

**JUNE**  
**1970**

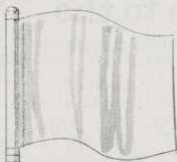
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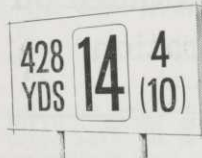
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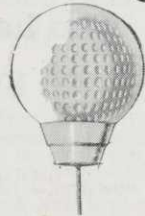
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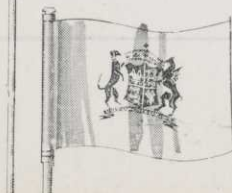
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APPRENTICESHIP

representing the English and Scottish Golf Unions, The Welsh Golfing Union, The British and Scottish Golf Greenkeepers Associations and The Sports Turf Research Institute.

---

Since 1963, when this Council was formed, 82 young men have completed their apprenticeship. 77 more are under training. The Joint Council wishes to thank all those golf clubs who have realised that the future upkeep of golf courses depends on proper training now, and the Head Greenkeepers who have handed on their experience to the next generation.

---

*Hon. Secretary:*  
*P. C. French, 3 Skeet Hill Cottages,*  
*Daltons Road, Chelsfield, Orpington, Kent.*

# 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

No. 302 New Series

JUNE 1970

## JUNE

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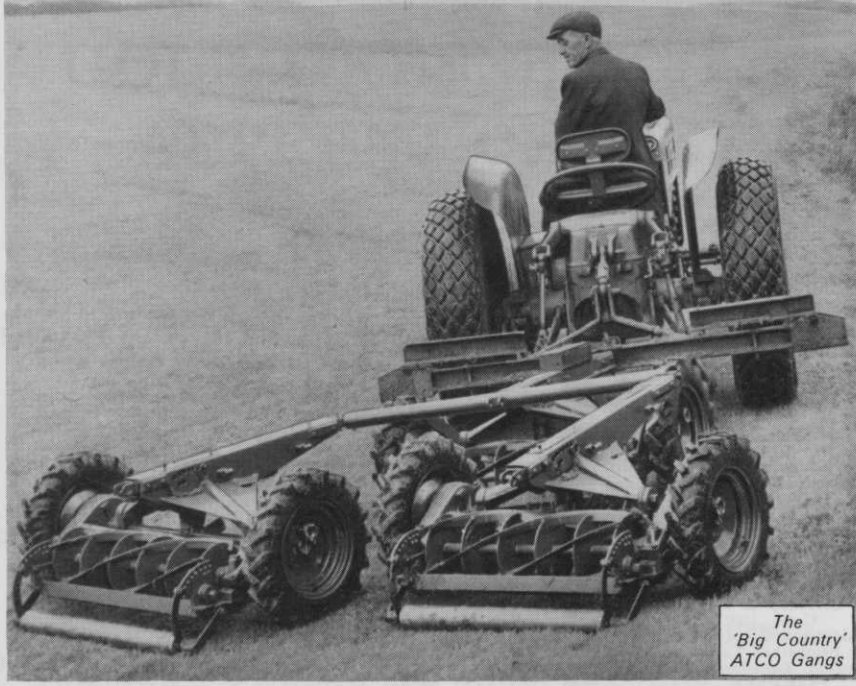
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# TEE SHOTS



by the Editor

Wirral Urban Council are looking into the possibility of making a municipal golf course on 120 acres to the south-east of Station Road, Thurstaston. There are 15 golf courses in Wirral at the moment, three of them municipal but the Cheshire County Council report last year said that the supply of golf facilities for the peninsula was only moderate in relation to the demand.

\* \* \* \*

The Greater London Council is to invite applications from people interested in financing and developing an 18-hole public course in Trent Park, Cockfosters. The layout is expected to cover some 135 acres of the 560 acre park.

\* \* \* \*

Epping and Ongar Rural Council have approved an application by Mr J. Clark to form a golf course on 77 acres north of the Chelmsford Road at High Ongar. Mr Clark already has permission for 9-holes on 40 acres on the south side and his new application includes a pedestrian tunnel under the road to link the two.

\* \* \* \*

Sodbury Rural Council have agreed to make a grant of £1,000 to Chipping Sodbury's new 18-hole golf course provided senior pupils of the local grammar school can use the existing 9-hole course for a nominal 2s. per round on Monday and Wednesday afternoons.

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SEND NOW FOR OUR FREE 'GREENKEEPING' CATALOGUE

# MECHANICAL AIDS TO GOLF GREEN MAINTENANCE

By W. N. S. Bisset, Advisory Officer at the Sports Turf Research Institute

**A**T this time of year full use is made of most of the wide range of machinery for golf green maintenance. It is also the time of year when faults arise on old machines despite servicing and the club is told by the agent that they are not worth repairing further. Then there is a rush to replace the old machine and sometimes a purchase is made without consideration of the full range of equipment available and the requirements of the course itself.

The purchase is governed by a number of factors, not the least of which is the cost, but often the purchase price is not related to ensuing benefits. A machine costing half the price of any other on the market may appear a bargain, but if it takes the operator twice as long to do the same job over a number of years, it is not quite the bargain it appears.

Operator comfort, reliability and after sales service should also influence the final decision more than colour or an assortment of gadgets.

## Mowers

Mowers offer the widest choice of any type of equipment and prices vary to suit every pocket. The labour available on most golf courses makes hand machines impractical and powered cylinder mowers only can be considered at the present time.

On a golf green the main requirement during the summer is the quality of finish. It is useless to expect a machine with a cutting capacity of 70 cuts per yard to produce the same finish as another with a capacity of 100. A course with large greens would require, on the face of it, a machine capable of covering a larger area per hour, but large greens with undulations may indicate narrower cutting width. The amount of use a fine cut mower receives makes it necessary for the machine to

be sturdily constructed, easily adjusted and driven by a reliable power unit.

## Scarifiers

Scarification on the golf green is increasingly necessary and some form of scarifier is essential. Rake scarifiers, although merely surface disturbers, are of value as a preliminary to mowing. The severity of scarification can be increased by operator pressure or by artificial means. A limited amount of scarification can be carried out using a comb attachment for the mower.

Generally, however, the scarification required on golf greens justifies the acquisition of a powered scarifier. These machines can be set to varying depths to remove some of the fibrous layer in the base of the sward.

Most machines of this type on the market have interchangeable knives and/or tines so that different types of scarification are available and the machines can be used during the growing season.

## Aerators

Aeration is essential on all types of golf green to relieve compaction, allow air into the soil, and to improve root growth and surface drainage. The tines most commonly available are solid, hollow and thin bladed root action.

The most thorough aeration is done by a hand fork, but as this is also the most laborious, powered machine work has largely replaced it. A hand fork is, however, useful for treating small areas.

The range of suitable powered aerators is small and each provides similar results when used under similar conditions. The majority achieve penetration by the weight of the machine alone. A special point to consider is the ability of the machine to

*continued on page 7*

# GREENS MOWING EQUIPMENT

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#### MOTOR MOWERS

20" Zephyr Motor Mower. Norton Villiers 120 c.c. engine 6 bladed	£98	0	0
20" Superfine Zephyr Motor Mower. Norton Villiers 120 c.c. engine 10 bladed	£104	0	0
24" Zephyr Motor Mower. Norton Villiers 150 c.c. engine 6 bladed Fully upholstered seat attachment	£141	0	0
	£23	0	0
30" Greensmaster Motor Mower. M.A.G. 6 BHP engine reverse gear 5 bladed Fully upholstered seat attachment	£325	0	0
	£25	0	0
30" Vergemaster. B.S.A. 420 c.c. engine 5 bladed	£287	10	0

#### GANG MOWERS

Trailed Triple Gang Mower 5 bladed	£385	0	0
Trailed Triple Gang Mower 8 bladed	£388	0	0
Hy-Ranger Triple Mounted 5 bladed	£399	0	0
Hy-Ranger Triple Mounted 8 bladed	£402	0	0
Quintuple Trailed Gang Mower 5 bladed	£658	0	0
Quintuple Trailed Gang Mower 8 bladed	£666	0	0

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- King's Heath Mowers Ltd., 266 Vicarage Rd., King's Heath, Birmingham 14.
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## SITUATIONS VACANT

**STINCHCOMBE HILL GOLF CLUB**, Gloucestershire, invite applications for position of Head working greenkeeper. Applications stating age, qualifications and experience to Hon. Secretary, Stinchcombe Hill G.C., Dursley, Glos.

**GUILDFORD GOLF CLUB** require Head Greenkeeper

(b) Experienced Greenkeeper

(c) Assistant Greenkeeper

Please apply stating age, experience and salary required to The Secretary, Guildford Golf Club, Merrow, Guildford, Surrey (Tel: Guildford 63941).

**REQUIRED** immediately Head Greenkeeper or Assistant Greenkeeper. Fully qualified. Good wages. No accommodation. Apply with details of experience and references to The Secretary, Stover Golf Club, Newton Abbot, Devon.

**HEAD GREENKEEPER** required immediately for 18-hole course now under construction for private Club. Must be experienced in all branches of greenkeeping, fully conversant modern machines and pop-up sprinklers. Top salary, house and pension scheme. Apply with full details in writing to the Secretary, Redditch Golf Club, Plymouth Road, Redditch, Worcs.

**HENDON GOLF CLUB** requires Greenkeeper. Top Wages. Excellent prospects. Free accommodation and fringe benefits. Apply Secretary, Hendon Golf Club, off Sanders Lane, London N.W.7. Tel: 01-346 6023.

**EXPERIENCED ASSISTANT GREENKEEPER** required. Good prospects. No accommodation at present. Terms negotiable. Apply to The Secretary, Upminster Golf Club, Limited, Hall Lane, Upminster, Essex.

**HEAD GREENKEEPER** required for links course to take over from Head Greenkeeper, who has been with the club for 50 years. Must be really experienced in all branches of greenkeeping and have first-class technical and mechanical knowledge. Top salary to right man. Please apply in writing giving full details of experience, age and present duties to: The Secretary, West Lancashire Golf Club, Hall Road West, Blundellsands, Liverpool 23.

---

## 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.

---

## FOR HIRE

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# 18th PARKS AND RECREATION EXHIBITION

**MEYRICK PARK, BOURNEMOUTH**

**September 22nd and 23rd, 1970**

to be held in conjunction with the

**ANNUAL CONFERENCE OF THE INSTITUTE OF PARK AND RECREATION ADMINISTRATION**

**September 22nd to 24th, 1970**



continued from page 4

carry out the desired operation with a minimum of surface disturbance.

### Sprayers

For chemical control of weeds, pests and diseases where there is little leeway in rates of application, an accurate sprayer is required.

The range includes motorised sprayers, wheels and knapsack models. Those fitted with a 3 ft. or 6 ft. spray boom are preferable to those with a single nozzle lance.

### Fertiliser Distributors

When choosing or using a fertiliser distributor, whether it be a carpet spread or a spinner type, look for even application and ease of calibration, though risk can be reduced by halving the quantity of material to be applied and passing over the surface twice.

### Drag Mats and Brushes

Apart from home-made implements, tools for working in top dressing are

limited to the drag brush or mat or a lute. Generally the drag mat is most satisfactory as it is flexible and will follow the contours of the green better than a brush or lute, both of which are rigid. The brush, however, has the additional use for light scarification before mowing.

### Watering Equipment

The most important feature to consider is even spread of water. "Pop up" watering systems on automatic control remove the inconvenience of sprinklers to the golfer and the labour involved in watering is minimised.

Always arrange a demonstration to ensure that equipment can be readily operated by the staff on their own course.

Equipment is continually being developed and improved and, with recent advances in the automatic watering, one wonders how far automation will go. Perhaps a computer operator's course may be in the syllabus for the greenkeeper of the future.



## ESTABLISHED Tradition

is important to our highly skilled team of maintenance and service engineers. Immediate delivery of spare parts — from the largest stock of spares in the trade. An immediate service exchange assembly (engines, cutting cylinders, magnetos, etc.). Reliable maintenance service to keep your equipment in top working order. Our Service Engineers and Demonstrators are available at any time. H.P. facilities available.

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# RANSOMES AT CHELSEA FLOWER SHOW

The best way to ensure conservation of the countryside, say Ransomes, is to keep grass in trim. They should know, they have been making Grass Machinery since 1832.

European Conservation Year inspired the theme behind their exhibit at Chelsea, only they think in terms of world conservation. Well kept grass helps to ensure conservation of the country side not only this year but every year.

Down the ages Ransomes mowers have helped to conserve the grass surrounding some of the well known stately homes of Britain and famous city parks throughout Europe including Berlin, Rotterdam, Vienna and Zurich and dozens of other European cities. Sportsfields, stadiums, and golf courses, from Moscow to Mexico as well as the famous "Old Course" at St Andrews, use Ransomes mowers.

Ransomes invite you to help conserve your piece of "Old England" for yourself, with a Ransoms mower.

See them all on Ransomes exhibit at Chelsea from the Ajax, Fourteen, Sixteen, Marquis and Twenty-Four to the Junior Triple and Motor Triple.

Let Ransomes, the manufacturers of the largest range of Grass Machinery in Europe help to ensure your heritage.

## Motor Triple Mowers

Two Motor Triple models are now available to cater more economically for medium and large grass areas.

The Junior Motor Triple, with its 73 inch cut and exceptional manoeuvrability, is most suitable for golf tees and approaches, narrow grass verges, school and larger private lawns and all medium grass areas. It has a work output of up to  $1\frac{1}{4}$  acres an hour compared with its bigger brother, the Standard Motor Triple, with an output of up to three acres an hour.

Bigger areas of grass such as parks, sportsgrounds and roadside verges are best cut with the 86 inch Standard Motor Triple Mark 1V. The Standard cuts 26

cuts to the yard and the Junior 60 to the yard.

Both these mowers provide power where it is needed — at the cutting cylinder.

## Junior Motor Triple

The powerful Norton Villiers 4-stroke engine develops  $8\frac{1}{2}$  b.h.p. and has an electric start as an optional extra. Speed of travel is up to 6 m.p.h. in the transport position, with 4 m.p.h. as recommended cutting speed. Minimum cutting speed is 2 m.p.h.

One 30 inch cutting unit cuts in front of the wheels, followed by two 24 inch outrider units. Drive to the cutting units is by "V" belt and roller chain. The spring loaded units follow all the undulations of the ground.

The Junior has car-type steering via the rear wheels, car-type clutch and car-type footbrake with parking ratchet. Rapid change to forward and reverse gears, with its compact build, give increased manoeuvrability in confined areas.

Cutting units can be raised or lowered independently or all together. The universal drive coupling allows the units to be lowered into work without manual recoupling. Drive automatically cuts out as the units are raised.

The front 30 inch unit can be used alone, making the mower a single unit outfit for cutting narrow strips of grass. The overall width in transport is 49 inches and the mower has sufficient fuel for a full day's work.

## Standard Motor Triple

The Mark 1V has several recent improvements:

- (a) New final drive to the front units, new axle assembly and larger dimension balloon Trelleborg tyres, combine to increase ground clearance, and the balloon tyres reduce compaction.
- (b) New disc brakes give increased braking power and efficiency.
- (c) Improved parking brake system.

*continued on page 24*

Sports turf takes a lot of looking after. Up until now you could have chosen a wide range of different weedkillers to keep your turf clean.

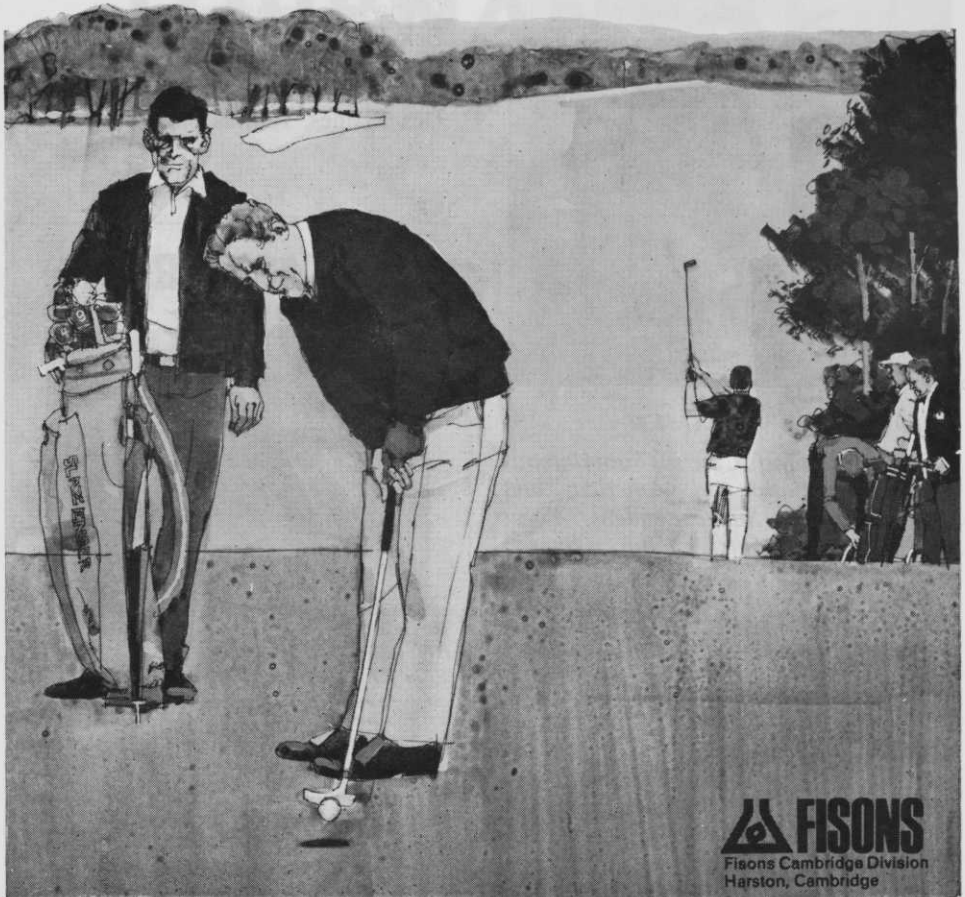
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## GOLF COURSE SUPERINTENDENTS ELECT OFFICERS FOR 1970

Over 90 per cent of the Voting membership of the Golf Course Superintendents Association of America was present or represented by proxy at the annual Election of Officers in Houston, Texas, on 11th February 1970 when Norman W. Kramer was unanimously



**NORMAN W. KRAMER**

*President, Golf Course Superintendents Association of America, and Golf Course Superintendent, Point O'Woods Country Club, Benton Harbor, Michigan.*

elected president for 1970. Kramer is superintendent of the prestigious Point O'Woods Country Club in Benton Harbor, Michigan.

Other officers elected were Vice-President Richard C. Blake, Superintendent of Mount Pleasant Country Club, Boylston, Massachusetts; and, as Directors: Clifford A. Wagoner, superintendent, Del Rio Country Club, Modesto, California; Palmer Maples,

Jr., superintendent of the Standard Club, Atlanta, Georgia; and Jerry Murphy, superintendent, Somerset Country Club, St Paul, Minnesota.

Director Robert V. Mitchell, superintendent of Sunset Country Club, St Louis, Missouri, was reappointed Secretary-Treasurer of the Association for a third term in that capacity. As immediate past president, John J. Spodnik, superintendent of the Westfield Country Club in LeRoy, Ohio, assumes the title of President Emeritus. Other members of the Executive Committee for 1970 are:

Keith Nesbit, superintendent  
Westview Country Club,  
Aurora, Ontario, Canada.

Warren A. Bidwell, superintendent  
Philadelphia Country Club,  
Gladwyne, Pennsylvania.

Ben J. Chlevin, Executive Director,  
Golf Course Superintendents Association of America,  
Des Plaines, Illinois 60018.

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ENTRY FORM

(Block letters please)

Name

Address

**1970**

**ANNUAL  
TOURNAMENT**

Club

Section

**FILEY GOLF CLUB  
YORKSHIRE**

**17th, 18th, 19th AUGUST**

GOLF COURSE  
SUPERINTENDENTS ELECT  
OFFICERS FOR 1978

Their 90 per cent of the Voting membership of the Golf Course Superintendents Association of America was present or represented by annual Election of Officers held at Texas, on 11th February. Norman W. Kramer was

superintendent of the Standard Club, Adams, Illinois, and Jerry Murphy, superintendent, Sutherland Country Club, St. Paul, Minnesota.

Director Robert W. Mitchell, superintendent of Kings Country Club, St. Louis, Missouri, was reappointed Secretary of the Association in that capacity. As past president, John J. ... superintendent of the West ... Country Club of Lakota, Ohio, assumes the role of President Emeritus. Other members of the Executive Com-

## Programme

**17th am** 18 Hole Stableford Competition

**pm** Annual General Meeting

**18th** 36 Hole Scratch Cup & Prize

36 Hole Senior Division Handicap

36 Hole Junior Division Handicap

18 Hole Coming of Age Cup

**19th am** 18 Hole Medal Competition

**pm** Prize Presentation

# ENTRY FORM

(Block letters Please)

Name .....

Address .....

Club ..... **S.S.S.** .....

Section .....

Handicap .....

- Tick Box if eligible for  **Artisan Medal**  
 **Coming of Age Cup**  
(Age 60 and over)

Tick Box if requiring Caddy Car

**Entries close 30th June 1970**

**Conditions & Draw Sheets will be sent to  
all entrants**

ENTRY FORM

(Block letters please)

Name

Programme

Address

17th Annual 18 Hole Stableford Competition

Send this entry form before 30th June to:

FOLD

Annual General Meeting

2.2.2

Club

18th

36 Hole Scratch Cup & Prize

Section

36 Hole Senior Division Handicap

Handicap

36 Hole Junior Division Handicap

Artisan Medal

Tick box if eligible for

FOLD

18 Hole Senior Cup

Coming of Age Cup

(Age 60 and over)

19th Annual 18 Hole Medal Competition

C. H. Dix, Esq.,  
Hon. Secretary,  
British Golf Greenkeepers' Association,  
Addington Court Golf Club,  
Featherbed Lane,  
Addington,  
Croydon CR0 9AA



## STATISTICS

A quick review of the statistics of the recently concluded 41st International Turfgrass Conference and Show sponsored by the Golf Course Superintendents' Association of America in Houston, Texas, February 8-13, 1970, indicates another record-breaking success.

G.C.S.A.A. Conference and Show statistics are presented below, compared with those of previous years:

	1970 Houston Texas	1969 Miami Beach, Florida	1968 San Francisco, California	1967 Washington, D.C.
Members - - -	1182	1078	902	1066
Ladies - - -	592	620	610	565
Guests - - -	189	194	192	246
Greens Chairmen -	211	506	90	110
One Day Admission	419	285	286	315
Turf Students - -	52	57	13	—
Exhibitors - - -	975	771	730	738
<i>Total Registration:</i>	3620	3511	2823	3040
	<i>Additional Statistics:</i>			
Total Exhibit Booths	330	300	256	102
Companies Exhibiting	128	133	109	210

G.C.S.A.A. President Norman W. Kramer, superintendent of famed Point O'Woods Country Club in Benton Harbor, Michigan, said plans are already well along for the 42nd G.C.S.A.A. Annual Conference to be held in Denver, February 7-12, 1971. He said exhibit hall and hotel facilities are comparable to or better than those enjoyed in Houston and should result in another record-setting event.

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A self-propelled turf-cutter with depth adjustment that cuts turf at 90 feet per minute and up to 2 inches thick. Not so different? But that's only half the story. The Sisis Auto-Cutter and Turfman will also take a range of optional implements for slitting, brushing or raking turf. Versatile enough to be used the year round for turf maintenance as well as turf cutting! Now *that's* different! And the price? Only £285 for the basic unit—that's different too! Write for details.



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# WALK ABOUT

By PATRICK SMARTT

I have for sometime thought it to be a pity that the head greenkeepers of neighbouring clubs do not visit each other's courses and exchange views. At the Annual General Meeting of the Association the matters discussed will be of a general nature, mainly, it may be supposed, on terms and conditions of employment. One is doubtful (I write in ignorance) if the art — and art it is — of cherishing a course is one of the items.

There are, as everyone knows, courses in greenkeeping. I have never come across such educational gatherings, civil or military that were as useful as personal discussions.

Courses, to point the obvious, differ: the links, the heath, the chalk downland and the lush park. Each calls for a different treatment, as does altitude which can expose the land to all the elements. Despite the differing conditions, one greenkeeper will increase his knowledge and widen his views in a day spent with another, who will also benefit.

I hold the belief that in this peculiar world of ours there is always something to be learned from another, either from mistakes made or something new.

“Whatever ignorance man may show  
From none disdainful turn  
For everyone doth something know  
That you have yet to learn.”

Some 16 years ago I had cause to visit a links. I was secretary of a heath course which, at its highest point is 700 feet above sea level. I asked my opposite number if I might bring down my head greenkeeper to see a links, and converse with his head man — one who receives an annual accolade from Leonard Crawley in his reports on the President's Putter.

A. P. Arnold entertained his visitor royally, lurching him and they quaffed a beer or two followed by a tour of the course, inspection of machinery, stocks of dressing, etc. It is not

unreasonable to suppose they discussed their respective secretaries (I hope not too critically), with some derogatory remarks on the subject of people who, mowing their lawns at week-ends, as members of the green committee offer advice on course upkeep.

I do know that my old friend enjoyed his day and that he absorbed the difference, the distinct difference there is in a sandy sub-soil and the one of clay to which he was accustomed. He learned there were problems other than his own, even the air with its ozone was unlike that inland. A call at a downland or park course would have created new impressions. The reverse holds good, visits from those responsible for these courses would add to their knowledge in seeing a high, heath course.

There is a risk, if you have been to a wealthy club, of your man coming back seething with envy over the mechanisation he has seen. At the time of that visit to Rye, there were many occasions on our home course when I used to hold the gears in the engaged position while Harry Gates drove the ancient tractor which, in our more placid moments we called “the old lady”. Today, with the club substantially better off, he and I, both retired, watch several mechanical vehicles trundling about the place. I suspect there is an unspoken opinion in his mind that “in his day” they did a man's job. A remark that cannot apply to his successor who had been his No. 2.

Greenkeepers are a race of their own; they speak the same language. They are men of the earth, like farmers, gamekeepers, shepherds and the true gardener — they all have mud on their boots.

This scheme, if that is not too grandiose a title, must depend on secre-

*continued on page 18*

# LEYLAND 154

## the 'PERFORMANCE' lightweight

Versatile, and economical in operation, the Leyland 154 is ideal for turf maintenance work. Its light weight is a great advantage when working on grass where heavy tractor wheel pressures are to be avoided. With 25 h.p., compact dimensions and the ability to manoeuvre in confined spaces, the 154 is the 'PERFORMANCE' lightweight tractor for work on golf courses, parks and sports grounds. Leyland 154 features include 9-speed gearbox with 3 reverse gears, independent hydraulics and 2-speed P.T.O. There's a wide range of optional extras and specialised equipment. Arrange a demonstration with your Leyland tractor distributor or write for information to:—

TRUCK & BUS DIVISION, LEYLAND MOTORS (SCOTLAND) LTD., TRACTOR GROUP, BATHGATE, SCOTLAND.



taries. Firstly in seeking the opinion of the other, and secondly by tactful enquiry making certain that one greenkeeper will not resent a visit from another, and that they are of compatible character. Nor should there be any suggestion that one is going to be taught by the other. Obviously the greenkeeper cannot be expected to pay for transport, or entertain out of his own pocket, and it should not be on his day off.

A secretary worth his salt takes a pride in his course, and leads rather than commands his staff. Thus, these interchanges should present little difficulty.

A further advantage is the break from parochialism . . . the day after day effort to coax the best from the sandy, the mud and wormcast course, the east wind emaciated grass — in many instances mis-called turf.

Looking back, I can only wish I had taken the responsible man with me on more occasions when I went to watch tournaments. I am convinced there is profit to the man, a day out for one thing, and therefore to the course if he has an occasional walk around with one of his profession at a club foreign to him.

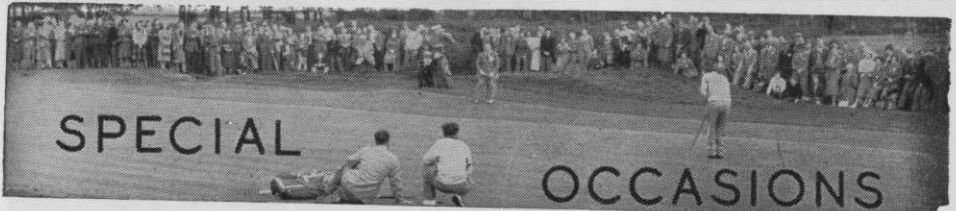


### HON. SECRETARY'S NOTES

#### Annual Draw

This year the draw will be run on the Dunlop Masters Tournament and the books of tickets are now in the hands of the Section Secretaries.

It is hoped that every member will do his utmost to promote the sale of these tickets to ensure the financial stability of our association.



<b>MAY</b>	6th	Midland Section Tournament—Oswestry G.C.
	13th	East Midland Spring Tournament—Stanton on the Wold G.C.
	13th	North-East Section—Visit to S.T.R.I.
	19th	Sheffield Section President's Trophy
	27th	Southern Section A.G.M.
<b>JUNE</b>	15th	Sheffield Section Union Match
	16th	Northern Section President's Prize
	22nd	South-West Section Am/Greenkeeper foursome
	23rd	Midland Section—Visit to Massey-Ferguson
	25th	Midland Section Annual Match
30th	Welsh Section A.G.M.	
<b>JULY</b>	8th	Sheffield Section Annual Tournament
	16th	South-West Section Summer Tournament



### NEW MACHINE REMOVES A TREE STUMP IN 15 MINUTES

A Vermeer Stump Cutter, which can remove a normal tree stump in 15 minutes with the minimum of site disturbance, has come into service with the Landscaping and Tree Transplanting Division of Scottish Land (Contracts) Ltd.

As well as using the machine on sites which are being landscaped, the company is also undertaking tree stump removal from parks, golf courses and sports grounds on a contract basis.

Says Mr George Christie, landscaping

director of Scottish Land: "Tree stumps are not only unsightly but expensive in terms of the extra time involved in cutting grass or cultivating ground around them. Until the Vermeer machine became available their removal was costly, too, because of the site disturbance caused by digging or blasting them out."

The stump cutter, which can be towed by a Landrover, simply grinds the stumps away leaving a neat pile of chippings.

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# COURSE FOR GREENKEEPERS

Tuesday, Wednesday and Thursday  
2nd, 3rd and 4th June 1970

Merrist Wood Agricultural College,  
Worplesdon, Nr. Guildford, Surrey.

This course on greenkeeping is designed to cover, in a very brief way, the fundamentals of grass culture and the maintenance of playing areas. It is open to all interested in the subject.

Fee, including Lunch, Tea and Coffee each day = £3 0s. 0d.

The programme is as follows:—

## TUESDAY, 2nd JUNE, 1970

- 9.30 a.m. Address of Welcome.  
Mr A. G. Harris, Principal.
- 9.45 a.m. *Lecture*: Duties of a Golf Club Secretary  
Capt. I. T. Roes, Burhill Golf Club.
- 11.00 a.m. Coffee.
- 11.30 a.m. *Lecture*: New Advances in Chemicals for Turf Culture.  
Mr D. H. Gooding, Synchemicals Ltd.
- 12.45 p.m. Lunch.
- 2.00 p.m. *Lecture/Demonstration*—Turf Handling.  
Mr G. Warwick, G.L.C. Parks Department.
- 4.00 p.m. Tea.
- 4.30 p.m. *Lecture*: Irrigation of Grassland.  
Mr A. D. Chatfield, Camaron Irrigation Co.  
Followed by a visit to Worplesdon Golf Course to inspect recent installations of irrigation equipment.

## WEDNESDAY, 3rd June, 1970

- 9.30 a.m. Film—"Keep on the Grass".
- 11.00 a.m. Coffee.
- 11.30 a.m. *Lecture*: Grasses for Sports fields and Greens.  
Mr R. Palin, Sutton and Sons.
- 12.45 p.m. Lunch.
- 2.00 p.m. Machinery Demonstration.  
Merrist Wood Staff.
- 4.00 p.m. Tea.
- 4.30 p.m. Machinery Demonstration contd.

*continued on opposite page*



## THE SPORTS TURF RESEARCH INSTITUTE

*Course of Instruction—13th-17th April 1970*

*From left to right, Back Row:*—P. C. Blacker, Woodsome Hall Golf Club; S. Ellis, Bradford G.C.; D. J. Breach, County of Kent Estates Department; D. L. Hankins, Corby Urban District Council; J. R. Thompson, County of Kent Estates Department; W. J. Bowden, Otley G.C.; R. Smith, Bradford G.C.; R. Emsley, Cleckheaton & District G.C.; R. M. Davis, Wyke Green G.C.; *Middle Row:*—G. M. Morrison, Cowal G.C.; D. Scott, Hilton Park G.C.; J. Docherty, Dumbarton G.C.; G. Proudlock, Wearside G.C.; P. Perkin, West Cornwall G.C.; H. J. Nash, Sheffield Twist Drill & Steel Co. Ltd.; G. Outram, Hickleton G.C.; H. J. Ashton, Burnham Beeches G.C.; *Front Row:*—B. Valentine, Vale of Leven G.C.; J. Leonard, Prestbury G.C.; F. J. Kempster, Glen Gorse G.C.; R. K. Wood, and R. Aling, Addington Court G.C.; R. A. Duncan, Hartsbourne Ctry. C.; J. F. J. Charles, Scotsraig G.C.; D. C. Marsh, Old Links G.C., Bolton.

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### THURSDAY, 4th JUNE, 1970

- 9.30 a.m. *Lecture/Demonstration*—The Care of Trees.  
Mr P. H. Bridgeman, Merrist Wood Agricultural College.
- 11.00 a.m. Coffee.
- 11.30 a.m. *Lecture:* The Control of Moss and Fungus on lawns.  
Mr A. E. Brougham, Messrs. Berks Chemicals Ltd.
- 12.45 p.m. Lunch.
- 2.00 p.m. *Lecture/Demonstration*—Soil Analysis.  
Mr H. E. Langham, Surrey County Council.
- 3.30 p.m. General Discussion on the Course and suggestions for future courses.
- 4.00 p.m. Tea.

END OF COURSE

# News



from the Sections

## EAST MIDLAND

By S. Fretter

Hon. Secretary:

4 Queens Drive,  
Leicester Forest East,  
Leicester.

Chairman:  
P. McCARRON

### Knock-out Competition

The draw for this competition took place at the Anchor Inn, Hathern, on Wednesday, 8th April, 1970.

#### PRELIMINARY ROUND

L. Spence (Scraptoft) v. G. Gittings (Birstall), B. Mott (Kettering) v. E. Gurney (Scraptoft).

#### FIRST ROUND

S. Fretter (Unattached) v. B. Bates (Birstall), R. Bailey (Kibworth) v. F. Fogg (Luffenham Heath), D. Warrington (Birstall) v. B. Mott or E. Gurney, J. Pilgrim (Willesley Park) v. R. Willars (Leicestershire), A. J. E. Cook (Birstall) v. T. Hendry (Birstall), I. R. Toone (Kirby Muxloe) v. P. McCarron (Leicestershire), G. Darby (Birstall) v. L. Spence or G. Gittings, K. J. Wood (Kirby Muxloe) v. W. L. Tuckwood (Charnwood).

#### NOTTINGHAM—FIRST ROUND

G. Arnold (Erewash) v. W. Woods (Stanton on the Wolds), A. Webb (Rushcliffe) v. R. O'Hara (Stanton on the Wolds).

The first round is to be played by the 21st May 1970 and the second round by the 24th June 1970.

Will the winner of each game please notify me.

### New Members

We welcome to this section a new Vice-President, Mr R. J. Bates of Birstall Golf Club, Birstall, Leicestershire.

We also welcome back to this section a greenkeeper who we hope will have a long

stay in this section—Mr R. Willars, 50 Blaby Road, South Wigston, Leicester.

### Subscriptions

All subscriptions became due on the 1st May 1970. Also would you please return all your pass cards as they are *no longer valid*. When you pay your subscriptions you will have a new pass. It would be appreciated and helpful if you would forward your subscriptions as soon as possible.

## NORTHERN

By J. Parker

Hon. Secretary:

Chairman:  
A. ROBERTSHAW

8 Goit Stock Terr., Harden,  
Bingley, Yorks.

### President's Prize

The competition for the President's Prize will be played over the course at Sandmoor Golf Club, Leeds, on Tuesday, 16th June, by courtesy of the Club Committee. Play will start at 3 p.m.—members being partnered on arrival.

### Annual Dinner

Fifty-two members, wives and friends attended the Annual Dinner in the Clubhouse of the Horsforth Golf Club on Wednesday, 4th March. An enjoyable evening was had by all and our thanks are due to our President for providing the entertainment.

### Subscriptions

Although some members have only just paid their subscriptions for the year commencing 1st May 1969, I must remind members that a new financial year's subs are now due. Our membership is falling so I would be glad if members would do their utmost to bring new ones into the Association.

### Handicaps

The following changes in handicaps have been made:—

D. Spurden 12 to 11, D. Storey 9 to 11, M. Barrett 9 to 11, S. Smith 15 to 17, A. Burge 24 to 22, L. Sharp 17 to 19.

## SOUTHERN

By F. W. Ford

Hon. Secretary:

Chairman:  
J. K. GLASS  
(Thorpe Hall)

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

### Annual Dinner

The Annual Dinner was held at Shirley Park Golf Club on Friday, 20th March, and a record number of 100 members and guests assembled for what turned out to be a good afternoon's golf and an excellent meal in the evening.

Following the meal, our President, Mr J. Wallis-Arthur read out apologies and good



wishes for a successful evening from the Association President, Mr Carl Bretherton, and the Captain of the Essex Golf Captains.

The Sweepstake for the 18-hole Stableford were then presented as follows: 1st, R. Vernon and Guest (41 points); 2nd, F. W. Ford and Dai Rees (39 points); 3rd, S. Kilby and C. A. Moore (38 points).

The President then called upon Mr Charles L'Archer, Captain of Shirley Park, to propose the Association.

Welcoming the Southern Section to Shirley Park for the first time, he said he hoped it would be the forerunner of many more such events. He also expressed great pleasure at being invited to the Dinner and congratulated the Secretary on the arrangements, etc.

The Association Chairman, Mr Henry Fry, was delayed with traffic problems on his journey from Swansea and was unable to be with us in time to reply. However, we are very fortunate to have such a versatile and competent Section Chairman in Mr J. K. Glass who, as always, was ready and willing to step into the breach.

Mr J. Wallis-Arthur then proposed the guests and in his reply Dai Rees said how pleased he was to be with us again and to see so many youngsters in the gathering. Referring to the golf, which he said he had enjoyed very much, the short 14th hole was one of the best he had seen.

One or two stories followed and the evening concluded by a last visit to the bar for drinks and goodbyes.

#### New Members

A warm welcome from the Section to the following new members: R. M. Davis (Wyke Green), D. J. Wilde (Mitcham), P. N. Marshall (Truro), J. B. Monk, B. J. Richardson and N. A. H. Griffin of Effingham Golf Club.

## SOUTH-WEST

**By A. Cockfield**

*Hon. Secretary:*  
10 Clarence Terrace,  
Claverton Down, Bath.

*Chairman:*  
L. MILLAR

#### Annual General Meeting

Twenty-two members attended the Section A.G.M. held at Saltford Golf Club on the evening of 24th March.

Last year's Minutes and balance sheet were read and approved. The Committee appointed for the coming year was as follows: Chairman, L. Millar. General Committee—I. Scoones, W. Light, J. Torrance, S. Baber and R. King. The Summer Competition and prizes came in for some discussion. But it was finally agreed that in order to make the day more competitive a prize to every three competitors in each section was all that was required. Sweep money was also to be increased in order that a percentage could go to the prize fund.

The Christmas Dinner 1970. Long Ashton Golf Club was to be approached as a possible venue. If not convenient Lansdown Golf Club was recommended as a second choice.

The results of the 18-hole Medal Competition held on the afternoon of the A.G.M. were as follows:—

Best Gross—L. Millar, 78.

Best Nett—R. Jones, 81:11:70; M. Dodd, 79:9:70; B. Summers, 88:18:70; W. Light, 82:11:71.

These four qualify for the S.W. Artisan Championship. Date to be announced later.

At the conclusion of the meeting I. Scoones proposed a vote of thanks on behalf of the Section to Saltford Golf Club for permitting us to hold our Competition and meeting at their club.

#### Am/Greenkeeper Foursomes

Will all members please note the date of the Am/Greenkeeper Foursomes—Monday, 22nd June. It is important for every member to support this event.

#### Annual Summer Competition

The Annual Summer Competition will be held at the Mendip Golf Club on Thursday, 16th July.

## MIDLAND

**By R. Goodwin**

*Hon. Secretary:*  
4 Burton Old Road,  
Streethay, Lichfield,  
Staffs.

*Chairman:*  
G. HART  
(Gay Hill)

#### Massey-Ferguson Day Trip

A visit to Massey-Ferguson U.K. Ltd. of Coventry has been arranged for Tuesday, 23rd June. There will be a coach leaving the Civic Centre, Broad Street, Birmingham, at 9 a.m. Will members wishing to go on this outing please let me know by the 31st May.

#### Annual Match at Handsworth

Mr Bretherton has arranged the date for the Annual Match between the President's team and the Greenkeepers for Thursday, 25th June, at the Handsworth Golf Club. Last year's match attracted a record number of Greenkeepers and I would like to see a similar number along this year.

## SHEFFIELD

**By H. Gillespie**

*Hon. Secretary:*  
63 Langsett Avenue,  
Sheffield, S6 4AA.

*Chairman:*  
G. HERRINGTON  
(Lindrick)

#### Lecture

The final lecture of this winter on 26th March by Mr French, of Rentokil Laboratories Ltd., was entitled "Pest Control on Golf Courses". It was in keeping with the previously monthly meetings with 30 mem-

bers. The evening was very informative and some very interesting questions were asked. I would like to thank all members who have attended lectures during the winter series. The numbers have been very encouraging both to the lecturers, who travel many miles to be with us, and to those responsible for the organisation of the programme. It makes it all worth the effort. If you have any suggestions for next winter please let me know and I will gladly try to make the necessary arrangements.

### Tournaments

The dates of the tournaments are as follows:—

19th May—President's Trophy—Hallowes Golf Club.

15th June—Sheffield Union Match—Phoenix Golf Club.

8th July—Section Annual Tournament—Lincoln Golf Club.

17th, 18th, 19th August—Association Annual Tournament—Filey Golf Club.

29th September—Northern Section Match—Rotherham Golf Club.

Entry forms for these will be sent out nearer the dates.

### Ransomes Visit

The visit to Ransomes will have taken place by the time you read this and a report will be in next month's issue.

## NORTH-WEST

By H. M. Walsh

Chairman:  
T. BRENNAN.

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

### Subscriptions

Will all members please note that subscriptions are now due for 1970, please forward them to our Treasurer, Mr Macavoy and NOT to me. Will you also forward your old pass book when a new one will be issued.

### In Memoriam

It is with regret that I have to inform members of the passing of Mr J. R. Borthwick, Head Greenkeeper at the Northenden Golf Club and who was associated with Northenden for over 30 years, and on behalf of the members of the Section to extend to his wife and family our deepest sympathy in their bereavement.

### New Member

We welcome to the Section on his rejoining, E. Walsh, Childwell Golf Club, Naylans Road, Liverpool, and hope his association with the Section will be a happy one.

## WELSH

By S. A. Tucker

Chairman:  
M. GEDDES,  
23 Fenton Place,  
Porthcawl, Glamorgan.

Hon. Sec. and Treasurer:  
36 Clase Road, Morriston,  
Swansea, Glamorgan.

### Annual General Meeting

The Section Annual General Meeting will be held at Southerdown Golf Club on Tuesday, 30th June. This meeting is in conjunction with the Secretaries. I must have your entry by 18th June so that I can let Mr Leonard know how many will be coming and so enable him to make the necessary arrangements for lunch and dinner. PLEASE let me have your entry as soon as you know that you can come.

### Subscriptions

These are now due and I ask you to please bring them with you as it will save Mr Geddes a lot of time and expense in chasing late subs. It will also enable him to clear that section of the accounts. Thank you.

### Congratulations

On behalf of the members of the Section I would like to congratulate Jack Martin of Pennard Golf Club on completing 20 years with the club. As a token of respect for his good work the club has made him an Honorary Member. Good Luck Jack and we hope you will continue for many more years.

---

(continued from page 8)

### Mastiff—improved balance

All Mastiff 30 and 36 inch mowers now have improved poise. These exceptionally popular mowers are fitted with a new balance bar and solid handle bar as standard to ensure perfect balance when mowing. When mowing without the grass box, poise can be restored by moving the balance bar.

### Electric Start

This is now fitted to the 36 inch Mastiff and the ride-on Twenty-Four and works from a self righting key switch. Among its more obvious advantages is its ease of starting, especially in confined spaces.

### General

On exhibition on Ransomes display will be a wide range of domestic and professional mowers with a choice of mowers to suit most purposes.

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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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erton, 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., Hurdfield,  
Macclesfield, Cheshire.

### TURF AERATING APPLIANCES

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

# Ransomes Auto-Certes

for a superb finish to golf greens,  
cricket squares and bowling greens

20" CUT  
& 18" CUT

#### Single point height-of-cut.

A single micro hand wheel adjusts the height-of-cut from  $\frac{1}{8}$ " to  $\frac{3}{4}$ " at only  $\frac{1}{4}$ " at a time.



**Dual control.** Separate handroll and reel clutches enable easy control of the mower at all times.

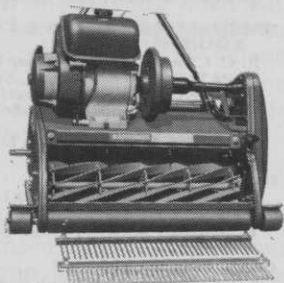
#### Super strength cutting reel.

The 10-knife, impact resistant steel, cutting reel stays razor sharp longer—gives a perfect finish.

#### Outrigger rolls.

Fitted as optional extensions to normal front roll—gives extra stability on undulating green.

**Transporting.** Power-driven transport wheels allow quick, effortless site-to-site transportation.



#### Brush and Comb Set.

A nylon brush and steel comb are optional extras, for controlled turf grooming.

Ransomes lawn mowers are the sophisticated end product of our 130 years of experience. In all that time, the company have been in the forefront of grass care progress, and have pioneered most of the worthwhile improvements in mower design. In brief, Ransomes know how to make mowers. More important, they know from an immense practical field experience, how you will use them, and the kind of problems you are facing and solving daily.

Mowers built in the light of this knowledge excel.

Because of it, a vast range has been developed, with performance values that make work study worthwhile; that enable close and economical costing of mowing schedules with machines matched *exactly* to the job.



## RANSOMES

Ransomes Sims & Jefferies Ltd., Ipswich

**Manufacturers of the largest range of grass machinery in Europe**