designed that it does not in any way restrict the versatility of this popular machine.

This guard retails at 16/-d., fitting extra.

In the case of the "Multimower" Rotacutter, guards and other safety fittings are available for existing machines on application from Ransomes Sales and Service Distributors or direct from Ransomes at Ipswich. Future production of "Multimowers"

Future production of "Multimowers" fitted with Rotacutter heads will incorporate guards etc., to conform with Ministry regulations.

It is emphasised that these regulations apply only when agricultural and horticultural employees are using the machines.

MR. W. WRIGLEY

It is with the deepest regret that we have heard from the Directors of The Yorkshire Herald Newspaper Co. Limited, printers of this magazine, of the death on 17th June, 1964, of Mr. W. Wrigley, Director and General Printing Manager, following a short illness.

Mr. Wrigley joined the company 34 years ago as Manager of the Herald

Printing Works and subsequently was appointed to the Board of Directors.

He was held in the highest esteem by all who knew him, and his capacity for hard work made a significant contribution, over the years, to the expansion and success of the Company.

Mr. Wrigley leaves a widow, to whom we offer our deepest sympathy in her sad loss.

FROM ABROAD

18th June, 1964.

Dear Sirs,

The English King Edward the VIIth, who was in our spa Marianske Lazne/ Marienbad in Czechoslovakia for several seasons under medical treatment, gave in 1904 an impulse for the establishment of a golf course here.

Till the beginning of the Second World War the golf course was kept by experts from England. From the year 1939 the golf course is maintained by employees of the town, but the condition does not correspond to the average of a good English golf course as we have not the necessary experience.

The golf course is visited by foreigners, in 1963 by an English team, Silver Wing Club, London.

The obtaining the necessary experience our municipal technical service of Marianske Lazne intends to sent to England, an employee, who would be employed on one of the English golf courses for one month as an assistant greenkeeper for normal salary, from which he would be able to pay his stay in England. Please let us know if this is possible in this season through the intermediary of your Union.

For the year 1965 we should like to realise an interchange of employees, so that one English greenkeeper would be employed on the golf course in Marianske Lazne, and one Czech in England.

We should be very obliged to you for an answer by the return of post if such interchange would be possible, which kindly address to :

> SPA-MANAGEMENT, Marianske Lazne, Mr. Jan Sperl, Czechoslovakia.

(Anyone interested please write to Mr. Dix.)

4th June, 1964.

Mr. B. M. Wood, F.C.I.S.

Hon. Secretary,

The Joint Council for Golf Greenkeeping Apprenticeship,

St. Ives Research Station,

Bingley, Yorkshire, England.

Dear Mr. Wood,

Thank you for your recent release regarding the first annual meeting of The Joint Council for Golf Greenkeeper Apprenticeship, recently held in Bingley, Yorkshire.

It is interesting to note the good work you are doing in encouraging young men to enter this ever widening profession. In North America, the game of golf is growing far more rapidly than there are golf courses and men to maintain them. Also, in recent years the science of golf course management has advanced rapidly. Higher maintenance standards are demanded, and thus the superintendent must be a better grass technologist, a more astute business manager and keener public relations expert. Few vocations offer more challenge and more opportunity.

The Golf Course Superintendents' Association of America is devoted to these men—golf course superintendents. In this advancing age of specialisation, we feel this term is more applicable than "greenkeeper", and our Association is constantly striving to bring the image of the superintendent to the professional level it so well deserves.

Our official publication, "The Golf Course Reporter", is the world's leading journal on turf-grass science and golf course maintenance. Since your Council's work is so closely connected to ours, we are most pleased to add your name to receive "The Reporter" complimentary each month. It is hoped you will continue to send to us your releases concerning the good efforts of the Council.

Sincerely,

GENE C. NUTTER, Executive Director and Editor. The moulded plastic golf club head, introduced last summer by Formica Limited, has been undergoing stringent tests on courses all over the country and first reports indicate that the new head will more than justify the claims to revolutionise golfing equipment.

Typical of the many Professionals who have been trying the head is Jack Davies, of the West Essex Golf Club, at Chingford. Jack Davies has been a Club Professional for over forty years and has seen fads come and go since he came to the West Essex in the 1920's after serving in France during the Great War. However, he recently won the Alliance Competition using a FORMICA plastic headed club, playing against men half his age, and he is enthusiastic about it.

Golf Course Plan for Blackwell Grange

Darlington Development Committee consider that part of Blackwell Grange may be used as a nine-hole municipal golf course.

Land on the Grange has already been allocated for "executive" Council housing.

Mr. G. S. Short, the Borough Surveyor, may be asked to report on the possibility of further residential development—and the provision of the golf course.

Mayor Opens Municipal Golf Course

The nine-hole miniature golf course in Abington Park, Northampton, was given a civic send-off last month by the Mayor of Northampton, Councillor George Hackett. Watched by members of the Estates Committee and Corporation officials, he opened the course by teeing off at the first hole of 65 yards with a left-handed iron. Afterwards, other members of the council and officials went round the undulating £2,000 course.

The charge for golfers using their own equipment is 2s. 6d. a round and those borrowing kit from the Corporation 5s.

West Essex is an average sized club, with 93 acres of grounds and a membership of about 500, approximately 50 per cent of whom play regularly. During the past few months, Jack Davies' club with a FORMICA plastic head has been handled by all and sundry, not all of them experts, and it has stood up to at least four rounds a week for six months as well as to early morning practice, yet a short session on the buffer was all that was needed for it to pass as brand new. No persimmon head on the market today could equal such a record. The Club members, having once overcome an understandable suspicion of 'plastics' have been unanimous in their praise of the new head as the next logical step in golfing development, and several have already ordered new clubs for themselves.

The great advantage of the plastic over traditional persimmon wood is that it has no grain and therefore cannot split, nor will it chip or crack, yet it can be drilled, bored and reamered to the most exacting requirements. FORMICA moulded heads are available as a block or ready for individual professional finishing, as well as on standard clubs retailed by several leading manufac-These heads are made at turers. Formica Limited's Sports Goods Unit at Glenrothes, in Scotland, where the Company also manufacture the popular range of plastic golfing accessories, including shaft caps, ferrules, faces and tees.

Plan For New Sidmouth Golf Course Backed

The Manor Estates Committee has recommended Sidmouth Urban Council to explore the possibility of constructing a golf course on Muttersmoor.

Mr. F. A. C. Pinney said at last month's Council meeting that if such a scheme did mature it would help Sidmouth to compete with the attractions of holidays abroad.



Messrs.

Sutton & Sons Ltd.

Board of Directors, Sutton & Sons Ltd., Reading. Standing—left to right: J. E. Harradence, Owen P. F. Sutton, R. Froude. Seated—left to right: L. Noel Sutton, E. P. F. Sutton, Douglas Collins (Chairman).

Messrs. Sutton & Sons Ltd., of Reading announce the appointment of Mr. Douglas Collins as a working Director at the Royal Seed Establishment at Reading.

Mr. Collins, who founded the Goya perfume business and was formerly Chairman of British Lion Films Limited, will remain a Director of Goya and of Universal News Services.

DRIVING RANGES

Floodlit "School" for York Golfers

A floodlit driving range is proposed for York.

Gallery Golf Ltd., a company of West Riding business executives, has applied for planning permission for a 14-acre site about two miles from the city centre. In announcing Mr. Collins' appointment, Messrs. Sutton's add that they are now looking for opportunities to work with new or established businesses in the field of gardening or agriculture, and will welcome any suggestions for expanding their extensive facilities at Reading and giving still more scope to their national sales organisation.

Witton Park Golf Plans Advance

Moves to establish a £30,000 golf centre and driving range in Witton Park, Blackburn, have advanced a stage further.

The Parks Committee is recommending the Council to take up an offer by a company to build the range at the Tower Road end of the park.

New

Director

joins

MIDLAND SECTION VERSUS PRESIDENT'S TEAM

Twenty-two players on each side turned out on a fine summer evening at Handsworth Golf Club on Thursday, 25th June. Many well known figures on the playing and greenkeeping sides of Midland golf supported the President. We only have time for the bare results in this issue. Mr. Cashmore will be reporting the event and the supper afterwards in our August number.

President's Team		Greenkeepers' Team	
H. J. Roberts and A. W. Pullar	$\frac{1}{2}$	G. Woodward and E. Benbow	$\frac{1}{2}$
G. L. W. Whitworth and R. Hiatt, 1 up	1	R. Pugh and L. Jones	0
G. J. Mitchley and R. W. Bailey, 3 and 2 $$	1	W. Barton and R. Goodwin	0
G. Stubbings and Dr. H. G. F. Mitchell	$\frac{1}{2}$	H. Drewitt and A. Hastilow	$\frac{1}{2}$
E. Moggs Wright and T. R. Hodgetts, 3 and 2 $$	1	L. Greenow and J. Grealy	0
R. J. M. Baldwin and W. N. Dudley Evans	$\frac{1}{2}$	W. Handy and G. Geddes	$\frac{1}{2}$
C. J. Withers and J. P. Richards, $4 \ \text{and} \ 3$	1	A. Stephens and B. Baxter	0
C. W. Gold and C. C. Moore	$\frac{1}{2}$	V. Smith and A. Boraston	$\frac{1}{2}$
S. E. W. Cooper and W. Leslie Jones, $1\ \rm up$	1	B. Powell and D. Haynes	0
L. Wheeler and J. Onlon, 1 up	1	A. Willetts and G. Fox	0
J. W. R. Robinson and H. E. W. Whitehead	0	R. Parker and E. Ballinger, 3 and 2	1
	8		3

A component of the comp

WESTON-SUPER-MARE

NOTICE IS HEREBY GIVEN THAT the Forty-seventh Annual General Meeting of the British Golf Greenkeepers' Association will be held at the Weston-super-Mare Golf Club, Weston-super-Mare, on Monday, 10th August, 1964, commencing at 2-30 p.m.

Notice of Resolutions must be sent in writing to the Honorary Secretary TWENTY-ONE DAYS before the date of the meeting. Under Rule 29, Proxies may be voted at all General Meetings. A Form of Proxy may be obtained from the Honorary Secretary and returned not later than FIRST post on Wednesday, 5th August.

The Annual Tournament

THE FORTY-SEVENTH ANNUAL GOLF Tournament will be held at the Weston-super-Mare Golf Club, Weston-super-Mare, on Monday, Tuesday and Wednesday, 10th, 11th and 12th August, 1964. Entry Forms appeared in the June issue of the Journal.

Programme

Monday, 10th August.

Morning-18 Holes Stableford.

Afternoon-Annual General Meeting, 2-30 p.m.

Tuesday, 11th August.

36 Holes.

"News of the World" Cup (Scratch).

Senior Division (Plus to 11).

Junior Division (12 to 24).

The Artisan Medal.

The Jubilee Cup (Team Prize off Handicap).

The Coming of Age Cup.

Wednesday, 12th August.

Morning-18 Holes Medal Competition.

Afternoon-Prize Distribution at 3-0 p.m. (approximately).

HON. SECRETARY'S NOTES



Handicaps

Section Secretaries will be asked to verify the handicaps of all competitors from their records before the Tournament. All Handicaps and revisions must be based on the National Golf Unions' handicapping system.

A MEETING OF THE EXECUTIVE Committee will be held at the Weston-super-Mare Golf Club, Weston-super-Mare, on SUNDAY, 9th AUGUST, 1964, at approxi-mately 5-0 p.m.

May I remind holders of trophies from last year's Tournament, who are not taking part this year, to ensure that these are returned to Weston-super-Mare Golf Club, Weston-super-Mare, before 8th August.

Annual Draw

May I remind members that all counterfoils and monies should be returned to their own Section Secretary and NOT to me.

C. H. Dix, Hon. Secretary.

SITUATIONS VACANT

- EXPERIENCED HEAD GREENKEEPER REQUIRED. House available. Apply: Chairman, Greens Committee, Sickleholme Golf Club, Bamford, Nr. Sheffield.
- HEAD GREENKEEPER. Huddersfield Golf Club require fully qualified and experienced man conversant with up-to-date methods of course maintenance and able to control staff. Good wages and pension scheme. House available. Reply with full details of past experience to The Secretary, Fixby Hall, Huddersfield.
- ASSISTANT GREENKEEPER required for Hartley Wintney Golf Club, Hants. Ex-perience not essential. Apply: W. J. Dauncey, Esq., Brincliffe, Odiham, Hants.
- FULLY EXPERIENCED HEAD GREEN-KEEPER REQUIRED by private Golf Club near Birmingham; salary £20 per week; removal expenses paid, accommodation can be discussed. Apply with full details of age, past experience, etc., to Box No. 250.
- FIRST ASSISTANT GREENKEEPER required. Prospects full charge in about five years. Minimum earnings £660 a year and house. Non-contributory pension scheme. Send details, experience, age, whether married, children, etc. to G. R. Young, Addington Court Golf Club, Featherbed Lane, Addington, Croydon, Surrey.

BUYERS' GUIDE

BUNKER DRESSER

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

CLINKER. ETC

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

CONTRACTORS

GILLIAM & CO. Ltd., Purley, Surrey. 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.
- F. KEEP, Ltd., 82-84 North End, Croydon, Surrey. 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' ARTERS' 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.
- Ltd., 82-84 North End, Croydon, Surrey. F. KEEP,
- 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. HARGREAVES & CO., Ltd., "Sisis" Patent W. 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.

LOAMS & MANURES T. PARKER & SONS, Worcester Park, Surrey.

MOWER ENGINEERS

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

MOWERS

- A. C. BANKS & CO., 149 Copse Hill, Wimbledon, S.W.20 BRADLEY'S, Leeds Rd, West Ardley, nr. Wakefield,
- Yorks T. G. Leeds, GREEN & SON, Ltd., Smithfield Ironworks,
- GROSVENOR ENGINEERING CO., Manningham, Bradford
- LLOYDS & CO., Ltd., Pennsylvania Works, Letchworth, Herts
- T. PARKER & SONS, Worcester Park, Surrey.
- H. PATTISSON & CO., Ltd., Stanmore, Middlesex. C. H. PUGH, Ltd., P.O. Box 256, Atco Works, Birmingham, 9.

RANSOMES, SIMS & JEFFERIES, Ltd., Orwell Works, Ipswich, Suffolk.

PEAT ECLIPSE PEAT CO., Ltd., Ashcott, Somerset.

SEA SAND

F. KEEP, Ltd., 82-84 North End, Croydon, Surrey. 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

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

- 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.

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

SUTTON & SONS, Ltd., Reading.

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 Bureat 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.

PARKER-WISE!

SPRAYING SERVICES: Spraying with selective weedkillers is technical work which should only be entrusted to experienced operators using the latest equipment if best possible results are to be achieved. We commenced this work at the onset when Hormone Weed Killers were first introduced and our operators are highly skilled. This experience is at your disposal together with approved equipment. Our charges for the work are the keenest possible for good work using guaranteed material at the Manufacturers, recommended rates of application.

The introduction of Chlordane Worm Killer now allows this problem to be tackled over large areas by spraying and we shall be pleased to undertake this work.

Y ur enquiry will have our immediate attention and we are pleased to offer advice or submit estimates entirely without obligation.

TRULY SIMPLE WHEN YOU PARKERISE

PIERCERS - SISIS - Self-Propelled and Tractor, SCARIFIERS - Hand and Mechanical, HARROWS, DRAG MATS, BRUSHES, DRESS-INGS, SANDS, etc. TURF - GRASS SEED - SISIS ROTORAKES -LOAMS - FERTILISERS - SISIS TRULUTE and LUTES - WORM-KILLERS - DISTRIBUTORS - TRACTORS - PARKAVAC - LEAF SWEEPERS - TRAILERS - BARROWS - TRUCKS - GOLF PRACTICE NETS - MOWERS, all leading makes - cylinder, rotary and scythe for fine turf, fairways or the rough.

RANSOMES and **HAYTER** official appointed repair agents and specialist distributors for London. Efficient mower repairs carried out in our modern works.

SISIS - Main Distributors - London and Southern Counties. "PERFECTO" range of golf course equipment.

Fully Illustrated and Priced Catalogue always available.

Immediate deliveries from Stock.

We Re-treat and Repair all Types of Nets and Netting.

T. PARKER & SONS (MANAGEMENT) LTD. THE SPORTICULTURAL SPECIALISTS WORCESTER PARK, SURREY DERWENT 7791

Printed by the Herald Printing Works, York and London, for "The British Golf Greenkeeper"-61121