

NOVEMBER
1969 1/-

The
British Golf

Greenkeeper



**SUCK UP
LITTER WITH
PARKAVAC**

PARKERS

This simple to use pedestrian machine does not require a road licence, nor its operator a driving licence. Maintenance costs are low and the machine works equally well on Grass, Gravel, Cinder or other surfaces.

Suction action gathers leaves, cartons, tin cans, grass cuttings, lolly sticks, cigarette ends and paper (including folded newspapers). Price includes 4 Hessian Bags £95



**For a
Complete
Service**



T. PARKER & SONS (Turf Management) LTD.
WORCESTER PARK - SURREY - Tel: 01-337 7791 } 10 lines
01-337 0861 }



By Appointment to
Her Majesty the Queen
Charles H. Pugh Ltd.
Motor Mower Manufacturers

For another year of perfect mowing...



**REMEMBER
BEFORE
DECEMBER**
to contact your
ATCO
Branch

Every year, December to March are the peak months for mower servicing and even the nation-wide ATCO Service Organisation is fully extended. That's why we advise professional users *particularly* to get their machines in *early* and avoid the queue. It's also the ideal time to discuss your new machinery requirements with your local Atco representative. Our constant aim is to offer the finest service to *all* ATCO owners. It will help us to help *you* with a quick return of your mower in first-class order, or early delivery of new machines, if you contact your local ATCO Branch EARLY.

BIRM'NGHAM (Warks.)
1210 Stratford Road,
Hall Green,
Birmingham 28
Tel: 021-777 7111-3

CHEPSTOW (Mon.)
Castleford, Tutshill,
Chepstow, NPS 7YJ
Tel: Chepstow
2732, 2114

DARLINGTON (Co.Durham)
McMullen Road,
Darlington.
Tel: Darlington
2671, 66939

EXETER (Devon)
Marsh Green Road,
Marsh Barton,
Exeter, Devon.
Tel: Exeter 73882, 54017

NEWMARKET (Suffolk)
176 Exning Road,
Newmarket, Suffolk.
Tel: Newmarket
2539, 2632

PRESTON (Lancs.)
The Grove, School Lane,
Longton, Nr. Preston,
Lancs, PR4 4SA
Tel: Longton 2451-2

READING (Berks.)
Boulton Road,
Reading, Berks.
Tel: Reading 84258-9

REIGATE (Surrey)
Albert Road North,
Reigate, Surrey.
Tel: Reigate
45731-2-3-4-5

SCOTLAND
Industrial Estate,
Larkhall, Lanarkshire.
Tel: Larkhall 370, 371

SHEFFIELD (Yorks.)
Rotherham Road,
Eckington, Sheffield,
S31 9FH
Tel: Eckington
(Derbyshire) 2373-4

THE BRITISH GOLF

GREENKEEPER

HON. EDITOR: F. W. HAWTREE



FOUNDED 1912

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

President:

CARL BRETHERTON

Vice-Presidents:

SIR WILLIAM CARR
GORDON WRIGHT
F. W. HAWTREE
S. NORGATE
I. G. NICHOLLS
F. V. SOUTHGATE
P. HAZELL
W. KINSEY

Chairman:

H. A. D. FRY
Heathercroft
6 Northway, Bishopston
Swansea, Glam.

Vice-Chairman:

A. ROBERTSHAW

Hon. Secretary & Treasurer:

C. H. DIX
Addington Court G.C.
Featherbed Lane
Addington, Croydon, Surrey
CRO 9AA

Executive Committee:

Carl Bretherton (President)
G. Herrington E. W. Folkes
R. Goodwin S. Fretter
J. Parker J. Simpson
A. A. Cockfield H. M. Walsh
H. Fry (Jun.)

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. 295 New Series

NOVEMBER 1969

NOVEMBER

CONTENTS

PAGE 3	TEE SHOTS
4	DEEP BUNKERS ARE SAFEST IN A THUNDERSTORM
6	MINUTES OF B.G.G.A. ANNUAL GENERAL MEETING
10	EIGHTEEN HOLES WITH HAWTREE—No. 7
13	HON. SECRETARY'S NOTES
16	DRAW ACCOUNT DRAW WINNERS
17	NEWS FROM SECTIONS
19	SITUATIONS VACANT
20	MRS GREENKEEPER

EDITORIAL AND ADVERTISEMENT OFFICES: Addington Court Golf Club, Featherbed Lane, Addington, Croydon, Surrey. Telephone: 01-657 0281. SUBSCRIPTION RATE: 15/6 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). 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.

Maintain your reputation for fine turf during the Autumn/Winter season.



Many acres of fine turf all over the country show the results of combining your skill and experience with Fisons reputation for unvarying quality.

But to keep your fine turf up to your high standards season after season, it must be fed during the Autumn and Winter months to promote strong root development and aid recovery from the ravages of the past season. To help you, Fisons introduce Greenkeeper One.

Greenkeeper One, like Greenkeeper Two, is light-weight, granular peat impregnated with a scientifically balanced ratio of nutrients.

Clean and easy to apply, and very economical in application, it is the easiest way we know to make sure your turf has the best possible start next Spring.

For further information drop a note to Fisons Cambridge Division, Harvest House, Ipswich, Suffolk.

 **FISONS**

TEE SHOTS



by the Editor

The Easthampstead municipal course project is still only a fond dream of the three local authorities concerned. Negotiations to acquire the necessary land have fallen through. R.D.C. and Berks County Councillor Sir Louis Dickers is reported as saying: "This is a tragedy of the first order".

* * * *

Seventy-three local residents objected to the siting of two holes on Sheffield's new miniature golf course in Longley Park. Members of the Recreation Committee visited the course and played a round. Result? Two holes will be re-sited this autumn and opening will take place in early spring.

* * * *

Fifty-year-old Arthur Ready, a non-golfer, is converting an old football pitch near Brentwood, Essex, into a driving range. About £10,000 is being spent on the 12-cubicle range with floodlights, water splashes and the old clubhouse which will become the new 19th.

* * * *

The Ministry of Housing and Local Government has overruled the Aldridge Brownhills Council's refusal to allow 136 acres of agricultural land to be used for a new golf course. The Minister agreed with his inspector that this part of the Midlands has less than the national average of golf facilities in relation to the population.

* * * *

Peel's 18-hole course, one of the Isle of Man's best tourist amenities, is threatened by a plan to open a second sand pit on adjoining land. Removal of the sand would have to be across the links.

* * * *

ANNOCK Grass Seeds

FOR HIGHEST PURITY AND GERMINATION

SEND NOW FOR OUR FREE 'GREENKEEPING' CATALOGUE

THE CANNOCK AGRICULTURAL CO. LTD., CANNOCK, STAFFS

DEEP BUNKERS ARE SAFEST IN A THUNDERSTORM

by PETER HEFFORD

The tragedy which befell a Hertfordshire man while on a golfing holiday in Norfolk a few weeks ago reminds us sadly that golf is not always a safe and tranquil game. Playing in a four-ball at Thetford Golf Club, Richard Clarke, of Harpenden, was struck by lightning and killed. Maurice Robson, of Sarratt, was badly burned and taken to hospital.

The coroner at the inquest on Mr Clarke commented that the only safe thing for a golfer to do during a storm is to go off the course and go indoors.

Naturally this is the soundest advice — but it is not easy advice to carry out on the average golf course.

The nearest shelter is usually a mile or so away. It is not considered safe to stand beneath trees. Although the golfer has a bag full of steel shafted clubs he is disinclined to abandon such valuable property in the middle of the course.

The record books include an unfortunate number of cases of golfers struck by lightning — enough to be significant. The most widely publicised case in recent years was that of the brilliant Scotland and Tottenham Hotspur footballer, John White, who was killed on the course while playing at Enfield.

Some players complain that most golf courses do not have small hut shelters at certain points off the fairways. It would give some psychological comfort to be able to take cover in

such a shelter — but official advice states that such places are dangerous in a storm.

In fact, most places seem to be unsafe. Isolated trees, wire fences, hilltops and wide open spaces are to be avoided. The rules of golf specifically allow discontinuation of play if there is any danger of lightning — but where to go?

The United States Golf Association, in a guide to personal safety in thunderstorms, recommends seeking shelter in one of the following places — a cave, a depression in the ground, a deep valley, the foot of a steep or overhanging cliff, dense woods or a grove of trees.

It is regarded as dangerous to raise an umbrella or golf club above one's head — the umbrella ribs or the steel shafts may attract lightning. It is also advisable to lay one's bag of clubs flat on the ground.

While it may sound rather drastic and uncomfortable, it has even been suggested that golf shoes with metal spikes should be taken off.

The main fact arising out of all this advice is to make oneself as inconspicuous as possible, to merge in with larger objects or to lower oneself below the level of the surrounding ground.

It is not easy to do such a thing on, for instance, the flat and open spaces of seaside links, but I imagine one could do worse than lie flat in a deep bunker if a storm becomes desperately bad.

An all-weather putting course on the Hoe at Plymouth will be ready for Mayflower year. The course will not only have a service of "extruded polypropylene felt" but nineteen holes into the bargain.

* * * *

Dornoch in East Sutherland is debating a plan to build a second 18-hole golf course with golf chalets, enlarged clubhouse, swimming pool, indoor recreation centre, restaurant and licensed air strip.

* * * *



When the
rub of the green
is against you –
consult

MILNS

Milns of Chester are specialists in the production of fine turf from seed for all locations and to suit all purposes. Consult our Advisory Service for free help with any grassland problems.

MILNS *of* **CHESTER** THE SEED SPECIALISTS



M-W. 185

The British Golf Greenkeepers' Association

Minutes of the 52nd Annual General Meeting held at the Pyle and Kenfig Golf Club near Porthcawl, on Monday, 11th August 1969, at 3.00 p.m.

The Association Chairman opened the meeting, at which there were sixty-two members, and invited Mr Carl Bretherton to occupy the Chair. Mr Bretherton thanked the Chairman for the invitation but said that owing to slight trouble with his hearing he did not feel that he could justify the position and said that Mr F. W. Hawtree would be very pleased to deputise for him and conduct the meeting. Mr F. W. Hawtree asked the meeting to stand in silent tribute to those who had died during the year as named in the Secretary's Report.

At the suggestion of the Chairman, the Minutes of the Annual General Meeting held at Seacroft Golf Club, Skegness, on Monday 12th August 1968 were taken as read, and approved as published in the Journal.

Annual Report

This was read by the Hon. Secretary. Its adoption was proposed by Mr F. W. Ford and seconded by Mr Tucker and unanimously accepted.

Financial Report

Copies of the annual accounts had been posted in the club-house and further copies handed round at the meeting. The Treasurer considered that the finances of the Association were healthy and satisfactory and informed the members that the £200 which had been repaid from the Journal funds had now been transferred to the Benevolent Fund, £100 as investments and £100 in the deposit account. This had been requested at the Executive Meeting when the balance of the Benevolent Fund came under consideration at the last Meeting. It was proposed by Mr Folkes and seconded by Mr Finch that the accounts be adopted. Carried unanimously.

Tournament Matters

The Tournament Sub - Committee elected at the Executive Meeting were Messrs G. Herrington, H. Fry, E. Folkes, F. Cashmore and O. P. Jones, three to form a quorum.

It had been agreed that the forward tees on the course should be played during the whole of the Tournament.

The Northern Section had nominated Mr A. Robertshaw as Vice-Chairman to succeed Mr Fry and they were making arrangements for the venue for the 1970 Tournament. They had made enquiries at Filey Golf Club, South Scarborough and proposed, at the request of the Executive Committee, to make enquiries at Ganton.

Election of Officers President

At the unanimous request of the meeting Mr Carl Bretherton was re-elected as President of the Association. Carried unanimously. Mr Bretherton thanked the members and said he would be very pleased to accept this office for 1969/70.

Vice-Presidents

It was proposed by Mr Goodwin and seconded by Mr Drewitt that the Vice-Presidents be re-elected. Carried.

Chairman

It was proposed by Mr Cockfield and seconded by Mr Tucker that Mr H. A. D. Fry be elected Chairman of the Association, in succession to Mr Herrington. Carried unanimously.

Mr Herrington rose and wished Mr Fry every success in his new office and presented him with the badge of chairmanship. He then thanked the President, Secretary and Executive Committee for the help they had extended to him during his year of office which had been again a very happy experience for him. Mr Fry rose and thanked the meeting for their acceptance of him as their Chairman and hoped he would be able to carry out the necessary duties to their satisfaction. He then presented a tankard to Mr Herrington in appreciation of his services during 1968/69.

Vice-Chairman

It was proposed by Mr Benbow and seconded by Mr Noakes that Mr A. Robertshaw should be elected Vice-Chairman for the ensuing year. This was carried unanimously and Mr Robertshaw expressed his appreciation for the compliment shown by his election.

(continued on page 8)

1. A complete sports turf dressing of advanced formulation developed by Fisons Levington Research Station.

2. Packed to withstand outdoor storage.

3. Dual-action, it improves the organic content of the soil and promotes better root growth

5. Flows freely, consistent grist size, non-segregating.



4. Recommended rate of application 2-4 lbs. a sq. yd.

6. Reduces labour costs because it provides for a combined operation of turf dressing and fertilizing.

The only sporting way to treat fine turf (and your budget)

The top dressing that sports turf needs is all too often scrimped or overlooked because it can be too costly a business. What's needed, you'll agree, is a really effective top dressing that you can afford to put down.

Fisons famous Levington Research Station has produced it.

It will treat a regulation bowling green at a cost of approximately £23 at the 2 lb. a sq. yd. rate of application.

This, we feel, should ease a few budgets this Autumn.

And improve a few golf and bowling greens and other sports turf areas.

Fisons Sports Turf Compost is packed in one hundredweight plastic sacks that will withstand outdoor storage and our Levington research team has made very certain that what's in those sacks (1) flows freely (2) has consistent grist size (3) is a non-segregating mix.

For a leaflet on Fisons Sports Turf Compost, write to our R & I Advisory Service, Fisons, Harvest House, Ipswich, Suffolk, or ask your local Fisons representative for further information. He'll also help you with anything at all to do with sports turf care and maintenance.

 **FISONS**

(continued from page 6)

Secretary and Treasurer

It was proposed by Mr Ford and seconded by Mr Machin that Mr C. H. Dix be re-elected as Secretary and Treasurer. Carried unanimously. Mr Dix thanked the members and expressed his willingness to continue in office.

Executive Committee

It was proposed by Mr Payne and seconded by Mr Roberts that the Executive Committee should be elected as nominated by Sections. Carried.

Hon. Auditors

It was proposed by Mr O. P. Jones seconded by Mr W. Sumner that Messrs Smallfield, Rawlins and Co. be re-elected as Hon. Auditors.

Hon. Solicitor

It was proposed by Mr Grealy and seconded by Mr Fordham that Mr R. A. Beck be re-elected Hon. Solicitor. Carried.

Any Other Business

Mr Kingston was of the opinion that something should be done by the promoters of major professional tournaments for this Association to receive a small percentage of the prize money which is made available for these events, particularly in view of the essential part taken by greenkeepers in the preparation of golf courses for these tournaments. After considerable discussion the members were not generally very optimistic of this possibility, but Mr Hawtree said that he would approach Major Bywaters as he thought that if anything could be done this would probably be the best approach.

Mr P. Malia had approached the Secretary with a view to the possibilities of forming a new section comprising the South Coast area of West Sussex, Hampshire and Dorset stating that in this area he thought that about 40 clubs would be interested and that it could well mean a large intake of new members if there was a local centre, possibly in Southampton. His object in bringing forward this suggestion was that the focal point of the Southern Section in London was too far away for the majority of Southern Section members to attend any arrangements made by the Section such as

lectures, tournaments and so on. This idea was discussed at some length but it was pointed out that no decision could be made at this stage and the matter would have to be referred to the Executive Committee for their consideration, who would then advise the Southern Section of their findings. Mr Malia offered his apologies for the incorrect approach to this matter which should have been through the Section and he was quite happy to leave the matter for further discussion by the Executive Meeting when fuller information as to its possibilities would be available.

In reference to the election of Vice-Presidents there was a general request from members that the names of Mr P. Marshall and Mr W. Payne, should be added to the list of Vice-Presidents, in appreciation of the tremendous assistance given by these gentlemen at Golf Tournaments throughout the country. The Hon. Secretary was asked to put this proposition forward for the next meeting.

There was nothing further to discuss and the meeting closed with a vote of thanks to the Chair by Mr Goodwin.

FOR FAST GREENS



FIT A GRASS COMB
TO YOUR MOWER

STEWART & CO.,
FINE TURF SPECIALISTS
EDINBURGH. EH2 2AY

The cost cutter



THE FLYMO CONTRACTOR RANGE

High work rate airborne mowers

High work rate over long periods – without operator fatigue. Low running costs. Ideal for golf courses, verges and caravan sites. Flymo Contractors have more power and lower fuel consumption. Rugged engine with on/off switch. Heavy duty bearings and dual air filter system reduce engine wear. 3 position undercarriage, to improve handling in very difficult areas and give easy site-to-site transport, is standard on the 21" and optional on the 19". *The airborne mowers designed for high work load. Ideal for Golf Courses, Caravan Sites, Road Verges.*

Flymo
INSTITUTIONAL
Greycaine Road, Watford. WD2 4PT
(Watford 41301)

18 HOLES WITH HAWTREE

No. 7—TREES

by FRED HAWTREE

BY now, we should have got the framework of the golf course as good as the site permits and the time has come to paper the walls.

Ideally, planting trees should form part of the original conception, they may even be essential to full and interesting use of the ground. They should not be relied on as a safety factor, either present or future, but a good plan will use existing trees as strategic playing features.

Once established, the right varieties need little upkeep and make a welcome addition to the limited number of weapons in the designer's armoury.

Those situated in the fairways will be older than the golf course unless subsequent shifts of tees or greens have made use of planting which was marginal when the course began.

In principle, a tree hazard can be used exactly as a sand bunker but discretion will temper its distance from the tee in order to limit the number of players whose best drive will finish just behind it. In any case it is effective over a much wider area and far more interesting when it modifies but does not block a fair shot.

There are few shots in golf more satisfying than one which sails over trees exactly on target. If the line is optional then blindness is permissible; if it is obligatory, a thin screen obscuring some of the air-space on the way to the green but not the green itself is both decorative and stimulating. The not-too-long short hole is very suitable for this device, often found on courses carried out of pine woods. It is also the hole where the idea can be developed on existing courses by allowing small trees in the carry rough to creep up imperceptibly into view and eventually into play.

But most tree-planting programmes will be restricted to the margins. There are two things on which all golfers seem to be agreed. One, though not altogether relevant here, is that the

West Sussex golf course at Pulborough is perfect. The other is that a course with every hole completely isolated from the others is ideal. Unfortunately, many inland courses, especially round big cities, are laid out on closely parallel lines for maximum length and do not allow enough width between fairways for any considerable density. Here it is better to abandon the idea of total separation and plant as thickly as possible in areas where the fairway can be waived, connecting the groups with isolated specimens. A thin single line does not enhance the landscape.

Free spaces are still more important round greens for "air drainage". Trees planted as background to greens receive approbation from all except purists but if planting is carried round the sides it should allow air to move across the surface and reduce the risk of fungal attacks.

In colder climates the angle and direction of early morning sun in winter should also be studied. Frost may otherwise persist too long into the day. If there is drip from branches overhanging the green they are too close in any case but grass does not like it any more than it appreciates invasion by tree roots. Mole ploughing round the green or trenching and painting the severed roots with a hormone weed-killer will be needed.

All these factors apply more frequently to tees because it is relatively simple to put a tee back into woodland without disturbing the general effect and the narrow gap often leads to excessive shade and dampness.

The choice of trees for new planting on a golf course should be related to the landscape generally but it is even more important to plant in keeping with the artificial landscape which the golf course itself creates over its hundred acres or so. By the sea, on sandy or gravelly heaths and in pine woods the answer is ready made. Else-

(continued on page 14)

The cost cutter



THE NEW MORRISON RANGE

Morrison 20" Golfmaster – Gives first class finish – 144 cuts per yard. Really clean grass collection – no need to swish after use. Unique adjustable one-piece comb lifts lateral growth for even cutting. **Morrison 20" Bowlsmaster** – Similar to the Golfmaster, but with special thin section bottom blade for even closer cutting. **Morrison 24" Heavy Duty** – A robust mower with strong $1\frac{1}{4}$ " shafted cutting cylinder with divided cutters, giving optimum collection into large capacity grassbox. 72 cuts per yard. Optional trailer seat.

Three keenly priced, sturdily built machines, for Parks, Golf Courses, Estates, etc.

Flymo

INSTITUTIONAL

Greycaine Road, Watford, WD2 4PT
(Watford 41301)

MR ARTHUR DOUGLAS BERK

Mr Arthur Douglas Berk, the immediate past Chairman of Berk Limited, chemical manufacturers and merchants, died on 27th August. He was 85.

Born at Beckenham, Kent, and educated at the Abbey School, Beckenham, he joined, in 1905, the then F. W. Berk & Company Limited, which was founded by his father, Robert, and uncle, Frederick William. Douglas Berk was appointed to the Board in 1924 and became Chairman in 1942. He retired in 1960 after a record of 55 years of continuous service.

Both during and after the two World Wars he was deeply involved in the decisions of re-organisation and reconstruction. As a chemical manufacturer, F. W. Berk & Company Limited, as it then was, had a key role to play in the munitions industry and Mr Douglas Berk was active both in erecting new plant and finding alternative suppliers in liaison with the Government.

His engineering training was put to good use in both post-war periods. In the earlier period he designed and supervised at Stratford, East London, the erection of a new sulphuric acid plant incorporating one of the largest Glover

Towers in Britain—and certainly the largest Gay Lussac. At this time he invented what became known as the Berk Spray, the main feature of which was its impinging jets. In 1947 the first hydrochloric acid plant was erected under his supervision at London Colney, Hertfordshire.

His foresight in anticipating growing capital needs of the Group was demonstrated by his decision in 1949 to “go public”. The stock market quotation has enabled Berk Limited to continue its expansion into a wide range of profitable activities.

On a national scale he played a leading part in the representative bodies of the chemical and sand and gravel industries. At his death he was President of the National Sulphuric Acid Association. He was a founder member of both associations. He was responsible for the purchase of the Sand and Gravel Association's Headquarters in Park Lane, and on his retirement from this association in 1966 he was presented with an illuminated scroll in recognition of his “Service to Industry”. He was also a liveryman of the Worshipful Company of Horners.

He is survived by his wife Myfanwy.



OCT.	1st	Southern Section Quiz—Stirling Castle.
	9th	Midland Section v. Secretaries Match—Sutton Coldfield G.C.
	15th	Southern Section Greenkeepers v. Secretaries.
	16th	North-West Section Autumn Tournament—Bolton G.C.
	16th	Northern Section v. Sheffield Section Match—Halifax G.C.
	24th	Midland Section—Annual Dinner—Walmley G.C.
	28th	North-West Section Lecture—Brunswick Hotel, Piccadilly.
	30th	Sheffield Section Lecture—Brunswick Hotel, Haymarket.
NOV.	5th	Southern Section Lecture—Stirling Castle.
	27th	Sheffield Section Lecture—Brunswick Hotel, Haymarket.
DEC.	9th	Midland Section Lecture—Old Crown Hotel.

HON. SECRETARY'S NOTES



I have received the following letter from the President of the Italian Golf Federation:—

Sir,

Due to the important progress of golf in this country, we are often

requested to advise employment of Head Greenkeepers for Italian Golf Courses. The candidates must have overseas experience preferably in climates similar to ours.

Would you please inform us whether any able and experienced Greenkeepers would be prepared to take up jobs with Italian Clubs.

Knowledge of the Italian language is welcome. Nevertheless it is essential that those wishing to be appointed must be prepared to learn elements of spoken Italian in order to establish proper contact and control with Greenkeeping staff.

Thanking you in advance, we remain,

Yours sincerely,

Gianni Albertini
President

If anyone is interested they should write to the President, Federazione Italiana Golf, 00100 Roma, Viale Tiziano 70, Italy.

GET
YOUR MOWER
SERVICED
NOW

BY SPECIALISTS

MOWER OVERHAULS, REPAIRS AND
SPARES ARE OUR ONLY BUSINESS

Ransomes

Authorised service Repair Agents, Sales, Spares and Service.

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

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

Officially Appointed SERVICE DEPOT for

Villiers & JAP



Industrial & Agricultural Engines

HONDA AGENTS

RELF AND KENDALL

406 BRIGHTON ROAD, SOUTH CROYDON, SURREY. CRO 0578
11 STATION ROAD, NEW BARNET. BARNET 8228



Official London Area Distributors to Ransomes, Sims & Jefferies for specialist machines.

Agents for Dennis, Shanks, Greens, Atco, Lloyds and Allen motor scythes.

(continued from page 10)

where the importation of sand and the slow development of an acid turf guide the selection. A basis of Pine and Silver Birch is widely adaptable, shows green throughout the year being only partly deciduous (small leaves at that) and is a very agreeable mixture in itself. Larch and Spruce can be added sparingly to vary colour and form but the latter should not be used in isolation because of their formal habit of growth. Similarly most Cypress and Thuya look better in the garden than on the golf course.

Oak, Beech, single specimens of Mountain Ash, the Wild Cherry (Gean) can be added, preferably away from greens, but Chestnuts, Planes, Maples (except the Hedge Maple), Sycamores; Ash, and Limes give leaf problems and may have the wrong associations. Poplars are generally best avoided altogether unless landscaping a stream or pool. Local considerations apply near water and in parkland courses where noble specimens may need replacing.

The line between what is wrong on a golf course and right in a garden gets more difficult to draw when choosing shrubs. Gorse and Broom obviously qualify for the golfing landscape: Sallow and Spindle also grow wild and there are plenty of colourful Hawthorns. Rhododendrons may be more demanding but there are many Heathers which tolerate lime. The less vivid Azalea, Forsythia and Dogwoods (but not variegated) might be adopted, but one should stop short of Berberis, double-flowered Almond and other common delights of the smaller nurseryman. No one will object if a few hundredweights of Daffodils are sown at random under the new trees. Exotic subjects can be planted between the club house and the first tee but from that point on our landscape should be native or at least naturalised while accepting imports with informal associations and tolerant of possible exposure.

Some clubs have dedicated remote areas and planted forest nursery stock costing a few pounds per thousand. Planting is rapid, being a dibbing

rather than a digging operation, but losses are severe because planting in grass is not the same as re-planting cleared woodland where vegetation is sparser and brambles give protection. Many trees have a system of fine root hairs, which we never notice when pulling them up, busy in just the same area as grass roots. The 2 x 1 transplant stands a poor chance against a hefty clump of Cocksfoot. After a few years, unless clearing round each tree has been regular, it is difficult to see either the wood or the trees. Near play the upkeep of the rough normally demands a planting interval of triple gang mower width and very small trees would not stand much chance.

"Instant" trees will become cheaper as more specially prepared stock becomes available. Unless so prepared they must be transplanted by the machines designed for the job. But it is still desirable to prepare larger trees on the course to be transplanted by trenching round and filling the trench with peat a year or two before they are moved. And it still has to be demonstrated that 25ft. of lanky tree, which may need guy ropes for a year or two and may fade away meanwhile, is better than a 6ft. specimen which will develop into a handsome shape and be a feature in under ten years if properly planted.

All the trouble taken in selecting and planning will be set at naught if the planting is not done with all the care lavished on a putting green. And care must continue for a year or two afterwards. Thorough preparation of the holes, careful spreading of the roots, fine soil well firmed round them but not puddled, a stout stake, physical protection—nothing can be neglected. If planting is done at the right season, only an exceptional drought need cause alarm and there is nothing against judicious fertilising with or without water. Then if the grass is kept back (and contact herbicides with a shield simplifies this) if tree-ties are checked, vermin kept out and errant golfers exhorted, it is surprising how soon a plantation will begin to make a show. Life is not so

(continued on page 16)



The new Morrison 20 in. "Golfmaster" introduced by the Institutional Division of Flymo Limited of Watford at the I.P.A. Exhibition, Eastbourne, and the N.A.G. Exhibition, Motspur Park, in September.

(continued from page 14)

short on a golf course and future generations will be grateful for what is done now, even if you only start a nursery to make the job cheaper in their time.

Many committees discuss tree planting—not so many carry it to its

logical conclusion. One of the best examples of what can be done on an inland course both from the landscape and playing points of view can be seen at the South Staffordshire Golf Club at Tettenhall. The scheme is still relatively young but is already transforming the course. Can you, as the saying goes, afford not to?

1969 DRAW ACCOUNT

12530 Tickets at 6d.	£313 5 0	Prize Money	£100 0 0
		Printing Tickets	24 15 0
		Printing Result	4 2 6
		Postage, Stationery	7 2 4
		Balance in Hand	177 5 2
	<hr/>		<hr/>
	£313 5 0		£313 5 0

DRAW WINNERS

1st Prize Miss Marion Lewis of Neath
2nd Prize Miss Denbury of Bristol
Joint 3rd Prize for losing semi-finalists:
Miss B. Ellis of New Barnet, Hertfordshire and
Mr Pike of Knebworth, Hertfordshire

NOW IS THE TIME

MOWER REPAIRS

A modern works fully equipped with the latest automatic grinders. A complete range of modern machinery and staffed by experienced craftsmen constantly under the control of a fully competent and diligent works manager, devoting his whole time to the supervision of the mower repair department, enables us to offer a service **SECOND TO NONE**

GOOD REPAIRS FAIR PRICES GOOD SERVICE
DELAY IS RISKY — BOOK AT ONCE

To avoid disappointment book your repairs NOW. Get your machines collected at once whilst there is still time to enjoy the finest workmanship and ensure that the machines are in your possession for perfect cutting when next season commences.

**SALES
SERVICE
SATISFACTION**



 Ransomes Authorized Service and Repair Agents	 SISIS Official distributors Sales and Service	 Ransomes Official London area distributors for socialist machines DENNIS & ATCO Sales and Service	 HAYTER ROTARY GRASS CUTTERS SALES AND SERVICE Official distributors Sales and Service.
--	---	--	--

T. PARKER & SONS (TURF MANAGEMENT) LTD
WORCESTER PARK, SURREY

Tel: DERwent 7791. 01-337 0861 10 lines

**FOR COMPLETE
SATISFACTION —
CONSULT THE SPECIALISTS**
**PARKER FOR
ALL MAKES AND TYPES**

News



from the Sections

MIDLAND

Chairman:
G. HART
(Gay Hill)

By R. Goodwin
Hon. Secretary:
4 Burton Old Road,
Streechay, Lichfield,
Staffs.

Winter Lecture

A Lecture has been arranged for Tuesday, 9th December at the Old Crown Hotel, Corporation Street, at 7 p.m. Further details will be published in next month's journal.

Annual Dinner

The Annual Dinner will take place at the Walmley Golf Club, Wylede Green, Sutton Coldfield, on Friday, 24th October at 7.30 p.m. Members requiring tickets please contact me or Mr Cashmore of 76 Four Oaks Common Road, Sutton Coldfield.

NORTHERN

Chairman:
A. ROBERTSHAW

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

Handicaps

Your committee have made the following changes in handicaps:—J. Doull 13 to 10, D. Spurdin 14 to 12, G. Mason 13 to 15, R. Lewis 10 to 12, D. Ward 16 to 13 and C. Ramsden 18 to 16.

New Members

We welcome to the Section the following new member:—J. E. Storey, 138 Mead Way, Woodside Estate, Bradford, 6. (Halifax West End G.C.)

Lectures

Arrangements are in hand for the usual winter

series of lectures to commence early in November. Also to have a Christmas Social and a dinner in the New Year. These again will be held in the clubhouse of the Horsforth Golf Club by the kind permission of the club committee.

SHEFFIELD

Chairman:
G. HERRINGTON
(Lindrick)

By H. Gillespie
Hon. Secretary:
63 Langsett Avenue
Sheffield, S6 4AA

President's Trophy

The President's Trophy match was played at Sickleholme Golf Club, by kind permission of the captain and committee, on Tuesday, 19th August. Only 15 members took part, holidays etc. being responsible for the missing numbers. Conditions were perfect both course and weather-wise and much credit is due to Jim Stotard and his staff. The inner man was more than satisfied by the stewardess.

The prizes were presented by the president, Mr A. Shardlow, and we owe him all our thanks and appreciation for yet another memorable day.

The prize winners:—C. Chappell, 32 points; R. N. Maltby, 31 points; E. Ainsworth, 30 points.

Winter Lectures

The arrangements for the winter lectures are almost complete. These will again be held on the last Thursday of the month at the Brunswick Hotel, Haymarket, commencing at 7.15 p.m.

30th October—Ransomes Films, Mr G. Vaughan.

27th November—S.T.R.I., Mr J. D. Joss, Drainage on Golf Courses.

29th January—to be arranged.

26th February—Sutton Seeds Ltd., Mr R. W. Palin, Golf Course Design and Construction.

26th March—Rentokil Ltd., Pest Control on Golf Courses.

30th April—Annual General Meeting.

Bon Voyage

We send our best wishes to F. Frost of Sickleholme Golf Club who is going out to Bermuda to work on one of the golf courses there. Good luck to you Frank, perhaps you will write to us some time and let us know of the differing conditions.

EAST MIDLAND

Chairman:
P. MCCARRON

By S. Fretter
Hon. Secretary:
4 Queens Drive,
Leicester Forest East,
Leicester.

Annual General Meeting

The Annual General Meeting was held at the Anchor Inn, Hathern, on Wednesday, 20th August 1969. The attendance was very poor. The following were elected for the ensuing year:—President, A. J. E. Cook; Vice Presidents were

ected en bloc; Treasurer, A. Thornton; Secretary, S. Fretter; Section Representative, S. Fretter; Chairman, P. McCarron; Vice Chairman, J. Carrick; Committee, P. M. McCarron, J. Carrick, A. Thornton, G. Arnold, G. Fillis, R. O'Hara.

New Member

We would like to welcome to the section A. J. Pilgrim, of Willesley Park Golf Club; F. R. Fogg, Luffenham Heath Golf Club; G. Darby, Birstall Golf Club, and wish them a long stay with us.

We also welcome Mr Blackburn to this section as a Vice President.

Subscriptions

Will all members please note that subscriptions are now due.

(We apologise for any inconvenience caused by the omission of the East Midland Section Notes in last month's Journal).

NORTH-WEST

By H. M. Walsh

Chairman:
T. BRENNAN

Hon. Secretary:
Horrobin Cottage,
Old Links Golf Club,
Montserrat, Bolton, Lancs.

Autumn Tournament

As stated in previous issues of the journal the Autumn Tournament will be held at the Lestock Park Golf Club, Bolton, on Thursday 16th October, starting times from 9 a.m. Best wishes for a pleasant day.

Winter Lectures

The first of our talks for this winter's series will be given by T. L. Hewitt Esq., of ATCO, Longton Service Branch, Preston, Tuesday 28th October. The venue will be The Brunswick Hotel, Piccadilly, Manchester, at 7.30 p.m. Please let me have as good an attendance as for previous talks.

Other speakers for future talks will be A. Fairhurst, Wrightington, Messrs H. Ratcliffe & G. Smythe, and B. Metcalf. Dates for these talks will be in the next issue of the journal.

Green Chairmen v. Greenkeepers

It was proposed at the last meeting of the committee that a match between Green Chairmen and Greenkeepers be arranged. Will members who think their Green Chairmen would be interested in this venture please contact me as soon as possible so that I can make arrangements for venue, time etc.

New Members

We welcome to the section the following new members and hope their association will be a long and happy one.

J. Bond, Dean Wood Golf Club, Laford Lane, Upholland, Wigan; Mr. P. K. Corless, Miller and Towncliffe Golf Club, Gibb Lane, Tarden Nr. Stockport, Cheshire.

SOUTHERN

By F. W. Ford

Chairman:
J. K. GLASS
(Thorpe Hall)

Hon. Secretary:
68 Salcombe Gardens
Mill Hill, N.W.7
Tel: 01-959 2847

Autumn Tournament

The Autumn Tournament was played at Crews Hill Golf Club on Thursday, 11th September 1969. Eighty members and guests completed from the original entry of 94 and except for a shower or two the weather allowed us a good day's golf. As was to be expected the course was in good order and our thanks go to Bert Dixon and his staff for all the extra work they had put in keeping F.U.Z. at bay and getting the course in such good shape for us. The friendly atmosphere of the clubhouse with the excellent catering and 19th hole work by Audrey and Jim Holland and staff made it a very pleasant place to come back to. The free trolleys from Len Mitchell were much appreciated and I would also like to thank him for his co-operation in buying the extra prizes. These extra prizes were bought with £10 10s. generously given by the Crews Hill Golf Club coupled with a bottle of whisky from the Ladies Section. David Craig with the usual support of John Fields and Ted Hammond worked hard throughout the day taking the money, issuing the cards and sorting out the scores and needless to say there were no hitches in that direction except perhaps one small one which is really too small to mention! John Fields arrived early arranged the prizes for me, made an imposition in the morning, helped with the cards etc., sible to put off return business trip to Reading and organised a record ball sweep. This is an example of the willing support we get from the trade, we even expect it and sometimes even forget to thank them for it, however, on behalf of the Southern Section I would like to thank you Dave, John and Ted and we hope you will keep coming to make many more memorable days for us.

Deputy Vice-Chairman C. A. More thanked everyone who had contributed towards the day and introduced the Captain of Crews Hill Golf Club, Mr Meredith, who said how much he had enjoyed the day's golf. He then presented the prizes which were as follows:—

Four ball better ball a.m.

E. Brown and Mr Jones (Beaconsfield) 43 points—Candelabras.

Greensomes p.m.

S. Morton and R. S. Allis (Old Ford Manor) 37 points—Tudor sherry glasses.

1st Aggregate

J. Noakes and Dr Macarthy (Thordon Park) 77 points—Quadrant Clocks.

2nd Aggregate

B. Payne and R. Chase (Beaconsfield) 77 points—pair Table lamps.

3rd Aggregate

A. E. Watson and R. Shannon (Tyrills Wood)
76 points—21-piece tea service.

4th Aggregate

C. A. Moore and V. Wilde (Stanmore) 75
points—Barometers.

5th Aggregate

S. Kilby and C. Jones (South Herts) 75
points—Umbrellas.

6th Aggregate

D. Major and F. Brittin (Betchworth Park)
73 points—Whisky.

The ball sweep followed the prize giving and raised £8 for the section funds and a very successful meeting ended with a generous "drinks all round" gesture from Jack Noakes.

New Members

A very warm welcome to the following new members D. J. Cockram (Teignmounth), P. Fitzjohn (Sandy Lodge) and R. W. Turner.

November Lecture

On Wednesday evening 5th November at 6.30 p.m. at the Stirling Castle, London Wall, Moorgate, E.C.2, we shall have the pleasure of hearing Freddy Pyne give a talk entitled "Field Drainage".

TWO NEWCOMERS

A younger brother to the world-established Ransomes 86 inch Motor Triple, made its debut at the Institute of Park Administration and National Groundsmen's Exhibition in September. It is ideal for cutting small parks, sports fields, golf approaches and tees.

The Junior, with a cutting width of 73 inches has an actual cutting performance of up to 1½ acres per hour, and, like its big brother has all its three cutting units power driven.

The second new item was the recently introduced range of Golf Course Accessories. Ransomes have designed and produced in Scotland an attractive range of accessories made of light yet strong materials in bright, attractive colours.

A quick change flag with a built-in plastic tube slips onto the flagpole in seconds. These flags can be custom designed with club crest or insignia.

Other items are easily distinguishable tee markers in elegant designs, direction and rule signs in brilliant "Vistolite".

Custom-built fibreglass flagpoles, tee markers and putting green markers are also included in the range.

The full range of Ransomes grass machinery was also on view from the 12 in. Ajax to the 15 ft. 8 in. Trailer Gang Carrier.

SITUATIONS VACANT

WEST KENT GOLF CLUB, Downe, Nr. Farnborough, Kent require Second Greenkeeper. Must be experienced. Good wages and fringe benefits. No accommodation. Apply: Secretary, Farnborough (Kent) 51323 or 51737.

ELSHAM GOLF CLUB, LINCOLNSHIRE, require experienced Head Greenkeeper. Modern house in village. Applications stating experience and references to the Secretary, "Beretun", Brigg Road, Barton on Humber, Lincs.

HEAD GREENKEEPER REQUIRED due to retirement of present Greenkeeper after 48 years' service. Salary according to qualifications. Accommodation available. Apply, stating experience and qualifications, to The Secretary, The Golf House Club, Elie, Fife.

HEAD GREENKEEPER REQUIRED. 18 hole course. Applicants should be experienced. Good salary will be paid and excellent family accommodation provided. Apply Secretary, Home Park Golf Club, Hampton Wick, Kingston on Thames, giving full details of experience, age and qualifications.

FOR HIRE

SISIS AUTOTURFMAN AERATOR, £25 per week—do it yourself. For contract prices telephone Burnell, Eaglescliffe 3647.

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.

Mrs Greenkeeper's



Own Corner

with Ann Mawson

Rice

With a little imagination miracles can be performed with rice as a basis, it is rich in starch and also vitamin C.

Rice the Italian Way

6 oz. of butter, 2 oz. of grated cheese, 2 onions, salt, pepper, 2 pints of stock, 4 chicken livers, 8 oz. of rice, 4 oz. of sausages, 2 tablespoons of tomato puree.

Melt half the butter in a casserole dish. Fry one chopped onion until golden brown, add the rice, now add the boiling stock, season and boil for 20 minutes, just before it is ready add the cheese.

In the meantime fry the other chopped onion and sausages with the chicken livers, add the tomato puree with a spoonful of stock and simmer slowly for 20 minutes.

Serve on a large dish surrounded by the rice.

Giblets and Rice

Giblets, $\frac{1}{4}$ pint of wine, oil for frying, sweet herbs, grated cheese, butter, 1 lb. of rice, salt, pepper, 1 onion, 2 oz. of ham, 1 small tin of tomato puree.

Boil the rice in the usual way, chop and fry the onion, giblets and ham with salt pepper and sweet herbs.

When cooked, add the tomato puree, diluted in the wine and a teaspoonful of butter. Simmer for 5 minutes. Make a circle of the boiled rice on a large dish, put the giblets in the centre and serve with grated cheese.

Liver with Boiled Rice

3 tablespoons of cornflour, a little sage, salt, 6 tablespoons of oil, 2 onions, $\frac{1}{4}$ pint of red wine, 1 lb. of calves liver.

Cut the liver into nice thick slices and roll in salted flour.

When the liver is cooked, (fried in the oil with a little sage) cut into very small pieces. Fry the chopped onions until golden brown, thicken with the flour and add the wine and about half a cup of water, to make the sauce. Simmer for 1 to 2 minutes and return the liver to the sauce to heat.

Serve hot with boiled rice.

To serve 4 people.

—Until December . . .

R. C. CRAIG

AND CO. LTD.

SPECIALISTS IN THE REPAIR AND
MAINTENANCE OF ALL TYPES OF MOWERS

★ Agents for: RANSOMES SIMS &
JEFFERIES Ltd

★ LLOYDS & Co. Ltd.
WEBBS LAWN MOWERS

★ Distributors: DENNIS BROS Ltd.

★ GANG MOWERS FOR HIRE

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

BUYERS' GUIDE

CLINKER, ETC.

T. PARKER & SONS, Worcester Park, Surrey.

CONTRACTORS

GILLIAM & CO. Ltd., Purley, Surrey.
MAXWELL M. HART, Ltd., Winnersh, Wokingham, Berkshire.
JOHN R. STUTT, Ltd., Potterhill, Paisley, also at Poole, Dorset.

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 HORTICULTURE Ltd., Recreational and Industrial Dept., Harvest House, Ipswich, Suffolk.
MAXWELL M. HART, Ltd., Winnersh, Wokingham, Berkshire.
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' 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.
MAXWELL M. HART, Ltd., Winnersh, Wokingham, Berkshire.
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.
H. PATTISSON & CO., Ltd., Stanmore, Middlesex.
T. PARKER & SONS, Worcester Park, Surrey.
"SISIS" Equipment (Macclesfield) Ltd., Hurdsfield, Macclesfield, Cheshire.
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.

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.

LOAMS & MANURES

T. PARKER & SONS, Worcester Park, Surrey.

MOWER ENGINEERS

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

MOWERS

BRADLEY'S, Leeds Rd., West Ardley, nr. Wakefield, Yorks.
T. GREEN & SON, Ltd., Smithfield Ironworks, Leeds, 2.
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., Ipswich, Suffolk.
HAYTERS (SALES) Ltd., 34 Spellbrook Lane, Bishop's Stortford, Herts.
E. THOMAS & CO. (Oswestry) Ltd. (Dept. S.6), Whittington Rd., Oswestry, Shropshire.

SEA SAND

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.
B.O.I.L. RAIN SYSTEMS, Upper Halliford, Shepperton, Middlesex.
F. W. BERK & CO., Ltd., Berk House, 8 Baker Street, London, W.1.

TRACTORS

T. GREEN & SON, Ltd., Smithfield Ironworks, Leeds, 2.
T. PARKER & SONS, Worcester Park, Surrey.
H. PATTISSON & CO., Ltd., Stanmore, Middlesex.
"SISIS" Equipment (Macclesfield) Ltd., Hurdsfield, Macclesfield, Cheshire.

TURF AERATING APPLIANCES

T. PARKER & SONS, Worcester Park, Surrey.
H. PATTISSON & CO., Ltd., Stanmore, Middlesex.
"SISIS" Equipment (Macclesfield) Ltd., Hurdsfield, Macclesfield, Cheshire.

WEED CONTROL

MAXWELL M. HART, Ltd., Winnersh, Wokingham, Berkshire.
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.
MAXWELL M. HART, Ltd., Winnersh, Wokingham, Berkshire.
T. PARKER & SONS, Worcester Park, Surrey.
SUTTON & SONS, Ltd., Reading.

manoeuvrability plus!

Ransomes 24 in. Ride-on for the perfect grooming of tees and approaches.

Manoeuvrability plus. That's the joy of the Ransomes Twenty-Four. A highly effective differential gear gives you sure-footed cutting and complete control wherever you're mowing. Around trees, bunkers. Specially silenced, powerful 4-stroke engine with recoil starter. Converts to a pedestrian machine in a matter of seconds.



LOOK AT THESE BIG ADVANTAGES!

SIMPLE ADJUSTMENTS

The engine can be stopped and started, the CUTTING CYLINDER DRIVE disengaged and the height of cut adjusted, ALL FROM THE OPERATOR'S SEAT!

POWER IN PLENTY

The specially-silenced, powerful 4-stroke engine carries you at an even, steady speed.

LARGE CAPACITY FUEL TANK

Holds 4 pints, sufficient for approximately 3½ hours uninterrupted cutting under normal conditions with operator riding, or over 4½ hours when machine is pedestrian controlled.

EXTRA BIG GRASSBOX

Large capacity tip-over design means less frequent, easier emptying.

SUPERB FINISH

The Sheffield steel cutting cylinder has five impact-resistant specially hardened cutters which guarantee that superb Ransomes finish.

Write today for full details of the dependable *Twenty-Four* or contact your local Ransomes Distributor.



RANSOMES

RANSOMES SIMS & JEFFERIES LTD . IPSWICH . ENGLAND