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Published monthly for the benefit of greenkeepers, greenkeeping and the game of golf on behalf of the British Golf Greenkeepers' Association

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BANDIT 2500 model available with a big 8' 3” cutting width.

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Tel: Bidford-on-Avon (078-988) 3383 Telex 311081.
We are hoping that Clifford Wagoner and David Gourlay, Presidents respectively of the American and the Canadian Golf Course Superintendents' Associations will be attending the International Greenkeepers' Tournament sponsored by Ransomes on October 2nd and 3rd. If they can make it, they are more than welcome. The form of the Symposium on the day after the Tournament is also taking shape with six papers by specialists, each followed by a general discussion which an official panel will begin. Quite a number of inquiries from interested parties have already been received. An application form appears in this issue.

On the subject of Paul Voykin's article last month, those who attended the last Annual General Meeting at St. Annes will remember that a test vote on whether members preferred to be called Greenkeepers or Superintendents came out just about even. But what are the alternatives? The Scottish equivalent of 'steward' is 'club-master' and 'green-master' would sound very well if it were not reminiscent of - footwear, is it? 'Links supervisors', as at St. Andrews, is very impressive though purists would cavil at the indiscriminate use of 'links', inland. 'Course supervisor' or 'course master' sounds too much like the race-course. What about 'B.A.C.C.? British Association of Course Custodians'? No, I don't think so. (Nor 'B.I.L.C.' either.) Somebody even suggested 'Course Curator', which sounds rather dusty.

No! As Mr. Voykin said, there is nothing wrong with 'greenkeeper'. But it should perhaps be carefully separated. 'Green (pause) keeper'. The keeper of the green - a very honourable and exact title. It only goes awry when people talk about Greenskeeper just as they talk of a Greens Committee sometimes. But are 'course' and 'green' easily interchangeable? The 1893 Golfing Annual talking of Bridge of Weir says: 'The course which was laid out (etc., etc.) is equal to any green in Scotland.' And again of Crawford: 'The green which consists of 18 holes is an excellent inland course. . . .'. And finally, at Grantown, 'The Ladies have an excellent nine-hole green which is looked after by the keeper of the gentlemen's course.'

Are you a greenkeeper or a course keeper?

The Institute of Groundsmanship's International Exhibition '73 looks like being bigger than ever. Help to make it a bigger attendance too. You will find it interesting and helpful.

- September 18th, 19th and 20th are the dates from 10 a.m. to 6 p.m. (5 p.m. on 20th).
- R. Tempest (Southern Section) is organising a big Dinner and Dance on October 27th at The Grasshopper Inn, just west of Westerham in Kent on the A25. The party starts at 7 p.m. and tickets will cost £2.50. Dress is informal and early application is requested so that numbers can be finalised early.
The new SISIS Autocrat is the ideal aerator for all fine turf areas — golf greens, bowling green, etc. The Autocrat gives fast coverage because of its great manoeuvrability (turns in its own length) its 3 ft. width and its speed of operation. A 600 sq. yd. golf green can be tined in 30 minutes and an average bowling green in 1½ hours.

All controls are accessible from the operating position behind the machine and a self-release control lever is fitted for maximum safety. Depth adjustment up to 4 ins. is quick and simple without tools. There is a separate control for disengagement of the drive to the tines and quick transfer to the transport position without tools. Standard SISIS Auto-Turfman tines can be fitted giving the choice of slit tining, solid tining or hollow coring.

Ask for a demonstration

SISIS EQUIPMENT (Macclesfield) LTD.
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Top Dressing

James Bradbury
Sports Turf Consultant

Hommersteeg Seed Company Limited

One of the essential tasks in the Autumn programme of Golf Greenkeepers is the application of top dressing to the greens and tees; whatever time has been spent on early-autumn renovation work, the time given to the final operation of applying the dressing is of the utmost importance.

The main purpose of applying top dressing to turf is to improve the physical condition in which the root structure can expand in the coming autumn and winter months, and to provide a resilient, even surface for future play.

What does the average top dressing consist of? Quite often this depends on where the course is sited – is it near the coast, is it an established course, is it one of the many new courses – with its multitude of problems (usually caused by modern construction methods) – passed on to the greenkeeper? Some courses have greens which vary considerably in their make-up, especially on some heathland. All these problems will have completely differing requirements, and any young greenkeeper with such complex problems should seek advice from local courses, where experienced greenkeepers are usually only too pleased to offer sensible advice, if approached in the right manner.

On the seaside links the greenkeeper will use the local dune sand and old turf from repairs; close contact with local building contractors (who themselves are perhaps keen golfers) usually means a supply of local soil. Farmyard manure, if available, is also incorporated, along with grass clippings from the course. The inland links, of course, only need change to local pit sand, and some courses have a source of supply on their own links. Many pit sands, along with the dunes sand, have a slight lime content, some more than others. When this is so, and the quantity of calcium is known, some adjustment for this should be made in the fertiliser programme; many inland courses will not find soil easy to acquire, and care should be taken that the pit sand and the soil used have a very low clay content. Anyone within reasonable distance of a sugar-beet factory would be well advised to inquire as to the availability of soil from the washing plant.

The make-up of most top dressing suitable for greens and tees is usually 50 per cent Dune or Sharp sand, 40 per cent light loam with a low clay content, 10 per cent fine peat. Some greenkeepers apply 1 cwt. of pinhead charcoal to each ton of screened compost; all compost must pass through 3/16 in. or 1/4 in. riddle mesh, and screening is best done in a dry shed or barn, when the staff can be occupied on rainy days. But wherever one is sited, it is important when making the compost heap to prepare it in layers some 6 in. to 9 in. thick. On some courses the heaps must be nearly 30-ton capacity. It is a must – to assist in the breakdown of the materials – to turn the heaps at intervals of 9 and 16 months. It is usual to take two years to really break them down into well-rotted humus-forming material. In the old days the turning of the heaps was no easy and pleasant task, but with the modern tractor with its front-mounted bucket, it is relatively easy.

Many very experienced greenkeepers incorporate light dressings of lime and sulphate of ammonia between layers, to assist the breakdown of the organic matter; others do not agree, being firmly convinced that the nitrogen released with the top dressing en-
Dear ‘Besieged’ of Tunbridge Wells...

If it’s any consolation, you are not alone in your difficulties.

Every week, groundsmen and greenkeepers write to me from all over the country, worried about the state of their turf; and the effect it’s having on their players.

I tell them that what they really need is a proper turf service. The best one I know of is operated by Fisons of Cambridge.

Not only do they offer an unusually fine range of products, but something that is invaluable in this day and age – a sympathetic ear.

They’ll send a man round to see you, free. You can talk things out and sort things out. (All their people are thoroughly trained in all aspects of turf culture.)

Then he’ll recommend the best course of action in your particular case; although, of course, you’ll be under no obligation.

Anyway, why don’t you get in touch with them yourself? The address to write to is: Fisons Ltd., Recreational and Industrial Dept., Harston, Cambridge, CB2 5HU. Or you may call them at 0223 870312.

Meanwhile, may I suggest a stout padlock?

**The complete fine turf service.**

---

*Fisons Agrochemical Division*
courages soft growth and brings on fungal diseases such as Corticium and Fusarium during a mild autumn. Others contend that the excess lime alters the P.H. and encourages clover and worms. Certainly this period after top dressing does cause troubles with fungal diseases for some greenkeepers, but more often the cause of the trouble is one of the following: the top dressing was applied too thickly and not worked in; it was done under wet conditions; soil with a high clay content can smother fine grasses; fine sand which forms a layer and is not easy to work into the surface. I personally think the main cause of top dressing troubles is lack of scarification and aeration; it is an essential part of autumn work to do both scarification and aeration correctly, essential to allow oxygen to the plant root, structure, and top dressing should never be applied to turf if it has a growth of grass exceeding 3/16 in.

Many greenkeepers simplify the making of dressing by purchasing a ready-made product; many of these are a boon to the greenkeeper with no resources to stack into heaps, or with a limited staff unable to spare the time to gather material. Some of these ready-made dressings vary considerably from one brand to another; some have a very high regard of fine peat, another a large proportion of sand; whichever type is chosen, if found to be satisfactory – stay with it – don’t chop and change, as long as the product remains constant.

I do think a lot of serious green trouble is caused by applications of straight dressing, such as one year sand, one year peat, and I am convinced that all dressings must be thoroughly mixed together; to apply straight dressing will cause a build-up of layers of these materials under the sward; this will eventually lead to hard-capped greens of uneven pace, and on this surface players will have great difficulty making the ball stop, and unless regular seration is prac-
tised it is nigh impossible to get water into the green. If peat is the dominant factor, just the opposite can happen, soft spongy greens; thatch starts to build up unless regular scarification is carried out. Both methods lead to major troubles; root action is restricted, the sward becomes stunted and sparse and benefits very little from fertiliser when applied, and soon one is faced with desperate measures – should one re-lay the greens or will a combined scarification and hollow tining programme be sufficient – result, the green is out of play for a considerable time. The decision to undertake either method on some heavily used courses would almost require an act of Parliament! Look for layering when changing holes, and plan accordingly.

Some greenkeepers mix into the top dressings autumn fertiliser and apply to the green. I have reservations on this method, and fail to see how time is saved or how one can apply the fertiliser equally. I am sure a dressing of it can be applied more easily and quickly to a green by modern methods, or by hand if no spreader is available, than by mixing so many cwts. to so many tons of compost. I would recommend that fungicide be applied to the green before any top dressing be used, that all dressing be in a fairly dry state, and it is essential that dry conditions prevail during the operation to assist in working the dressing into the base of the sward. What method you adopt to put on the dressing is your choice; some use wooden lutes, others Tru-lutes, and to still see the experienced man casting with a shovel, working against the wind with a flick of the wrist as he casts, is something the machine age cannot compete with. As each green is covered I would recommend it be finished off with a steel drag mat pulling both ways across the green; it is most essential to work the dressing in thoroughly.

Usually, 3 to 4 lb. per sq. yd. is a
TOP QUALITY TURF DOES NOT GROW... 

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

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

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

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

People who KNOW go to PARKERS

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

PARKER & SONS (Turf Management) Ltd.,
Worcester Park, Surrey, KT4 7NF
Telephone 01-337 7791 01-337 0861 (10 lines)
sufficient dressing to apply at any one time; a green of around 500 sq. yd. would take about 18 cwt. of compost, but should the green have been hollow tined this operation done by hand can remove some 10 to 12 cwt. of cores, and allowance should be made for two dressings to restore a true surface; allow some four to six weeks between dressings, always drag mat after spreading; I prefer a steel mat to a brush, the mat following the contours of the green much better. It is necessary to sterilise top dressing, often an expensive task and labour can be very involved; it does ensure weed-free compost, how essential that is on strong healthy sward is not easy to judge, but on poor thin swards some weeds could be worked in and be troublesome the following summer.

**News**

Cambridge Soil Services combine expert technical knowledge with very extensive practical experience. This, together with the research and development constantly carried out in their own laboratory, workshops and trial grounds at Cambridge, enables them to provide the best possible answers to questions of sportsfields drainage, soil conditions and grass growth.

This year their main feature at Motspur Park is the new Triple Sand Injection machine they have developed. By using this entirely original patented method they are able to carry out highly effective sand slitting at a fraction of its former cost yet only causing the very minimal of surface disturbance. Many First Division Football pitches, County Cricket Grounds and Golf Courses have been treated as well as sportsfields and recreational areas of Local Authorities.

The Parker 1973 exhibit at Motspur Park will be of particular interest to Golf Greenkeepers. The company report a continued increase in their range of Verdant Grass Seeds and Fertilisers. In addition, the company are London and Southern counties distributors for the Hommersteeg Seed Co. and responsible for the selling and distribution of Pedigree Grass Seed to Clubs within the area.

The latest machines from Sisis will be on show including the Sisis Autocrat, an attractively priced self-propelled Aerating machine ideally suited for golf greens. The well-known Parkamatic Self-Travelling Sprinkler will be on show and finally the Ransomes 67 in. Ransomes-Hahn Tournament Triplex. This machine has been supplied by Parkers to some of the leading Clubs in the South of England including Walton Heath who possess two.

A warm welcome is guaranteed to all their friends at Stand No. 3, Avenue 'F'.

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**Warren's ** A-34

**BLUEGRASS**

Recovers more quickly from injury, highly disease resistant, excellent dark green colour, tolerates heavy shade (up to 65%). Excellent for home lawns, playing fields and golf courses.

For information contact:

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September 1973
The first ever International Golf Greenkeepers Tournament to be held at Woodbridge, Suffolk (by kind permission of Woodbridge Golf Club)

**Wednesday October 3rd 1973**

Teams of three have been selected from Canada, Eire, England, Europe, Scotland, United States and Wales.

The Tournament is a 36 hole Stableford event. The winning team will hold, for one year, an inscribed silver salver. Each member will also receive an inscribed tankard. Each member of the second and third teams will receive an inscribed tankard.

Plus a comprehensive exhibition of the most advanced grass machinery available today, with expert consultants in attendance.

Excellent car parking: bar and luncheon facilities.

This tournament, sponsored by Ransomes, commemorates the BGGA’s sixty years of service to British Golf.

Get full details from your Branch Secretary, local Ransomes distributor, or write direct to Ransomes Sims & Jefferies Ltd., Nacton Road, Ipswich, Suffolk.
One of the most difficult and damaging diseases of turf is probably fusarium patch disease (Fusarium ni-
vale) which attacks most varieties of grasses used on amenity and ornamental situations. However, a new systematic fungicide is now on the market which, in wide-scale trials, over the past two years, has shown a very high level of control of the disease.

The basic active ingredient is thia-
bendazole – chemical name 2-(4-thia-
zolyl) benzimidazole. It was developed by Merck Sharpe & Dohme and has been in use as an anthelmintic for livestock since 1962. The new formulation developed by Rothwell Plant Health Ltd., is now available under the brand name of ‘Tecto Systemic Turf Fungicide’ and is marketed in the U.K. by Synchemicals Limited.

Attacks of fusarium patch disease can occur throughout the year but are likely to be most serious during late summer and early autumn or whenever the weather is dull and damp. Like most fungal diseases, it flourishes in conditions of low sunshine and will attack grass in the middle of winter if conditions are mild enough. This situation can be particularly bad if too much nitrogen has been applied in the autumn encouraging a late growth of lush grass.

The first signs of the disease are usually small, circular patches, about 1 to 3 in. in diameter which have a dull, slimy appearance. This can be preceded either by browning of the grass or copious growths of mycelium which begin to show up before the grass discours. The grass then rapidly becomes limp and collapses whilst in moist conditions a faint fringe of white or pale pink mycelium appears and tends to mat the aerial parts of the plant together. The patches rapidly lose their colour and eventually the grass blades turn brown. If left unchecked the patches will gradually increase to 12 in. or more in size as the spores spread and infected areas will begin to merge into each other in large irregular areas.

The fungus may penetrate into the crown of the plant which collapses and will often die right out allowing indigenous weedy species to take over.

Attacks are usually started by renewed growth of dormant mycelium present in the sole of the turf. The disease is spread by spores being carried on machinery, feet or by infected grass cuttings being moved from one place to another. As soon as conditions are right, the disease begins its attack on new areas of turf.

Until now the most widely-used treatment for the disease has been with a mercurial dressing. However, the main disadvantages with this chemical is that it often reduces the greenness of the grass and this is particularly important as far as sports and amenity areas are concerned. In addition, there are indications that the effect on colour is a sign of reduced photosynthetic activity and this, of course, affects the entire growing process of the grass.

In trials with Tecto Systemic Turf...
Just like your club, your turf needs a professional.

For expert help and advice with their game, most club members have a professional to turn to. But who can a green keeper turn to for help in keeping his turf up to par?

His own professional: SAI TURF FOOD

Courses like Carnoustie and Muirfield use SAI Turf Foods. It works wonders with grass.

It comes in the form of mini-crumb granules which makes it easy to spread. It also stays where it’s put, releasing its goodness slowly into the soil to strengthen grass growth.

For stronger, greener, cleaner, healthier turf, try SAI.

All enquiries to the manufacturers or to our accredited suppliers for England and Wales: Chipman Chemical Co. Ltd., Horsham, Sussex. Telephone 60341/5

HORTICULTURE LTD.
Hortus House, 3 John’s Place, Edinburgh.
Telephone: 031-554 5451
Fungicide, particular attention has been paid to any changes in colour of the turf following treatment and comparative trials with mercury have shown a much better colour result is obtained with Tecto Systemic Turf Fungicide.

Since 1971 trials have been carried out on a range of golf greens and fairways, bowling greens, tennis courts, cricket pitches and ornamental turf areas. Best results have come from an application of 2 oz. of Tecto Systemic Turf Fungicide in 2½-10 gal. of water for 1,000 sq. ft. using a conventional sprayer.

Comparative trials in 1972 using mercury salts, Tecto Systemic Turf Fungicide and untreated control plots over five different sites showed that the area treated with mercury salts reduced the infection area one week after treatment to 77 per cent compared with 100 per cent on the untreated area, while that treated with the new fungicide, showed a reduction in the infected area to 39 per cent. Six to eight weeks after the first treatment with a second application at the four week stage, the infected area in the control plot had risen to 108 per cent, the mercury treated area was down to 62 per cent while the Tecto treated area was cut to only 24 per cent (see Table I). A big advantage with Tecto's systemic activity is that it protects the whole leaf of the plant as well as killing the disease spores.

In another series of trials carried out by Rothwell Plant Health the new formulation has also been shown to have a good level of activity against Corticium disease or Red Thread (Corticium fuciforma) and Dollar Spot (Sclerotinia homoeocarpa) and it it likely that a similar method of treatment with Tecto Systemic Turf Fungicide will be recommended for these two diseases for the coming season (see Table II).

Initially Tecto Systemic Turf Fungicide is being recommended as a curative treatment for Fusarium Patch but in areas where the disease risk is high it is likely that the chemical will be most effective when used as a prophylactic dressing as part of the general system of turf maintenance in the autumn.

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<tr>
<th>TABLE I</th>
<th>Relative Fusarium Patch Levels</th>
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<tr>
<td></td>
<td>(Mean of five sites)</td>
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<tr>
<td></td>
<td>1 week</td>
</tr>
<tr>
<td>Nil</td>
<td>100</td>
</tr>
<tr>
<td>Mercury Salts</td>
<td>77</td>
</tr>
<tr>
<td>Tecto Systemic Turf Fungicide</td>
<td>39</td>
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(Treatment was repeated after three weeks)

<table>
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<tr>
<th>TABLE II</th>
<th>Effect of treatment on Dollar Spot and Red Thread</th>
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<tr>
<td></td>
<td>(Mean of four sites)</td>
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<tr>
<td></td>
<td>Dollar Spot</td>
</tr>
<tr>
<td>After 1 week</td>
<td>Nil</td>
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<tr>
<td>After 3-4 weeks</td>
<td>152</td>
</tr>
<tr>
<td>After 6-8 weeks</td>
<td>21</td>
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</table>

(Treatment was repeated after three weeks)

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**Book Review**

The first edition of: A new annual 'Guide to Golf Courses in the U.K. 1973' has just been published by I.P.C. Business Press Information Services. Each Club Captain and Secretary will get a free copy. The rest of us will pay £2. Quite a lot of book for the money – over 35 oz. of information, local, general and specific. Fun to roam about in – Indian restaurants, hotels, carpets, tree surgery, fashion houses – with little snippets of Tom Scott woven into these advertisements. Golf Clubs are listed under counties and they all seem to be there including several I had never heard of. For those of you no longer living in North Kent, the advertisement of funeral directors in that area appear on page 220. Older warriors will turn to page 61 for that Ferndown restaurant ‘Valhalla’.

September 1973
Quick-change artist

The Ransomes-Hahn Tournament Triplex is a remarkable machine — so remarkable that we call it the world's first Greens Management System. The Tournament Triplex is a 12hp vehicle with hydrostatic drive, which powers four separate turf maintaining operations. Each conversion, from superb greensmowing to utility mowing, to Verti-Cutting, to spiking takes less than a minute — and no spanner! **Greens Units** A full 67" cut. Each 23", nine-bladed cylinder can be lifted individually. **Utility Units** Heavy-duty cutting cylinders and bottom blades for approach and tee mowing. Grass catchers provided with all units. **Verti-cut Units** Patented twin offset blades remove 'thatch', keep greens in play even in difficult conditions. **Vibra-Spiker** Now spiking takes even less time than greensmowing. High-frequency vibration penetrates to a depth of 1½" with a minimum of compaction. The combination of this unique quick-change unit feature, full 67" swath for every operation, variable-speed units and individual unit lifts make the Tournament Triplex an investment which no club can ignore. Your local Distributor is keen to impress you with a demonstration. Give him a call.

Ransomes Sims & Jefferies Ltd., Ipswich.
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- Arriving 3rd Oct.
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- Earlier

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Official Date: Rec: N.C.: H.L.: Tr: Ch: 
Official Use only Sum: Prog: Loc: P.C.: Ad:
First British Turfgrass Symposium, Ipswich
Thursday 4th October 1973

Arranged by The British Golf Greenkeepers’ Association in the interests of greenkeeping and golf at large.

This conference will interest all concerned with providing and maintaining fine turf surfaces, especially for golf. Future conferences will be held at other centres in the British Isles.

**Theme**
The 1973 theme will be Irrigation and Drainage. The symposium will include papers by leading specialists on automatic water systems; new drainage techniques; constructing artificial water hazards; use of new machinery; research – its progress and limitations. A general forum with questions and answers will follow each paper.

**Registration**
Early application for registration is advisable. Attendance is limited to 250. Apply on the enrolment form and send it with cheque for £3.00 to:
B.G.G.A. Conference,
Addington Court Golf Club,
Featherbed Lane,
Croydon CRO 9AA.

The registration fee covers morning coffee, buffet lunch, and a bound copy of all papers delivered at the symposium. Transcripts of discussions will be published subsequently. Train times, hotel list, map of conference location and detailed programme will be sent with confirmation of your registration. You will receive name tag and conference proceedings on arrival at the Conference.

Please apply early.

**Travel**
Ipswich is 74 miles from London by road (mostly dual carriageway). There is ample car parking at the Conference site. Trains run at hourly intervals from Liverpool Street Station and take about 80 minutes.
The 8.30 arrives Ipswich, 9.51
The 17.30 from Ipswich arrives London, 18.55

(The B.G.G.A. acknowledges gratefully the assistance of Messrs. Ransomes, Sims, Jefferies Ltd. in the organisation of this first symposium.)
Speakers

**Chairman**  Geo. McPartlin, O.B.E.

**Speakers**
- Dr. A. N. Ede  
  Land & Water Management
- J. R. Escritt, M.Sc.  
  Director, The Sports Turf Research Institute
- G. G. Fisher, B.Sc.  
  Cambridge Soil Services
- R. W. Sitwell  
  Watermation Limited
- T. Mascaro  
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  Golf Landscapes Ltd.

**Panel Members**  (Provisional)
- Robert Mitchell  
  Immediate Past President  
  Golf Course Superintendents Association of America
- D. Gourlay  
  President, Canadian Golf Superintendents Association
- I. Scoones  
  Chairman, British Golf Greenkeepers Association
- J. K. Campbell  
  Links Supervisor, St. Andrews
- J. K. Glass  
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- Geo. Wilson  
  Le Prieuré, Paris
- F. W. Hawtree  
  Vice President, B.G.G.A.
When an advertiser tells you that a conversion is quick it's customary to take it with a pinch of salt. But this time take it as fact. Trying is believing, and you can try it for yourself at your local Ransomes dealer! You simply pull the connecting pin and quick-couple cable, remove the existing unit, and slip the selected unit into place. It takes less than a minute! Honest!

**Tournament Triplex Greens Unit**
A full 67" of cutting width with the exclusive features of variable speed cylinder drive, giving you a cylinder speed completely independent of ground speed. Units may be operated one-down, two-down or all-down.

**Tournament Triplex Utility/Tee Units**
Triplex utility units use same seven-blade design as greens reels, but have heavier fairway blades to withstand approach and tee mowing. These units are ideal for approach maintenance and the precision cutting of tailored tees, and can be adjusted down to 1/4" for greensmowing after top-dressing.

**Tournament Triplex Verti-Cut Units**
Verti-Cut units use durable, yet thin offset blades to remove thatch and grain as they begin to form. With 67" of cut (the Verti-Cut units are the same width, work at the same speed, and use the same grass catchers as the greens and utility units) and a riding vehicle, these attachments are ideal for preventing the development of thatch etc., lessening the need to take greens out of play for renovation. Variable-speed cylinder drives provide high tip-velocity even at low forward speeds.

**Tournament Triplex Vibra-Spiker**
Vibra-Spiker reels use gentle high-frequency vibration to achieve deep penetration, without excessive weight, even when ground is hard and dry. Spiking (summer aerification) provides root pruning and moisture absorption, relieves surface compaction, and conserves fertilizers and fungicides by getting them immediately to the root zone. Full 67" swathe and Triplex speed make spiking a task that now takes even less time than greensmowing. Spiker penetrates to depth of 1½".

**Ransomes-Hahn Tournament Triplex**
- the world's first Greens Management System.
Make a date for:

THE INSTITUTE OF GROUNDSMANSHIP INTERNATIONAL EXHIBITION 1973

to be held at the
University of London
Athletic Ground
MOTSPUR PARK, NEW MALDEN, SURREY
on the 18th, 19th, & 20th of September

Everything that is needed for the Lawn, Sports Ground, Playing Field, Leisure Area and Golf Course, will be on show at this important Exhibition.

If your interest is in these areas, then Motspur Park is the place to see and discuss the latest in Mowing Equipment, Aerating Machines, Rollers, Distributors, Tractors, Power Units, Power Saws, Watering Equipment, Spraying Machines, Markers, Nets, Seeds, Fertilisers, Chemicals. In fact, all you need to maintain your professional standards, in one place at one time.

Write the dates in your diary now - times between 10 a.m. and 6 p.m. It's easy to find, close to the New Maiden Roundabout on the A3 Portsmouth Road, or direct by train from Waterloo.

Further details from:
The Institute of Groundsmanship, 108a Chessington Road, West Ewell, Surrey. 01-393 8027

AS ONE PRO' TO ANOTHER

When you have tried all the other "Specialists" and failed to find the right gear at the right price — get on to us!

For over 40 years, we have wheeled and dealt in Surrey, Berks and Bucks. Nowadays, we cover most of Middlesex, Hants and Oxon, too. We handle all the better Manufacturers' equipment, mostly on a "Main Distributor" basis. Our inventory of Professional equipment is vast and so is the supporting stock of spares.

Greenkeepers, Groundsmen and Club Secretaries are always welcome at Sunningdale to inspect our set-up, to obtain information and leaflets, or just to pass the time of day! Alternatively, if you care to write or telephone, we will deal with your inquiry, honestly and fully.

ROBERT H. ANDREWS LTD.

Professional Equipment Division, The Garden Machine Centre, Sunningdale, Berks. Tel: Ascot. 22191

The British Golf Greenkeeper
New Products

New Machine For Turf Management

For the first time in the United Kingdom, Howard Rotavator Co. Ltd. will be displaying their tractor powered ‘Turf-Quaker’ machines, the latest equipment in the field of turf management. Special blades operate in such a way that the turf in addition to being slit is also shaken so that compacted roots are freed, whilst the surface is hardly affected. These machines, which are proving most effective in the U.S.A. and Australia, should be of great interest to grounds men responsible for playing fields, sports grounds, etc., whilst a hand-controlled model is available for lawns.

Hand-controlled Rotavators and the full range of Howard Bolens riding mowers and garden tractors will be on display together with some of the many attachments available for those machines.

New Sprayer From Allmans

A new model of the Polypak shoulder mounted sprayer will be introduced at Motspur Park by E. Allman & Co. Ltd. of Birdham Road, Chichester, Sussex. Stand No. H26.

It is an 18 litre (4 gal.) version, which replaces the 13.5 litre (3 gal.) model.

A translucent polythene container is mounted on a lightweight steel frame which has an adjustable shoulder harness.

A lever operated pump provides a working pressure of 65 p.s.i. and a full range of booms and attachments is available.

Containers are interchangeable so that most types of chemical can be applied without fear of contamination.

Price of the new 18 litre model is £22.50 plus V.A.T.

Motspur Debut For Ride-on Mower From Flymo Ltd.

A 25 in. ride-on rotary mower new to the United Kingdom will make its Motspur Park debut on the stand of the Consumer Division of Flymo Ltd. of Watford.

The new, compact Toro 25 ride-on mower is designed to speed mowing time on semi-formal grass areas of around one to two acres.

All-up weight of the new machine is 210 lb. Length is 48 in., width 31 in. including the cutter unit, and height is 34 in. The turning circle is only 62 in. to the inside rear wheel.

Also seen at Motspur Park for the first time will be the Toro Trojan 3 with three 21 in. heat-treated rotary blades providing a 60 in. cut under a heavy-duty 10 gauge steel cutter housing. With a more powerful 14 h.p. Kohler engine than the earlier 50 in. version, the Trojan 3 has a daily capacity for 15 acres of rugged grass-cutting at 3.5 m.p.h.

S. H. GOSS & CO.
WEED CONTROL
SPECIALISTS

Selective or Total Weed Control
Grass Growth Retarding
Brushwood Control
Aquatic Weeds
also
Worm and Mole Control
Fertilisers Applied

3 Mascalls Cottages,
Mascalls Lane,
Brentwood, Essex.
Telephone: Brentwood 216107
STEWARTS GRASS COMB
FOR THE MAN WHO TAKES PRIDE
IN HIS TURF

From the People
who care about Service

STEWARTS
OF EDINBURGH
FINE TURF SPECIALISTS
EDINBURGH EH2 2AY 031-556 2102

SAND INJECTION
BY OUR SPECIALISED MACHINES
CAN TRANSFORM
WET GREENS
AND FAIRWAYS

DEEP AERATION OF GREENS
BY SUB-AIR MACHINE
AT ANY TIME OF YEAR
NO SURFACE DAMAGE

We are unaware of any other machine which penetrates to seven inches yet keeps the greens undamaged and in play

Very moderate charges include all transport and an experienced operator

Cambridge Soil Services Limited
Girton Road, Cambridge
Tel. 76002
Specialists in Science Based Drainage

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
01-748 5415

The British Golf Greenkeeper
News

from the Sections

Special Occasions

Sept. 5 Southern Section Autumn Tournament
12 Welsh Section Autumn Tournament
13 Midland Section Autumn Tournament
18 North East Section Autumn Tournament
19 Northern Section Invitation Tournament
30 Southern Section Trip to Bingley

Oct. 3 Midland Section Visit to Bingley
10 Southern Section Secretaries Match
11 Northern Section Annual Match v Sheffield
15 North West Section Lecture
23 North West Section Autumn Tournament
25 Northern Section Autumn Tournament

Northern
The President’s prize was played for at the Pike Hills Golf Club, York, on Wednesday, June 27th 1973; many thanks to our President W. (Bill) Mountain for entertaining us and providing us with a plentiful supply of foodstuff and not forgetting the many prizes, on behalf of all who took part, many thanks to you Bill.

Winners were:

1st Division
1st E. Paley Nett 70 winner on last 9
2nd D. Spurden Nett 70
3rd D. Roberts Nett 71

2nd Division
1st G. Brayshaw Nett 66
2nd H. Marshall Nett 70
3rd A. Burge Nett 74

Visitors and V.P.
F. W. Readman Nett 68
P. Tait Nett 70

Forthcoming Events
Invitation Tournament, September 19th at Wakefield Golf Club, Woodthorpe Lane, Sandal Wakefield.
Annual Match v Sheffield, at the Headingley Golf Club, Adel, Leeds, on Thursday, October 11th.
Autumn Tournament will be held at the North Cliff Golf Club, Scarborough on October 25th 1973.

Cut grass and capital outlay.

RANSOMES LEASING

September 1973
No. 1 of an Annual Conference to be held all over Britain.

Ipswich
Thursday
4th October, 1973

All concerned in providing and maintaining fine turf will want to attend.

Conference Theme: Irrigation and Drainage

Leading specialists will describe new techniques, machines and materials covering all aspects vital to successful greenkeeping. Plus an open forum discussion.

Early application is essential

Attendance is limited to 250. Send a cheque for £3.00 today, with your address, club and position to: C. H. Dix, Esq., Hon. Secretary & Treasurer, British Golf Greenkeepers’ Association, Addington Court Golf Club, Addington, Croydon, CRO 9AA.
Would members please note that as the light will be drawing in very fast at that time of year, an early start is advisable. Starting time will be from 10 a.m.

North West

Autumn Tournament

The Captain and Council of Bramhall Park Golf Club have very kindly granted us the courtesy of their course for the playing of an Autumn Tournament on Tuesday, October 23rd 1973. As usual, this will be played over 27 holes, 18 in the morning, nine in the afternoon. A competition for members’ guests will be played over 18 holes. Guests must play with other guests, and members with other members. This rule will be strictly adhered to. All members who intend to play or requiring meals, please inform me as soon as possible, so that I can complete catering arrangements, further details will be given in the next issue of the journal.

Lectures

The first of this winter’s series of talks will be given by our very good friend Mr. T. L. Hewitt of the Atco Service Branch, Longton, near Preston, on Monday, 15th October at 7.30 p.m. Venue, Swinton Park Golf Club, East Lancs Road, Swinton, Manchester. Please let us have, as usual, a very good attendance.

Annual Draw

Please return all monies and counterfoils to me by the date requested on the tickets, Monday, 13th August.

President

Due to a printer’s error and omitted from the last issue of the journal, Mr. W. Kinsey was once again unanimously voted as President of the Section at the A.G.M. at Leigh Golf Club.

Subscriptions

Will all members please note the new rates of subscriptions which are due now. Congratulations to our good friend and colleague, A. Fyles who, this year, completes 52 years with the Ormskirk Golf Club and who plans to retire in November. ‘Well done, Albert’, and I am sure all our members will wish you well in your retirement and will always be pleased to see you at our tournaments which you have graced for a very long time in the past. Good luck, Albert, see you at Bramhall Park, I hope.

Welsh

A.G.M.

Our Annual General Meeting was held on July 10th at Royal Porthcawl Golf Club. It is run in conjunction with the Secretaries Meeting as in the past years. We were entertained to dinner with the Glamorgan County Union, we thanked them for a very pleasant meeting.

Before the meeting we played an 18 hole competition and the results were as follows:

Simplify your book -keeping.

RANSOMES LEASING NEW
Big help when you need it most—
Supaturf for Autumn/Winter

Supaturf for Autumn/Winter goes a long way to provide that extra care sportsgrounds need this time of year. There are two blends to protect the entire sports area against winter conditions.

Supaturf AW/B, for fine turfs, is high in organic materials to encourage healthy root action and low in Nitrogen to discourage top growth which can lead to fungal disease.

Supaturf AW/P, high in Phosphates and Potash, is recommended for outfield areas, such as golf fairways, football and rugby grounds.

**Supaturf FERTILISERS**

Order for Autumn/Winter now
Prices and details on request from:
SUPATURF PRODUCTS LTD.
Fenbridge Rd., Werrington, Peterborough PE4 6BR
Telephone: Peterborough 72470
Sportsground, Park & Horticultural Supplies

SEE US ON STAND H6 AT THE GROUNDMENS' EXHIBITION
MOTSPUR PARK, SEPTEMBER 18-20 1973

3rd A. Price. 77 nett. Holdall.

19-24 Handicap

Gross Score was won by Jack Rees. 77 nett. Bottle of Whisky. Presented by Chipman Chemicals.

New Officers – 1973/74
The following are the New Officers for the Welsh Section:
President: Mr. R. W. Bird
Chairman: Mr. J. Martin
Vice-Chairman: Mr. A. Price
Secretary: Mr. T. M. Jones
Treasurer: Mr. M. Geedes is still going strong and we hope he will keep up his work as Treasurer for many more years.

Thanks to Colin Murphy for taking the Chair at our meeting in the absence of our President and also P. Wyatt and Bill Payne for helping with the Competition Cards.

A special thank you to Mr. Jack Rees who has given up his post as Secretary, he has done the job well, thank you, Jack, and also Mr. Henry Fry who has retired as Chairman.

Visit to Ashburnham Golf Club
Would you please take notice of these notes. The bus for the competition at Ashburnham Golf Club on September 12th will be leaving:

- Whitchurch Golf Club: 8.00 a.m.
- and picking up at:
  - Llantrisant Golf Club: 8.20 a.m.
  - Uwenny: 8.35 a.m.
  - Pyle: 8.45 a.m.
  - Neath Castle Hotel: 9.00 a.m.
  - Llangyfelach: 9.15 a.m.
  - Penllergaer Roundabout: 9.30 a.m.

East Midland

Spring Golf Tournament
The Annual Spring Golf Tournament was held at Radcliffe-on-Trent on Wednesday, May 9th 1973. There was a good attendance and the weather was very good. The course was in good condition. Our thanks to the Captain and Committee for allowing the courtesy of the course, also to the inside and outside staff. Our thanks also to Mrs. Mott and Mrs. Darby for all their help in the starting, etc. Our thanks also to Ransomes, Sims & Jefferies, Leicester Horticultural Engineering Ltd., Leicester and Rutland Golf Alliance, John Player & Sons Ltd., G. Ruddle & Co. Ltd., and W. Blackburn, Machin & Hartwell Ltd., Mr. Freeman, Rigby Taylor Ltd., Bentley & Co., Henton & Chattel, H. Pattison Ltd. Our thanks also to Mr. D. Whitehead for obtaining the prizes.

Release your capital for other uses.

RANSOMES LEASING

September 1973
It takes a pro to go round 18 greens in under 4 hours

It takes a lot of work to keep 18 greens well maintained. Or rather it used to. With the Jacobsen Greens King mower you can mow 18 greens in under 4 hours. No fuss, no bother, and no grass to pick up afterwards. Specifically designed for putting greens, this mower can cut a complete green to a velvet finish without having to stop or turn round. And with golf courses in constant use, that's a great advantage.

But that's not all. All the cutting reels can be raised and lowered, engaged and disengaged by a single foot pedal. It can be adapted to mow vertically. Or brush or spike the green for aeration. That's why we call it the Greens King.

What's your handicap?

The Greens King.

Turf problems?
Get to the bottom of it

The Mete-R-Matic from Jacobsen gets to the root of turf care problems – it's the only spreader which actually drives the top dressing down to the base of the turf – where it really belongs.

It spreads a full 3' wide – and at up to 225 feet per minute. And it spreads evenly, whether dry or moist. You control the depth by a fingertip adjuster. So now you don't have to rake or drag after dressing. Using the Mete-R-Matic ensures effective spreading every time.

The answer to a great many turf problems.

The Sod Master Mete-R-Matic.

Write today (use the edge of this page as a coupon) to Britain's most experienced turf care specialists for leaflets, distributors, or a demonstration any time, anywhere.

ROLFE'S MINI-TRACTORS LTD
Winchester Hill, Romsey (76), Hants Telephone: Romsey 513185
The prize winners were as follows:

**Greenkeepers**

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**Best Inwards**

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**Vice-Presidents**

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**Visitors**

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It was a great day for this Section, when at the above Tournament we had our own flag flown, this was hand made for us by Mrs. Sutherland of Kibworth.

**Retirement**

A cheque was presented to Mr. T. S. McNiece at the above Tournament from greenkeepers, President and Vice-Presidents, to mark his retirement. We wish him good health and a long retirement and hope to see him at our future tournaments.

**Southern Handicaps**

Revised list of July 14th 1973:

| P. Ainsworth | 5 |
| H. Ashton    | 14 |
| D. Anderson  | 10 |
| J. Bishop    | 12 |
| E. Brown     | 15 |
| G. Brown     | 3  |
| S. Battams   | 20 |
| S. Brown     | 8  |
| M. J. Bowen  | 12 |
| A. P. Chappel| 14 |
| F. W. Corner | 7  |
| R. M. Cooke  | 6  |
| A. E. Creese | 9  |
| D. Cutler    | 24 |
| W. Cananagh  | 2  |
| L. Coyle     | 11 |
| R. E. Claydon| 10 |
| M. Claydon   | 16 |
| A. Collins   | 14 |
| J. E. Cryer  | 22 |
| A. Covey     | 25 |
| F. Dulake    | 11 |
| H. F. Emery  | 6  |
| K. Eastwood  | 2  |
| E. Foulkes   | 10 |
| F. W. Ford   | 13 |
| S. Ford      | 24 |

| S. Kemp      | 13 |
| A. Lomax     | 16 |
| R. Lance     | 5  |
| R. A. Laver  | 18 |
| J. Liddington| 20 |
| D. H. Major  | 5  |
| C. Maidment  | 12 |
| C. A. Moore  | 14 |
| P. G. Moore  | 24 |
| W. F. Machin | 10 |
| D. Mason     | 24 |
| A. R. Millar | 18 |
| S. Morton    | 20 |
| A. Morton    | 13 |
| D. Manning   | 21 |
| C. Mitchell  | 22 |
| A. Martin    | 20 |
| J. McWilliam | 15 |
| J. Monk      | 21 |
| H. Maskell   | 16 |
| J. Noakes    | 8  |
| J. Nett      | 12 |
| J. Newman    | 7  |
| D. G. Neville| 9  |
| C. P. Osgood | 4  |
| G. Piggott   | 11 |
| P. Piggott   | 17 |

**New Members**

A warm welcome to the new member whose name is listed below:

H. O. Paternoster of the Ipswich Golf Club.

**Draw Books**

May I say thank you to everyone who has done their little bit towards raising the funds of the Association by selling the St. Leger raffle tickets I sent them.

There are still a lot to come in!

---

**RANSOMES LEASING**

Please send full details of Ransomes Leasing Plan

Name

Address

Ransomes Leasing Co Ltd.,
Nacton Road,
Ipswich, IP3 9QG

---

September 1973
Situations
Vacant

Assistant Head
Greenkeeper required

Must have five years' experience in
golf course maintenance, preferably
with qualification in turf culture.
Accommodation available.

Give details in confidence of ex-
perience, salary required and when
available to:
Secretary,
Moor Park Golf Club,
Rickmansworth,
Herts WD3 1QN
Tel: Rickmansworth 73146

North Worcestershire
Golf Club Ltd.

Applications are invited for a Head
Greenkeeper for the above 18 hole
golf course.
Salary negotiable. Help given in
securing accommodation.

Apply in writing only, giving de-
tails of qualifications and experience
to:
The Hon. Secretary,
North Worcestershire Golf Club Ltd.,
Hanging Lane,
Northfield,
Birmingham B31 5LP

ETON
RURAL DISTRICT COUNCIL

HEAD
GREENKEEPER

Applications are invited for the post
of Head Greenkeeper for a nine hole
Municipal Golf Course at Stoke
Poges, Bucks. The person appointed
will be responsible to the Engineer
and Surveyor for its maintenance.
Salary within range £1,554 to £1,677.
Five-day week, off-course rent and
rate-free housing accommodation,
removal expenses paid.
Further information obtainable from
the Engineer and Surveyor, Eton
Rural District Council, Council
Offices, Windsor Road, Slough,
Bucks SL1 2HN (telephone Slough
33333), to whom applications are
to be submitted.

Experiment Ground
Superintendent

A responsible and interesting post is
vacant at the St Ives Research
Station, Bingley.

The post involves supervision of
over 10 acres of experimental plots
of turf and co-operation with tech-
nical staff in laying down new trials
and recording existing ones. Salary
to be negotiated. Pension scheme in
operation.

Please apply to
The Secretary,
The Sports Research Institute,
Bingley,
Yorkshire BD16 1AU
Lindrick Golf Club Head Greenkeeper

Our present Head Greenkeeper will retire on 31st December, 1973 after more than 40 years' service.
The Club is accustomed to a very high standard of greenkeeping.
The position will be filled by an applicant with considerable practical experience of modern methods and ability to handle a staff of five – preferably at present a Head Greenkeeper.
Salary by negotiation plus staff gratuity scheme.
Pleasant three-bedroom house on the course free of overheads.

Applications with very fullest details in writing will be treated in the strictest confidence and should be sent to:

Chairman of the Green Committee
Lindrick Golf Club
Lindrick
Worksop, Notts

Borough of Tamworth
TAMWORTH MUNICIPAL GOLF COURSE
HEAD GREENKEEPER

Applications are invited for the post of Head Greenkeeper for an 18-hole Golf Course now under construction. It is anticipated that maintenance of the Golf Course will commence in September of this year and that it will be opened for play in 1975.
Present basic wage is 24.65 but there will be a bonus scheme which should provide an additional 33⅓ per cent.
A new house is to be constructed on the Golf Course and will be offered rent and rate free.

Further details and application forms may be obtained from:
The Parks Superintendent
Park House
Wigginton Park, Tamworth
Telephone: Tamworth 2142

and completed forms should be returned to him by 31st August, 1973.

SWINDON BOROUGH COUNCIL
ARTS AND RECREATION GROUP
HEAD GREENKEEPER
(£1,803-£2,100)
For 18 hole Municipal Golf Course under construction. Modern equipment will be available, together with an automatic pop-up sprinkler system.
Swindon is an expanding progressive town with good facilities for education, housing, shopping and entertainment; and situated near to the Wiltshire Downs, Cotswolds and the M4.
Assistance with mortgage facilities can be offered and lodging allowance may be available and removal expenses may be payable; good pension and sickness schemes are in operation.
A job specification, including further details and application forms, are obtainable from the Establishment Officer, Civic Offices, Euclid Street, Swindon SN1 2JH, to whom completed applications should be submitted by 17th September 1973 (Tel: Swindon 0793 26161, Ext. 457).

HUXLEYS HIRE
FOR THE PROFESSIONAL USER
Sometimes the purchase of equipment is not economic. We offer for hire specialised machinery for that seasonal job. Send for brochure and price list.

Huxleys
GARDEN MACHINERY
Tel. Alresford 3222
22/26 CHURCH STREET, STAINES, MIDDX
Tel. Staines 51123 (3 lines)
Also at The Dean, New Alresford, Hants
Andrews- Power and Performance for Professionals

BLUEBIRD- THE MOST POWERFUL SCARIFIER ON TURF!

Driven by a robust and tested proven 5hp engine, this scarifier will flail out grass cuttings, bed fibre and all forms of debris to leave you with a perfect sward. Wherever professional standards count, just remember the name BLUEBIRD... we defy you to find better value for only £192.50.

INSTANT PORTABLE POWER

A range of 7 generators to give you immediate power anywhere, anytime. Portable generators give you a fully mechanised labour force... those awkward, out-of-the-way jobs, that would normally take days, can now be finished in hours. And that spells better manpower planning and smaller, more economical labour forces. Yes, portable generators save on time, labour and needless expense... what's more, they start from as little as £82.50!

CYCLONE' SPREADING PERFORMANCE

These heavy-duty spreaders are built to full professional specifications. Their 10ft spreading swath covers an unbeat- able 2 acres an hour. Push by hand or pull by tractor - CYCLONE' will give you an even spread every time. Unrivalled performance for only £65.45. Smaller hand-propelled model available.

SEND FOR DETAILS TODAY

Andrews Lawn Edgers Ltd.,
The Garden Machine Centre,
Sunningdale, Berks SL5 8JX
Telephone: Ascot 21960
Send me details on:
Generators
Cyclone spreaders
Bluebird scarifiers
Name
Occupation
Address
- BGG6

RELF & KENDALL
OF CROYDON AND BARNET

With pleasure announce that they hold the greatest concentration of lawn mower spares and lawn mower engine spares in the country

ENORMOUS STOCKS OF RANSOMES SPARE PARTS

Also ASPERA, B.S.A., BRIGGS & STRATTON, DENNIS, J.A.P., ROTAX, VICTA, VILLIERS.

Service Exchange items such as CUTTING CYLINDERS - MAGNETOS

OUR FLEET OF VANS IS OCCUPIED DAILY IN MAINTAINING OUR EXPRESS SPARE DELIVERY SERVICE

Telephone your immediate requirements to

See us on Stand 1, Avenue F
Mottspur Park Exhibition
September 18, 19 and 20, 1973

We stock a comprehensive range of domestic and professional machinery. Ask for a demonstration on YOUR ground
FYLKING TURF GRASS

mightiest blade growing

FYLKING SMOOTH STALK MEADOW GRASS

'FROM QUALITY CONSCIOUS SEED DISTRIBUTORS'

The Champion, a hardy Viking blade, originating in Svalof, Sweden, Fylking Smooth Stalked Meadow Grass excels on every count.

✓ DISEASE RESISTANCE ✓ LOW CUTTING HEIGHT TOLERANCE
✓ WEAR TOLERANCE ✓ RAPID ESTABLISHMENT
✓ CERTIFIED SEED QUALITY ✓ BRITISH TESTED
New from Ransomes

The Turf Improvers

Ransomes knowledge of turf maintenance goes much deeper than making the finest mowers. A completely new range of turf maintenance equipment, each with a specialist function, will tackle all the problems that beset the groundsman in a straightforward, time-saving way.

VC-5 Verti-Cut Golf course greens are only as good as their turf, and the VC-5 Verti-cut, by removing and controlling 'grain' and 'thatch' ensures a true putting surface.

TM-140 Aerifier 140 spoons or blades in a 6 foot swath aerify or slice without tearing the turf. You know the benefits. The TM-140 is the best way to get them.

PD-2 Power Drag Mild scarification, 'cleaning up' and Greens matting are made easy with this fast operator. The exclusive swirling action swirls top dressing below grass blades, to soil surface in one third of the time of conventional methods.

Find out more about the complete range of Ransomes-Hahn Turf Improvers from your local distributor.