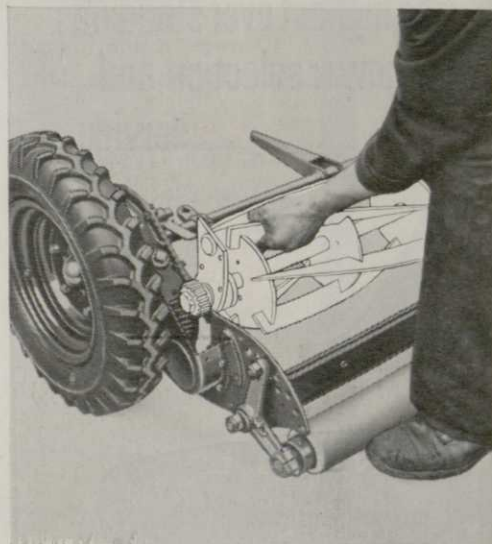
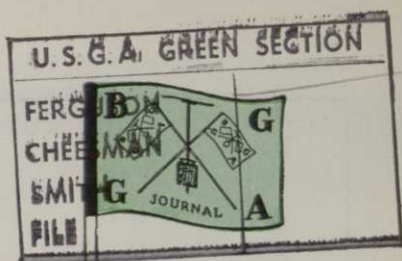


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MARCH 1967

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*An instalment collector reminded a golfer that he was behind on paying for his set of clubs. "Well," said the golfer, "your ads say 'pay as you play' and I'm a very poor player."*

—Raymond C. Otto

## MARCH

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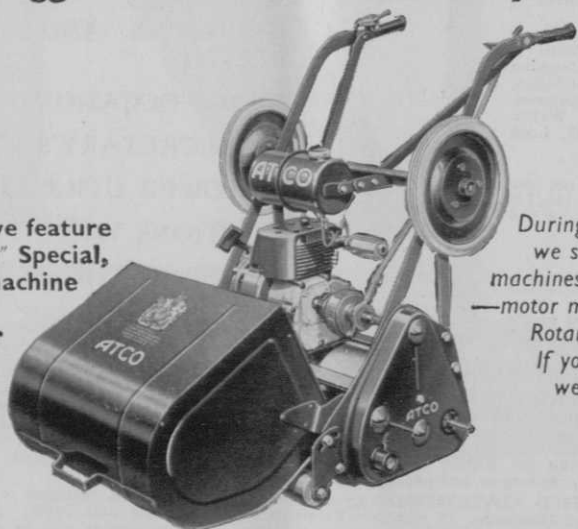
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# TEE SHOTS



by the Editor

## *Windfall*

Mr Donald Snodgrass, who died last October, has left £2,000 to the Royal Mid-Surrey Golf Club for course upkeep. He had been a member for thirty-five years.

\* \* \*

## *Three Chances*

Eton Rural Council will be asked for planning consent for a 9-hole golf course on a farm at Iver Heath. The Rural Council also has its own plans for a 9-hole course at Stoke Place. For good measure, Slough itself has ideas about an 18-hole course at Langley.

\* \* \*

## *Too Late*

Hawkstone Park Hotel and Golf Club, 12 miles north of Shrewsbury, was for sale last month. The course measures 6,315 yards and was laid out in 1920 by James Brand. Now a syndicate of members has bought it. The price is not disclosed but £70,000 was being asked for the property with 158 acres.

\* \* \*

## *Thaw*

Both Workington Golf Club in Cumberland, and Llandeilo in South Wales have received the maximum £10,000 grant from the Ministry of Education. Some Llandeilo rural Councillors are now asking why the Golf Club is favoured when they cannot get funds to extend their mobile Library Service.

\* \* \*

## *Drought no worry*

Ron Whitehead, head greenkeeper at Wheatley, Doncaster, is dreaming of a dry summer. By that time he will have pop-up sprinklers on all his greens, controlled from an 18-point master clock. The cost is estimated at £4,500. The club has also negotiated a new 75-year lease with Doncaster Corporation at £500 a year for the first 25 years.

\* \* \*

## *Inundated*

The Sports Sub-Committee of Worthing's Open Spaces Committee decided to meet golfers at Hill Barn Municipal Golf Course to discuss ways of improving the course. Now they have 133 written suggestions.

# FERTILISERS AND SPRING GROWTH

by R. V. DAVIES

**P**LANT nutrients are continuously taken up from the soil by the growing plant and the maintenance of an adequate supply of plant food through the application of fertiliser is essential to maintain satisfactory growth in turf. This is particularly true of golf greens and tees where growth has constantly to renew the foliage removed during mowing. The fertiliser requirement of fairways is less than that of greens because gang mowing returns the clippings so that the nutrient material is returned to the soil and gradually decomposed and made available to the plant again. Thus many fairways have survived quite adequately without fertiliser for ten years or more though others, on sandy or thin soil, or in areas of high rainfall where the fertiliser is washed out of the soil, require more frequent fertilising.

## Main Elements

Greens require a much more continuous fertiliser programme with regular application of nitrogen (e.g. in the form of sulphate of ammonia) at controlled rates through the growing season. Nitrogen is accepted as being the most important element in providing growth for the renewal of leafage but a supply of phosphate and potash is also essential to maintain a healthy sward. Application of the spring fertiliser provides a good opportunity to apply both these elements and ensure a supply for the remainder of the growing season. It is also argued that young growth is more demanding in its phosphate requirement and therefore spring application of this element is appropriate. Phosphates are usually applied as superphosphate with possibly small proportions of fine bone meal while potash is generally in the form of sulphate of potash.

Weather conditions for steady growth are required in spring time before this complete fertiliser is applied. Suitable conditions in a normal season should

occur round about the third week in April but unfortunately few years are "normal" and occurrence of the desired conditions will vary from year to year and between one locality and another. Therefore, the main criterion for application of fertiliser in spring is that favourable weather conditions should already be providing conditions for growth. Unfortunately, however, nature does not usually oblige by providing these conditions at the beginning of the main competition season, a fact which appears to escape a large proportion of the golfing fraternity.

## False Spring

The unwary may be caught out by a false spring at this time with a sudden flush of growth during early March which quickly subsides with no further movement for three or four weeks. The resulting soft, forced growth may also be more easily damaged. Fertiliser mistakenly applied at this time will be largely wasted as, by the time growth restarts, much of the nutrient material will have become unavailable and a supplementary fertiliser may then be necessary to boost growth at the true start of the growing season. Generally a flush of growth in March should be mistrusted except perhaps in the extreme south and west and if there is a desire to apply fertiliser at this early stage it would usually be advisable to think only in terms of a light dressing of sulphate of ammonia so delaying the complete fertiliser until more settled growth is assured.

## East Winds

An additional complication, perhaps most often experienced in the east of England and Ireland, and near coasts or other exposed positions, is the sharp easterly wind which often blows as late as May and can completely arrest growth causing discoloration by scorching leaf tips. Again it is often useful to

*(Continued on page 6)*

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### *Fertiliser and Spring Growth—continued*

follow such weather with a touch of sulphate of ammonia to get growth moving again and restore colour to the sward though it may be impractical to delay the main spring dressing in anticipation of these unpredictable easterlies. This problem cannot be completely overcome but can be reduced by working into the surface an application of good friable compost at 2-4 lb./sq. yd. in March following light wire raking. This will help to protect the grass and allow growth to resume more quickly when more favourable conditions return. Damage to the sward will also be minimised by avoiding unnecessarily close mowing.

### **Early Bite**

A temptation to apply fertiliser too early often arises where, on a course surrounded by agricultural land, the farmer is seen to obtain response to his fertiliser dressings at the beginning of March or even earlier, but the grazier is able to obtain this early bite for his stock only by using the coarser grass species such as Perennial and Italian ryegrasses often specifically selected for his purpose. The coarser grasses naturally begin growth earlier than the fine fescues and bent grasses and this often explains the advanced growth of fairways in the early part of the year as compared with greens. Difference in growth between greens on courses situated within the same district may also

be attributable to this feature where greens containing a proportion of the coarser grasses and annual meadow-grass can show greater growth than those containing a high proportion of bents and fescues, although the latter will provide the superior putting surface over the year as a whole.

### **Roots**

Though adequate supply of fertiliser is essential for growth it is of little value if other requirements are not also satisfied. In addition to the points already mentioned the condition of the turf itself will have an important bearing on the effectiveness of fertiliser applications. Nutrient material supplied by the fertilisers is taken up by the roots and a deep, well spread, root system is essential to give a good, long lasting response which does not tail off quickly. A desirable root system and consequently efficient utilisation of fertiliser can only be obtained by a full maintenance programme giving adequate attention to deep aeration and fibre control.

### **pH Level**

Over-acidity of the turf may also be responsible for poor response and the level of soil acidity should be regularly checked and corrected where necessary. In some cases nitro chalk will produce a better response than sulphate of ammonia on acid turf but this fertiliser should only be used exceptionally and with discretion.

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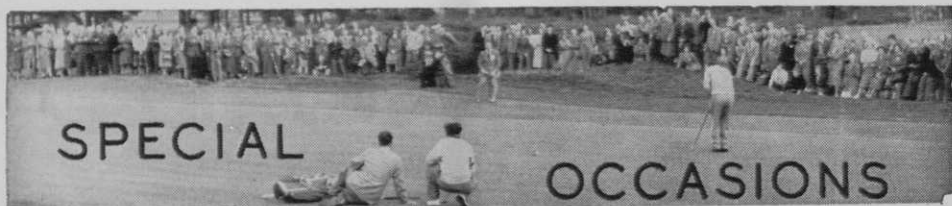
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- APRIL**            11th S.G.G.A. West, Spring Tournament, Western Gailes G.C.  
                               Welsh Spring Tournament, Llanishen G.C.
- MAY**                4th Northern Spring Tournament, West Bradford G.C.  
                               10th Southern Spring Tournament, Romford G.C.  
                               23rd North-West Spring Tournament, Davyhulme Park G.C.
- JUNE**                13th Midland Visit to Sutton & Sons Ltd.  
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## HON. SECRETARY'S NOTES

### ANNUAL TOURNAMENT — WALTON HEATH GOLF CLUB

Mr W. Mason, Secretary of the Southern Section, has kindly sent me a list of hotels in the vicinity of Walton Heath, listed below, for the benefit of members seeking accommodation for the Tournament.

#### Hotel Accommodation Within a Radius of Approximately 10 Miles

<i>Hotel</i>	<i>Telephone</i>
The Bear Hotel, High Street, Esher.	Esher 4023.
Burford Bridge Hotel, Dorking, Surrey.	Dorking 4561.
Drift Bridge Hotel, Epsom.	Burgh Heath 51663.
Hartsfield Manor, Betchworth.	Betchworth 2343.
Linden House Hotel, College Road, Epsom.	Epsom 21447.
New Bull Hotel, North Street, Leatherhead.	Leatherhead 2153.
Old Manor House, Epsom.	Epsom 4436.
Red Lion Hotel, Ockley, Dorking.	Capel 2258.
Reigate Hill Hotel, Reigate.	Reigate 43138.
White Horse Hotel, Dorking.	Dorking 2543
Whyte Hart Hotel, Bletchingley.	Bletchingley 23111.
Bridge House Motel, Reigate Hill, Reigate.	Reigate 46801.

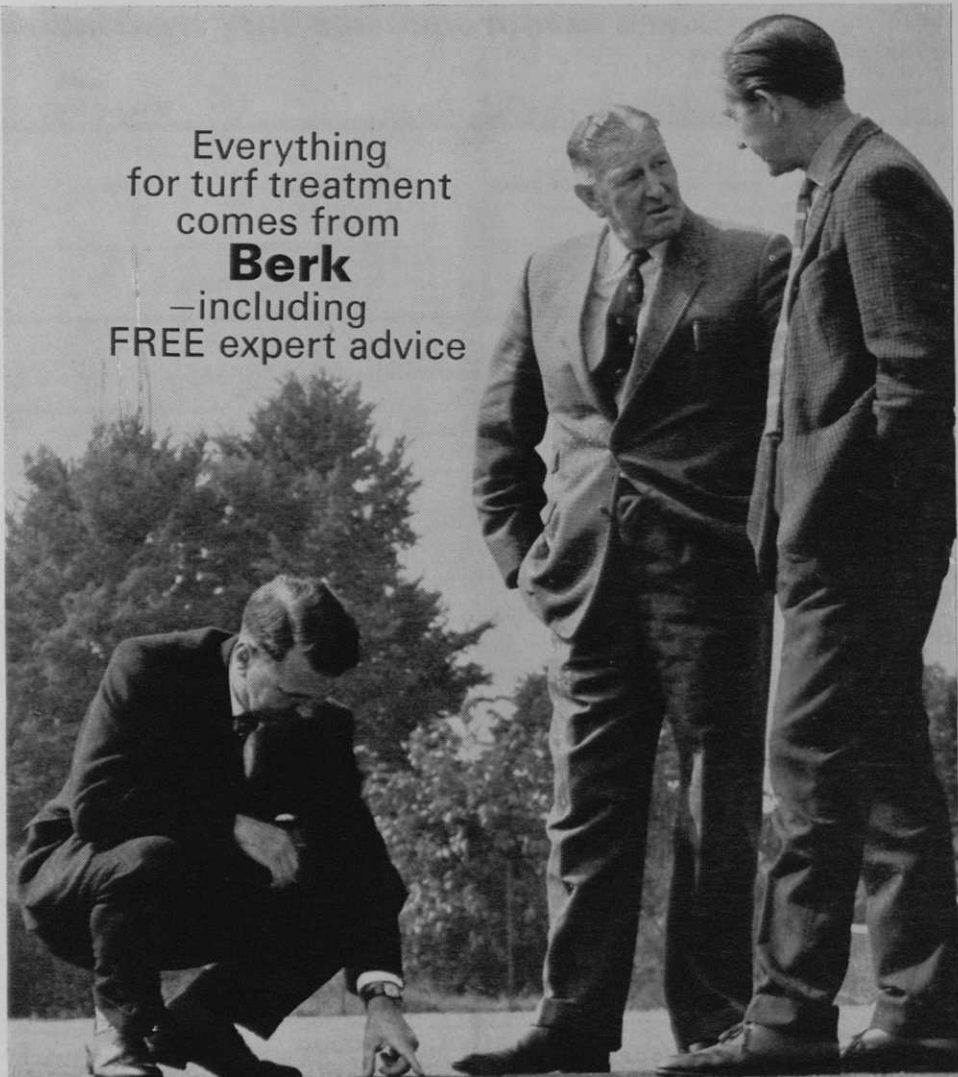
I also understand that Mr Dulake, head greenkeeper at Walton Heath Golf Club, has kindly offered his assistance to members who would prefer local accommodation in the village, if they will get in touch with him direct.

C. H. Dix.



Presentation to John Dearlove at Hallamshire Golf Club on 21st December 1966.  
Left to right: John Dearlove, Ron Whitehead, C. Grimley, Mr A. Shardlow, President,  
H. Gillespie.

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25% Chlordane Worm Killer (liquid)	1 gallon per 1000 sq. yds.	Apply in warm showery weather, Spring and Summer when worms are most active	1 gallon in 20 gallons of water
20% Chlordane Worm Killer (granular)	80 lbs. per acre	Apply in warm showery weather, Spring and Summer when worms are most active	-
<b>Feeding</b>			
Berk Spring/Summer Fine Turf Feed	5 cwts per acre, 2 ozs. per sq. yd.	March-August	-
Berk Spring/Summer Granular Fertilizer for Outfields	3 cwts per acre	March-August	-
<b>Weedkilling</b>			
Berk Weed Killer (Standard) 2.4D	2-3 fluid ozs. per 100 sq. yds.	Warm dry weather during Spring or Summer	Half gallon of water per 100 sq. yds.
Berk Weed Killer (Super) 2.4D + CMPP	4-6 fluid ozs. per 100 sq. yds.	Warm dry weather during Spring or Summer	Half gallon of water per 100 sq. yds.
Berk Clover Killer CMPP	6-8 pints per acre	April-September	20-50 gallons of water per acre
<b>Moss Control</b>			
Berk Mercurized Turf Sand	4 ozs. per sq. yd. 10 cwts per acre	Late February to June	Water in during dry spells
Berk Moss Killer	4 ozs. per sq. yd. 10 cwts per acre	Any time during the year, but especially prior to normal Autumn treatments	-
Berk Moss Eradicant	4 ozs. per sq. yd. 10 cwts per acre	Any time during the year	-
Berk Lawn Sand	4 ozs. per sq. yd. 10 cwts per acre	Early Spring to Late Summer	Water in during dry spells
<b>Fungicides</b>			
Berk Turf Fungicide	1 oz. to 40 sq. yds.	As and when necessary	Liquid-1 oz. in 2-8 gallons of water Powder-1 oz in 14 lb. of fine dry sand
<b>Top dressing</b>			
Berk Fine Turf Top Dressing (Contains Bedford Sand, Neals Kettering Loam & Fine Sedge Peat-parts by weight 3-2-1)	Spring-3 lbs. per sq. yd. 6 tons per acre Autumn-Winter-5 lbs. per sq. yd. 10 tons per acre	Late February to Mid-March Late September to late November	Ready mixed
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*From an article by Mr Orville Clapper in the December, 1966 "Turf Grass Times" with grateful acknowledgments.*

Golfers are demanding better turf every year. This means more grooming and time table scheduling of work jobs. Every man must be fully utilised from the moment he checks in until he checks out. There can be no loafing or waiting for "play-through". All this is lost time.

We'll have to water those greens, tees and fairways **at night**. It could even be better for the grass as the nights are cooler, and, with no player interference to start or stop a sprinkler, we know we have applied the amount of water scheduled.

In my own business I am facing that mountain of paper work — government forms — tax collector's duties, until we seem to be sliding backwards. And the pile is growing daily. We note that businessmen who are in the same boat are actually **calling on**, not waiting to be **called on**, data processing and other updated equipment to speed up their work with fuller utilisation of present manpower.

**Is it not about time** that club officials start co-operating with their operations and management personnel to see what is new and better in equipment or methods to accomplish greater results with their present staff ??? It is not to "keep up with the Jones" nor beat "the Jones" but to make more golf time available for the increased membership necessary to carry this increasing cost of operation.

As we drive to and from work and note the heavily loaded traffic complexes we wonder why so much time is lost — just waiting in traffic lines. Yet, we find the same good folks "a huffing and a puffing" — "dilly-dallying" in line on the first tee. With earlier starting times

*(Continued on page 17)*

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It faces towards the Law Courts, where Sir Edward Coke was intimately involved in championing the people's rights. He was called to the Bar in 1578 and later achieved fame as attorney general, Speaker of the House of Commons, and Chief Justice of the common pleas. He fought King James VI on many issues connected with the rights of the people. He finally became Chief Justice of the King's Bench — and in this position tried Sir Walter Raleigh. Earlier in his career he represented Oliver Cromwell in a libel suit.

The statue, situated on top of a 70 ft. high pedestal had split at the sides and back, due to the water trapped inside expanding as it froze. The statue has been restored by Szerelmey Ltd., who have filled the inside with cement and hardcore and stitched the terra cotta frame with non-ferrous cramps.

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RIVERSIDE 5415

(Continued from page 14)

we might accommodate even 25 per cent more golfers in a given day. Yes, we might even light the last 3 or 4 holes if necessary.

It reminds me of the little boy with the wild eyes who crams his fist into the jar of jelly beans only to find that a very limited number can come out in his hand every time he tries. We can't make the hole in the jar any larger but we can put it on the counter earlier.

We have about reached the peak in reducing the number of necessary staff so we have only two other roads open to us: (1) greater efficiency from new and more modern equipment, and (2) move into the hours of darkness for much of the "on the course" maintenance tasks.

---

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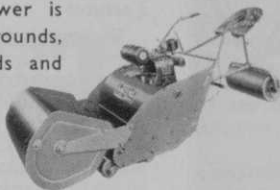
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# News



from the Sections

## SOUTHERN

**Chairman:**  
By W. Mason  
*Hon Secretary:*  
18 Albert Road, Hendon, N.W.4  
Tel.: 01-203 0245

### Lecture

AT OUR MEETING ON WEDNESDAY, 11th January, the lecture was given by Mr W. Finch, of Maxicrop Ltd. It was a most interesting talk. His main topic was the use of seaweed. Plenty of questions were asked afterwards, mostly on its effects on different soils and the amounts to be used. There was a very good attendance at this meeting. Mr J. Glass, in drawing the meeting to a close, passed a very hearty vote of thanks and hoped we should have the pleasure of Mr Finch again at some later date.

### Spring Tournament

Our Spring Tournament will be held on Wednesday, 10th May, at the Romford Golf Club. The closing date for entries will be Monday, 24th April and the draw will take place on Tuesday, 25th April. When sending along your entry will you please state your handicap and the name of your club.

### New Members

We welcome to the Section the following new members: hon. associate member Mr G. Wyatt, H. Cave.

## NORTH-WEST

**Chairman:**  
F. HALSTEAD  
(Bury Golf Club)

**By H. M. Walsh**  
*Hon. Secretary:*  
78 Hadfield Street,  
Oldham, Lancs.

### Spring Tournament

DUE TO THE KINDNESS OF THE Captain and Council of Davyhulme Park Golf Club, our Spring Tournament will be held at the above course on 23rd May and further details will be given nearer the time but I would greatly appreciate it if members could let me know as soon as possible if they will be taking part so as to make the necessary catering arrangements.

### Lectures

We are indebted to Mr Hewitt, of Atco's Service Branch, Preston, for a very interesting and instructive talk and demonstration on the maintenance and running repairs of modern mowing machines, for which I am very happy to say we had a very good attendance once again. I would like at this time to say Thank You very much to all the speakers who have come to the section to talk to us and give us the benefit of their very valuable experience and knowledge. Thank you, gentlemen.

### New Members

We welcome to the section the following new members: A Ebdon, Werneth Golf Club, Oldham; A. Styles, Jun., Reddish Vale Golf Club, Reddish, Stockport; R. R. Daniels, Hazel Grove Golf Club, Hazel Grove, Stockport; S. Lightfoot, Heaton Moor Golf Club, Heaton Moor, Cheshire, and wish them well in their careers.

## NORTH-EAST

**Chairman:**  
J. SIMPSON  
(Ponteland G.C.)

**By D. Earsman**  
*Hon. Secretary:*  
Arcot Hall Cottage  
Dudley  
Newcastle on Tyne 3

### Annual Dinner

OUR ANNUAL DINNER AND SOCIAL Evening took place at Shephard's Panorama Restaurant, Gateshead, on Friday, 27th January. It was the first of what we hope will be annual events. I am sure everyone will agree that the evening was a great success.

Our chairman, Mr J. Simpson, who thanked everyone for supporting our Dinner, said how pleased he was to see so many attending. It was a great reward for time spent in organisation and we looked forward to another next year. Vice-president Mr W Hood proposed the Toast and said a few kind words on behalf of the Section and he, too, looked forward to another next year.

I received the following letter on behalf of our ex-chairman Mr T. Auld:—

Dear Mr Earsman,

I am writing on behalf of my parents, who wish to express their sincere thanks to all members of the North-East Section for the kindness extended to them at Christmas.

My father wishes to be remembered to all, and he asked me to convey his gratitude and best wishes.

Yours sincerely,

R. AULD.

#### New Members

We welcome to the Section the following new members: J. P. Dickson, A. Phillips, K. Jones, K. M. Bell, C. S. Maule and Vice-President Mr W. Hood.

## NORTHERN

By J. Parker

Hon. Secretary:

Chairman:  
D. ROBERTS 8 Goit Stock Terr., Harden  
(West Bowling G.C.) Bingley, Yorks.

#### Spring Tournament

THE ANNUAL SPRING TOURNAMENT of the Section will be played over the course of the West Bradford Golf Club on Thursday, 4th May, by kind permission of the Captain and Committee of the Club.

#### Grand National Draw

Members are reminded that the closing date for the return of counterfoils and moneys for the draw is Monday, 27th March. Please put some identification of sender so that I know to whom to send the draw list.

#### January Lecture

This was held on the 19th January in the Clubhouse of the West Bowling Golf Club. Thirty-five members attended to hear Mr Roy Bradley, one of our vice-presidents, who took as his subject "The Trials of a Contractor". This gave members a chance to hear what can be described as the other side of the story. The speaker dealt with the many problems that a contractor can come up against. Following a period of questions the speaker was thanked and seconded by Mr D. Roberts and Mr A. Robertshaw respectively for what, I am sure, all members found to be a most interesting session.

## SHEFFIELD

By R. Whitehead

A/Sec. and Treasurer:  
1 Southmoor Avenue,  
Armthorpe, Doncaster.

G. HERRINGTON  
Chairman:  
(Lindrick)

#### Thank You

ON BEHALF OF ALL OUR MEMBERS I would like to say thank you to John Dearlove for the service he has given to our

Section during the time he has been secretary and wish him every success in his new job at the Wilderness Golf Club.

#### Presentation

At the Hallamshire Golf Club on 21st December the Committee decided to present John with a silver salver and our president, Mr A. Shardlow, and Mrs Shardlow, came along to make the presentation.

#### Lecture

Twenty-six members attended the January lecture at the Brunswick Hotel. The speaker was Mr D. N. H. Hicken, Lawns and Sports turf adviser to David Miln & Co. Ltd., Chester. Mr Hicken gave a most interesting talk on the subject of grass seeds and I am sure everyone present went home a little wiser. Our chairman, G. Herrington, thanked Mr Hicken and said that it had been a most interesting talk and that he would be pleased to see him give a further talk in the near future.

#### Congratulations

Our congratulations to Henry Gillespie on his appointment as Head Greenkeeper at the Hillsbro Golf Club.

## WELSH

By S. A. Tucker

H/Sec. and Treasurer:  
R. WHITEHEAD,  
1 Southmoor Avenue,  
Armthorpe,  
Doncaster.

Chairman:  
M. GEDDES  
(Royal Porthcawl)

#### Spring Meeting

I AM VERY PLEASED TO ANNOUNCE that the spring meeting will be held at the Llanishen Golf Club, by kind permission of the Captain and Committee, on Tuesday, 11th April. Will you please let me have your entries not later than 2nd April so that all catering arrangements can be made?

#### Annual General Meeting

Our Annual General Meeting will be held at the Royal Porthcawl Golf Club on 20th June. More about that in a later issue.

#### Autumn Meeting

I am hoping to be able to arrange for the autumn meeting to take place at the Pennard Golf Club on 4th October. I am waiting for a reply to my request.

#### Mr J. Beaumont

Our best wishes to Mr J. Beaumont on his new post up north. We wish you every success and luck in your new job. I am sorry

we have lost a good member but our loss is Northern Section's gain.

## MIDLAND

By R. Goodwin

Chairman:  
G. HART  
(Gay Hill)

Hon. Secretary:  
167 Birmingham Road  
Lichfield, Staffs.

### Visit

THE VISIT TO SUTTON & SONS LTD., Reading, has been arranged for Tuesday, 13th June. Will members who wish to go please let me have their names as soon as possible. A coach has been booked and will pick up members at the King's Head, Bearwood, at 7.30 a.m. and at the Hall of Memory, Birmingham, at 7.45 a.m. Please be punctual for a prompt start.

### Annual Match

The Annual Match between the President's Team and the Greenkeepers at Handsworth Golf Club is to be held on Thursday, 22nd June.



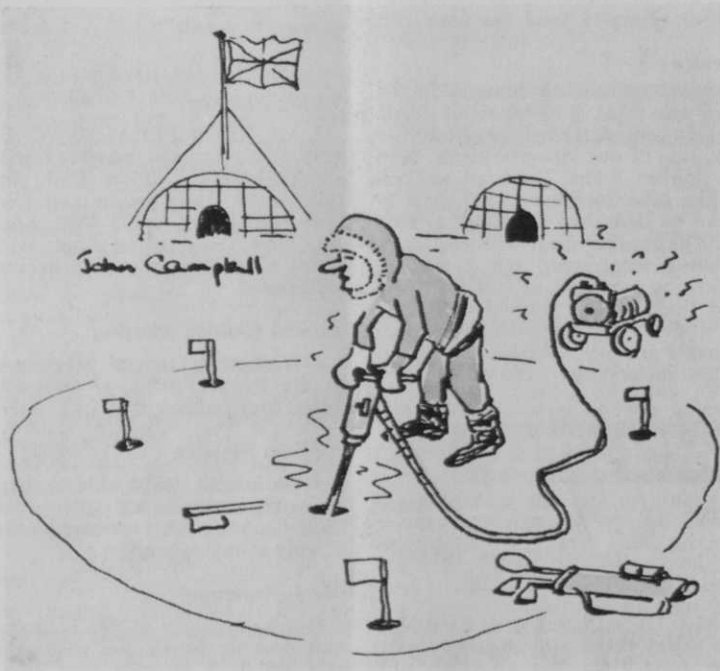
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## *Mrs Greenkeeper's Own Corner*

*with Ann Mawson*

Oranges should still be good, and as they are rich in Vitamin C, we really should make the most of them. There are so many different ways we can use them, and here are a few.

### **Orange Squash**

1 orange, 1 teaspoonful of demerara sugar, soda water.

Squeeze the juice into a tumbler, add the sugar and stir until the sugar has dissolved.

Add soda water and serve.

### **Orange Souffle Hot**

1½ oz. margarine, 2 oz. flour, 1 gill of milk, rind of 1 orange, 1 gill of orange juice, 2 oz. sugar, 3 eggs.

Mix the margarine and flour over a gentle heat and add the milk slowly, grated orange rind and juice; stir until boiling, remove from the heat, add the sugar and when slightly cooled, stir in the egg yolks. Whip the whites stiffly and fold into the mixture; turn into a greased souffle tin and steam very gently for 50 minutes or until well risen and set; turn out carefully and serve with orange sauce. To serve four people.

### **Orange Sauce**

1 large orange, 1½ oz. sugar, water, 1 teaspoonful of arrowroot.

Wash the orange and cut the rind off in thin strips (avoiding any white pith), now cut the strips into shreds. Remove the juice and make the liquid up to half a pint with water. Place the arrowroot, sugar and orange shreds into a small pan; add the liquid slowly, stir

until boiling, allow to simmer for 3 minutes then serve.

### **Orange Salad**

4 oranges, 2 oz. chopped nuts, 1 oz. coconut, 2 oz. brown sugar.

Remove the rind from the oranges, leaving no white pith. Cut them into thin circles, and remove any pips. Place the orange circles in a glass dish; sprinkle over first with the finely chopped nuts, then the coconut and lastly the sugar. Now leave in a cool place for at least 1 hour. To serve 4 people.

### **Orange Fritters**

2 oranges, caster sugar, deep fat for frying, milk, 1 egg, salt, 2 tablespoonfuls of flour.

Mix the flour and salt together in a bowl, and make a well in the centre. Drop in the egg and 1 tablespoonful of milk and beat in the dry ingredients from the sides of the bowl. Add sufficient milk to make a coating consistency. Beat well, cover and allow to stand in a cool place for 1 hour. Skin the oranges, peeling them like you would an apple, cut into circles, remove pips and dust with sugar, dip each slice into the batter, making certain the orange is well coated. Place into smoking hot fat and keep in motion until the fritter is a golden brown. Drain in soft paper and toss in sugar, and be sure to serve immediately.

To serve 4 people.

—Until April . . .

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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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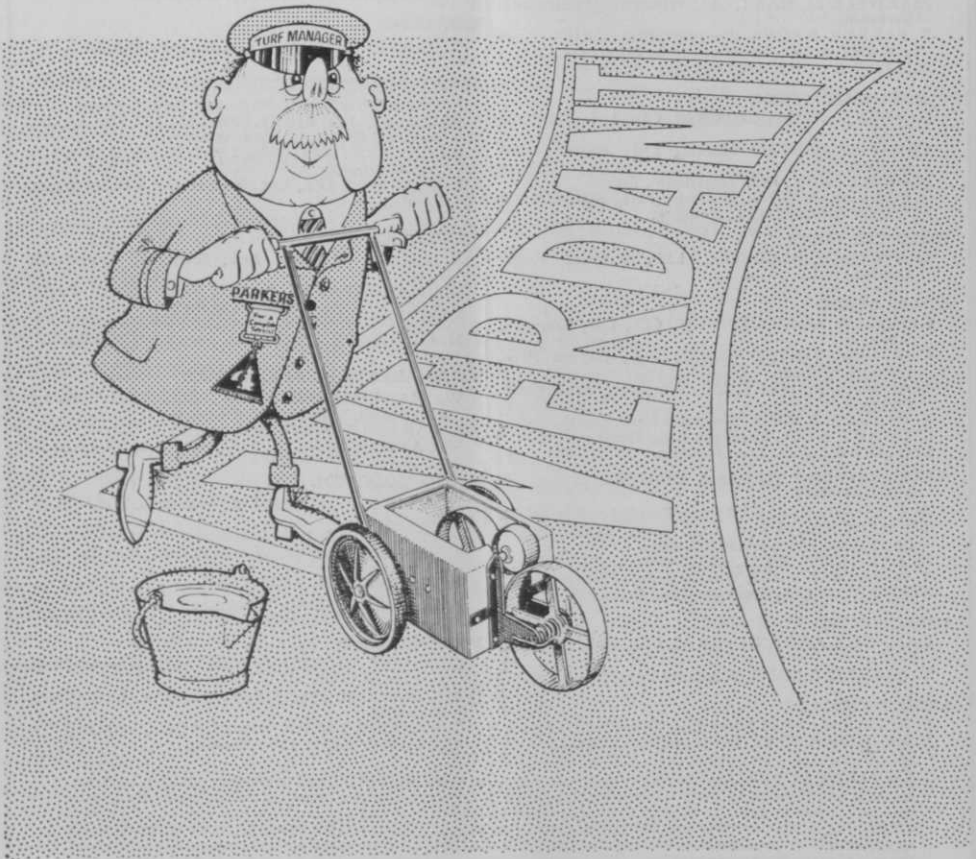
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