The driving out of the toxic elements is accomplished by natural thermophyllic bacterial activity as a result of the great heat generated in the stack, the following tables giving the results obtained.

Physical Properties of Bark

1. Long life. Bark will last for up to 5 years in the soil, providing valuable humus and up to 3 years as a mulch at 5.08 cm.

2. High Moisture Retention. Due to corky texture, Bark has a very good moisture retention and yet allows free percolation of rain and fertilisers.

3. Suppresses Weeds. Due again to corky texture, Bark effectively resists penetration of wind blown weed seed and also prevents wind erosion of the soil.

4. Good Aeration Qualities. Due to the resilience and non-coherence of the particles it is virtually impossible to over-water Bark. Also it does not compact, i.e. 'fall in the pot'.

5. A Natural Pest Repellant. Due to its texture and the initial presence of a small amount of monoterpenes not injurious to plants, slugs do not like it. (Report by the John Innes Institute at Chelsea, 1973).

6. Contains a small amount of Plant Nutrients. See University of Reading Analysis under:


<table>
<thead>
<tr>
<th>Component</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dry Matter</td>
<td>48.21%</td>
</tr>
<tr>
<td>Nitrogen</td>
<td>0.309%</td>
</tr>
<tr>
<td>Nitrate Nitrogen</td>
<td>15.5 ppm</td>
</tr>
<tr>
<td>PH</td>
<td>4.70</td>
</tr>
<tr>
<td>Conductivity</td>
<td>6.50</td>
</tr>
<tr>
<td>Available Potassium</td>
<td>180 ppm</td>
</tr>
<tr>
<td>Available Phosphorus</td>
<td>88 ppm</td>
</tr>
<tr>
<td>Available Magnesium</td>
<td>240 ppm</td>
</tr>
</tbody>
</table>

Products and uses

Three grades of Bark are produced. Chunky, Peanut and Fine. Chunky is at present in limited supply and its use is confined mainly to Orchid Growers. Peanut and Fine are both equally suitable for Soil Conditioning and Mulching, have a pleasing appearance and are good Weed Suppressors. When using as a Mulch or Soil Conditioner the use of a small amount of Nitrogenous Fertiliser at say 56.698 grammes per sq. metre is recommended. This is to stop the denitrification of the soil by Microflora which need nitrogen to break down the bark. In practice, however, bark has been put down without fertiliser without harmful results, notably at Surrey University and Highdown Chalk Gardens at Worthing. A fortified fine grade bark is also produced for top dressing of Rose Beds and Rockeries and for general growing and potting. This contains a Slow Release Fertiliser with Chelated Trace Elements and is becoming well known by the Amateur Gardener.

Weight/Volume Ratio. 1 tonne = 4.572 cubic metres when properly applied. Coverage at 5.08 cm depth = 82.296 sq. metres.

Some users of Bristol Bark


Consultancy Service

Further advice and On-Site appraisal may be obtained from Bark Products Bristol Ltd.
HEAD GREENKEEPER — ABBEY HILL GOLF COURSE (REF. R69)
Salary on Scale £1,926 — £2,535 per annum

Applications are invited for the position of Head Greenkeeper at Abbey Hill Golf Course which is at present under construction in the New City of Milton Keynes and will be opening in 1975. This is an 18 hole, 6650 yard course including a practice area, putting green and possibly other facilities in the future. The successful applicant will be involved in the initial maintenance and upkeep of all grass areas, the automatic watering system, plant and equipment.

The salary scale quoted is at present subject to national review and in addition a threshold payment is at present payable. Housing accommodation can be provided and assistance given with house purchase and removal expenses.

Application forms are obtainable by telephoning or writing to the CHIEF PERSONNEL OFFICER, BOROUGH OF MILTON KEYNES, PO BOX NO. 111, SHERWOOD HOUSE, SHERWOOD DRIVE, BLETCHLEY, MILTON KEYNES, MK3 6QE. (TEL MILTON KEYNES 71171 EXT. 423). Closing date 20th September, 1974. Please quote reference number when enquiring.

HEAD GREENKEEPER
for
BELVOIR PARK GOLF CLUB

This is a parkland Golf Course, with automatic watering system and modern equipment available. Rent-free house. Salary negotiable. Apply, stating experience, to:

SECRETARY/MANAGER,
BELVOIR PARK GOLF CLUB,
CHURCH ROAD,
NEWTOWNBREDA,
BELFAST, 8.
Greenkeepers Wages

In March 1974 the Executive Committee reconsidered the figures, and now suggest the following:

<table>
<thead>
<tr>
<th>Position</th>
<th>Holes</th>
<th>Minimum Pay (GBP)</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Head Greenkeeper</td>
<td>36</td>
<td>£3,000 p.a.</td>
<td>(plus accommodation 4 weeks holiday and B.G.G.A. Subs.)</td>
</tr>
<tr>
<td>Head Greenkeeper</td>
<td>27</td>
<td>£2,750</td>
<td></td>
</tr>
<tr>
<td>Head Greenkeeper</td>
<td>18</td>
<td>£2,500</td>
<td></td>
</tr>
<tr>
<td>Head Greenkeeper</td>
<td>9</td>
<td>£2,250</td>
<td></td>
</tr>
<tr>
<td>First Assistant</td>
<td></td>
<td>£2,000</td>
<td>and 3 weeks holiday.</td>
</tr>
<tr>
<td>Assistant</td>
<td></td>
<td>£1,750</td>
<td></td>
</tr>
</tbody>
</table>

40 Hour Week

Plus Statutory holidays.

---

Golf course watering problems solved! with CAMERON IRRIGATION

No-one knows more about golf course irrigation than Cameron. Look at these two great sprinkler systems you can choose from.

**CAMERON - FIRST IN POP-UP SPRINKLERS**
With Cameron Automatic Pop-Up Sprinklers plus the Cameron Electronic Control Panel, you can water your course any time you like, even apply fertiliser and disperse dew — automatically! Save labour, cut costs!

**GEKA QUICK RELEASE HOSE COUPLINGS.** Made in Brass. Save time, money, labour.

**PLASTIC PIPE & FITTINGS.** Complete range available.

**TRICOFLEX HOSE.** The bright yellow lightweight, reinforced plastic hose built to last. Always supple; non-kinking.

**FREE ADVICE.** Contact us when you have an irrigation problem. Any time. Write or telephone NOW for details. 24 hour answering service.

**CAMERON PUTS WATER TO WORK**

CAMERON IRRIGATION CO. LTD.,
Harwood Industrial Estate, Littlehampton, Sussex.
Telephone: Littlehampton 3985 (5 lines)
The Corporation has promoted the development, to high standards, of a new 18-hole Golf Course which will, after completion, be leased to a commercial operator. Work on the course is in progress.

In order that the future operator of the course can inherit the services of a Head Greenkeeper with full knowledge of the course, its construction, materials and drainage, the Corporation seeks to make an appointment to the above position. The successful candidate will initially liaise with the Golf Course Architect and the Contractors, involve himself in all aspects of the construction and fully acquaint himself with the physical characteristics of the course. Upon completion of the course the successful applicant will become fully responsible for its day-to-day maintenance. In order to ensure continuity of employment a condition of the disposal of the course will be that the successful applicant will transfer to the employ of the eventual operator at an equivalent salary.

Application Forms, which should be returned by Monday, 23 September 1974, can be obtained from:

The Secretary, Warrington New Town Development Corporation, P.O.Box 49, 80 Sankey Street, WARRINGTON, WA1 1SR.
Special Occasions

Sept. 6 Southern Section Buffet/Dance—West Essex G.C.
11 Welsh Section, President’s Shield—Pennard G.C.
11 Southern Section Autumn Tournament — Burnham Beeches Golf Club.
18 East Midland Autumn Golf Tournament — Chilwell Manor G.C.
18 Midland Section Autumn Tournament — Handsworth G.C.
26 North-East Section Autumn Tournament 27-Hole—Tee off 9 a.m.—Tyneside G.C.

Oct. 1
& 2 Southern Section Secretary’s Match—Stoke Poges G.C.
9 North-West Section Autumn Tournament—Priest­bury G.C.
10 First Winter Lecture—Speaker: R. L. MORRIS Snr. Turf Horticulturist at Levington Research Station. Venue: Whitbreads Social

Midlands Section

Chairman: G. HART
Hon. Secretary: R. GOODWIN
2 Greenkeepers Cottage, Ashridge G.C.
Ashridge Park, Berkhamsted, Herts.

Annual General Meeting

The A.G.M. was held at Habberley Golf Club on Monday, 15th July. Mr. Bretherton was re-elected President.

The Vice-Presidents were re-elected en bloc, with the addition of Mr. F. Stanbridge and Mr. J. B. Franks.

V. Smith was elected to be Chairman.

R. Smith was elected Vice-Chairman.

A. Kite and D. Haynes were elected as Joint Secretaries.

A. Jamieson was elected Treasurer.

The following were elected to form a Committee:


V. Smith was elected as the Section Representative to the Executive Committee.

The Secretaries Honorariums to be £30.00.

A unanimous vote of thanks was extended to G. Hart, retiring Chairman, F. Cashmore, the retiring Treasurer and R. Goodwin, retiring Secretary.
Woodward with a score of 77—Holdall. The Prizes were presented by Mr. Humphreys, the Captain of Habberley, who extended a warm welcome to Greenkeepers and hoped the day had been enjoyable for all. John Grealy had the course in fine condition and Mrs. Grealy and her lady helpers provided us with first class meals throughout the day. Frank Cashmore, Peter Wyatt, and Ron Huntley, looked after the Score Cards and our thanks are also given to the Prizes Doners. The majority of Prizes were given by the Members and Directors of Habberley Golf Club. Our thanks also to Mrs. Grealy, John Grealy, “Toro” and “Cannock Agricultural”. I would also like to thank the Captain of Habberley for allowing us the courtesy of the course and Clubhouse.

The Gross Prize was won by G. Woodward with a score of 77—Holdall. The Prizes were presented by Mr. Humphreys, the Captain of Habberley, who extended a warm welcome to Greenkeepers and hoped the day had been enjoyable for all. John Grealy had the course in fine condition and Mrs. Grealy and her lady helpers provided us with first class meals throughout the day. Frank Cashmore, Peter Wyatt, and Ron Huntley, looked after the Score Cards and our thanks are also given to the Prizes Doners. The majority of Prizes were given by the Members and Directors of Habberley Golf Club. Our thanks also to Mrs. Grealy, John Grealy, “Toro” and “Cannock Agricultural”. I would also like to thank the Captain of Habberley for allowing us the courtesy of the course and Clubhouse.

Day Trip to “Toro” at Darlington

A visit to “TORO”s Factory at Darlington has been arranged for Tuesday, 12th November. The coach will leave the car park between the Civic Centre and Bingley Hall, Broad Street, Birmingham, at 7.00 a.m. The coach is free and a meal will be provided by our hosts at Darlington. Please let me know by end of October if you are coming.

The British Golf Greenkeeper
South Coast Section

Chairman: Hon. Secretary:
MR. E. R. JAMES (MRS.) N. M. STIMSON
Nth. Wilts. G.C.
Devizes.

All Members are reminded that the Autumn Tournament will be held on Monday 28th October, 1974 at Parkstone Golf Club, by courtesy of the Committee. Tee-off—9.30 a.m. 27-Hole Stableford. Members are invited to bring one guest (entry fee £2.75p each).

Entries, together with current golf handicaps should be sent to Mr. E. Fox, Tournament Organiser, c/o Huxley’s Machinery, The Dean, New Alresford, Hampshire, not later than Tuesday, 15th October 1974. Cheques and postal orders to be made payable to B.G.G.A. South Coast Section please.

The Winter Programme of Lectures will be held at ALRESFORD Golf Club on the first Tuesday of each month, November to February inclusive at 7 p.m. The March lecture will be held at Huxleys premises, New Alresford, at 7 p.m.

Our congratulations to Trevor Smith on his recent promotion to First Assistant at Parkstone Golf Club.

P.S. We welcome to the Section the following Honorary Members, and hope their association with us will be a long and happy one:—
J. L. Collins (Chipman Ltd)
Roffey Bros. Ltd.

North West Section

Chairman: Hon. Secretary:
E. WALSH H. M. WALSH, ESQ.,
Old Links G.C.
Montserrat, Bolton,
Tel: 40050

Thanks

On behalf of the members of the section I would like to say “Thank you very much” to the Captain and Council of Swinton Park Golf Club, Manchester for their kindness in granting us the use of their club house for the purpose of our committee meetings and our series of winter lectures (which by the way will be starting again in October). Their kindness is greatly appreciated. Thank you once again gentlemen.

Autumn Tournament

As stated in the previous issue of the journal the Autumn tournament will be played over the Prestbury Golf Club’s course on Thursday October 10th. Tee off from 9.00 a.m. Will all members who intend to be present please inform me as soon as possible, so that I can make the necessary catering arrangements. As usual it will be over 27 holes and a competition for members guests over 18 holes will also be played. The full address of the club is as follows:—

Northern Section

Chairman: Hon. Secretary:
J. SCOTT W. HEELES, ESQ.,
Wetherby G.C.
7 Tentergate Close,
Knaresborough, Yorks,
HG5 9BJ.
Tel: K’boro 3851

Amended Handicaps

The following Handicaps have been amended.
A. Robertshaw 7 to 8
R. Barnes 6 to 7
C. Geddes 14 to 12
G. Bennison 9 to 10
J. E. Storey 15 to 14
A. Burge 18 to 17
H. Marshall 19 to 14
J. G. Redhead 19 to 17
R. Emsley 18 to 16
R. Smith 19 to 18
J. L. Grierson 24 to 21
H. Shaw 18 to 16
P. Carter 24 to 22

W. Heeles,
Hon. Secretary.
TOP QUALITY TURF DOES NOT GROW...

...WITHOUT the use of the finest seeds and fertilisers.

Parkers have spent many years perfecting their VERDANT range of GRASS SEEDS and FERTILISERS which is why they are used by leading groundsmen and greenkeepers everywhere.

Why make do with second rate turf when you could have a VERDANT SWARD.

And once your sward is established Parkers can provide you with a complete range of materials and equipment to ensure that this perfection is maintained.

People who KNOW go to PARKERS

Why not join them on Stand 3, Avenue F, at Motspur Park, where a warm welcome will await you?

T. PARKER & SONS (Turf Management) Ltd.,
Worcester Park, Surrey, KT4 7NF
Telephone 01-337 7791 01-337 0861 (10 lines)
Lectures
The winter series of lectures will once again be held at Swinton Park Golf Club. The first will be given by Mr. P. Wyatt of Pattissons on a date in October which will be finalised for the next issue of the journal.

New Members
We welcome to the Section the following new members and hope their association with us will be a happy one.
A. F. Milburn, Bury Golf Club, Bury, Lancs.
Honorary Member. Reg. Daniels. The Garden Centre, Wigan Road, Leyland, Preston.

Southern Section
Chairman: Hon. Secretary:
F. W. FORD F. W. FORD
(South Herts)  68 Salcombe Gardens,
Tel: 01-959 2847

Obituary
It is with great sadness that I report the death of our friend and President for the past 10 years, Jack Wallace-Arthur. He died in Barts Hospital on Saturday 6th July, 1974.

We all knew that Jack had been suffering a great deal for the past 18 months but although he couldn’t make the stairs at The George, he still turned up to wish us well at the meeting. He will be missed by all.

The cremation took place at the well attended Marylebone Crematorium and the Southern Section was represented by Chic Davidson and myself. Our deepest sympathy goes to his widow, Mrs. Wallis-Arthur, from whom I received the following letter:

Dear Mr. Ford,
Would you kindly thank all Jack’s friends in the Southern Section of the B.G.G.A. for the lovely flowers. It was very kind of them.
He considered it a great honour to be their President and was only sorry that he was unable to attend more often and stay to the end of your meetings over the past 18 months.
My only consolation at the present time is that he is no longer suffering.
With kindest regards,
Yours very sincerely,
Iris Wallace-Arthur.

Inter-Section Match
After many “Pow-Wow years”, the Southern Section met the Midland Section in a 12-a-side match at the Crews Hill Golf Club and despite the deluge in the early hours, the occasion proved to be an outstanding success.
We are all now looking forward to our next meeting in 1975 which will be in the Midland area.
We all enjoyed the good food arrangements at Crews Hill, the courtesy of the new Club House and course, the hard work put in as Mine Host by Eric Johnson and the hilarious entertainment conclusion by Stan Taylor, a member of the club and a most versatile dialect comedian. It is hoped that he will accept our invitation to the Autumn Tournament at Burnham Beeches.
We were all pleased to see George Hart still playing good golf off 8 at 72 and our friend from Bognor Regis, Archie Creese.
The Golf was a win for the Southern Section by the narrow margin of one match and the prize, the BOB CRAIG trophy, was presented by David Craig.

New Members
A warm welcome to the following new members whose names are listed below:
M. G. Hawtree and J. H. Davis (Class E). D. Cross (Maxwell Hart) and to T. Higgins now Head Greenkeeper at Orsett transferred from the Scottish Association.

Job Changes
G. N. BROWN (CLASS A)
FROM MANNINGS HEATH TO CROHAM HURST
D. WELLS (CLASS A)
FROM BELFAIRS TO ROCHFORD
F. MACE (CLASS A)
FROM HENDON TO HARTSBORNE MANOR
P. AINSWORTH (CLASS A)
FROM BUSH HILL PARK TO JOHN LEWIS (NEW COURSE)
A. J. NEVILLE (CLASS B)
FROM GOG MAGOG TO BARR HIL (NEW COURSE)
F. WING (CLASS C)
FROM ST. LEONARDS TO ALDENHAM (NEW COURSE)

October Lecture
As stated in previous Journal the lecture programme will commence at 6.30 p.m. on Wednesday 16th October, 1974 at Whitbreads Social & Sports Club, Chiswell Street, London, EC1Y. Telephone 01-606 4455. The Speaker will be R. L. MORRIS, Senior Turf Horticulturist at Levington Research Station.

F. W. Ford, Hon. Secretary.

Welsh Section
Chairman: Mr. J. MARTIN
Hon. Secretary: T. M. JONES
3 The Glebe, Bishopston, Swansea
14 Tanyrallt Road, Clydach, Swansea.

Our June meeting was held at Southerdown Golf Club on Tuesday 25th. The weather was very windy making golf pretty hard but as the day went on the weather improved for us and an enjoyable day was had by all. The prizes were presented to the following:—

Senior's versus Captain's match was held at Kibworth Golf Club on Wednesday 12th June, 1974. The Captain's team once again won. The weather was terrible, rained all the match, but a very good time was had by all. Our thanks to Kibworth Golf Club for allowing us the courtesy of the course, to the steward and inside staff for a lovely meal, to Mrs. Darby and Mrs. Mott for the starting and raffle.

S. Fretter, Secretary.

Fast Midland Section
Chairman: G. DARBY
Hon. Secretary: S. FRETTER, ESQ., 4 Queens Drive, Leics. Forest East.

Annual Spring Tournament
I would like to thank Toro Ltd for the prize they gave us for our Spring Tournament, and apologise for not having done this in the write up of this tournament.

The President's versus Captain's match was held at Kibworth Golf Club on Wednesday 12th June, 1974. The Captain's team once again won. The weather was terrible, rained all the match, but a very good time was had by all. Our thanks to Kibworth Golf Club for allowing us the courtesy of the course, to the steward and inside staff for a lovely meal, to Mrs. Darby and Mrs. Mott for the starting and raffle.

S. Fretter, Secretary.

Hon. Secretary:
T. M. JONES
14 Tanyrallt Road, Clydach, Swansea.

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Seniors

<table>
<thead>
<tr>
<th>Name</th>
<th>Score</th>
</tr>
</thead>
<tbody>
<tr>
<td>D. J. Rees of Neath</td>
<td>68</td>
</tr>
<tr>
<td>A. Price, of Carmarthen</td>
<td>71</td>
</tr>
<tr>
<td>T. Thompson of St. Pierre</td>
<td>75</td>
</tr>
</tbody>
</table>

Juniors

<table>
<thead>
<tr>
<th>Name</th>
<th>Score</th>
</tr>
</thead>
<tbody>
<tr>
<td>W. Jones of Southerdown</td>
<td>78</td>
</tr>
</tbody>
</table>

Mr. Bird kindly gave golf balls to be presented.