

The British Golf Greenkeeper



July 1974

15p

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The British Golf Greenkeeper

HON. EDITOR: F. W. HAWTREE

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JULY 1974

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Front Cover Picture

Recent Scottish guests of Atco at their factory included Mr. John K. Campbell, Links Supervisor of St. Andrews, pictured third from the left. The visit coincided with the Institute of Groundsman's Conference at Nottingham University at which Mr. Campbell was invited to present a paper. Also shown are left to right Mr. David Mitchell—Parks Superintendent Glenrothes Development Corporation, Mr. Jim Ferguson, Mr. Campbell, Mr. H. J. Jebett—Sales Manager, Atco Professional and Heavy Duty Mowers, Mr. Willie Anderson, and Mr. Andrew Murray—Fife County Parks Superintendent.

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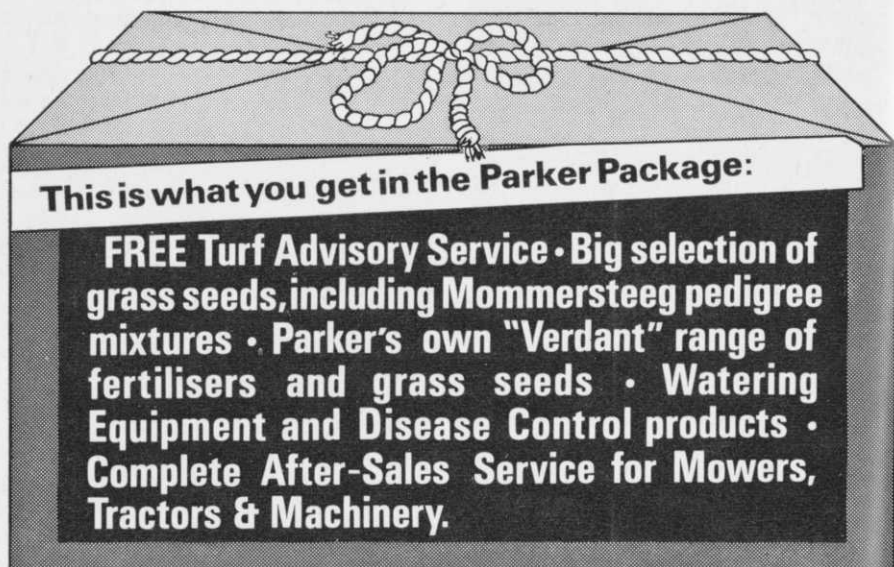
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TEE SHOTS

TRAINING

There are hopeful signs of better training for young and older Greenkeepers before long.

The Department of Employment and the Lancashire College of Agriculture are setting up a course in "Groundsmanship and Greenkeeping" at the Department of Amenity Horticulture, Myerscough Hall, near Preston.

There will be a full-time course of 36 weeks devised for training adult entrants or retraining Greenkeepers wishing to improve their skills.

Course members will be entered for the City and Guilds of London Institute Stage II examination and a College certificate will also be awarded to those who complete the course successfully.

The English Golf Union has also come up with a handsome promise of funds for setting up a correspondence course once details can be satisfactorily settled. This will run concurrently with a three year apprenticeship, but could be taken by others.

It is hoped that it will lead to similar qualifications at the appropriate level.

The Lancashire course will be free and trainees will receive tax free payments during training. The postal course is likely to be one for which students can get grants from their Local Authority.

In Scotland, training is also now directed towards a City & Guilds examination.

Extract from "Evening Echo,
Bournemouth, Tuesday, April 30th
1974

CRACKS IN GOLF COURSE

A nine-hole golf course, Ashley Wood, near Blandford is cracking up because of the weather.

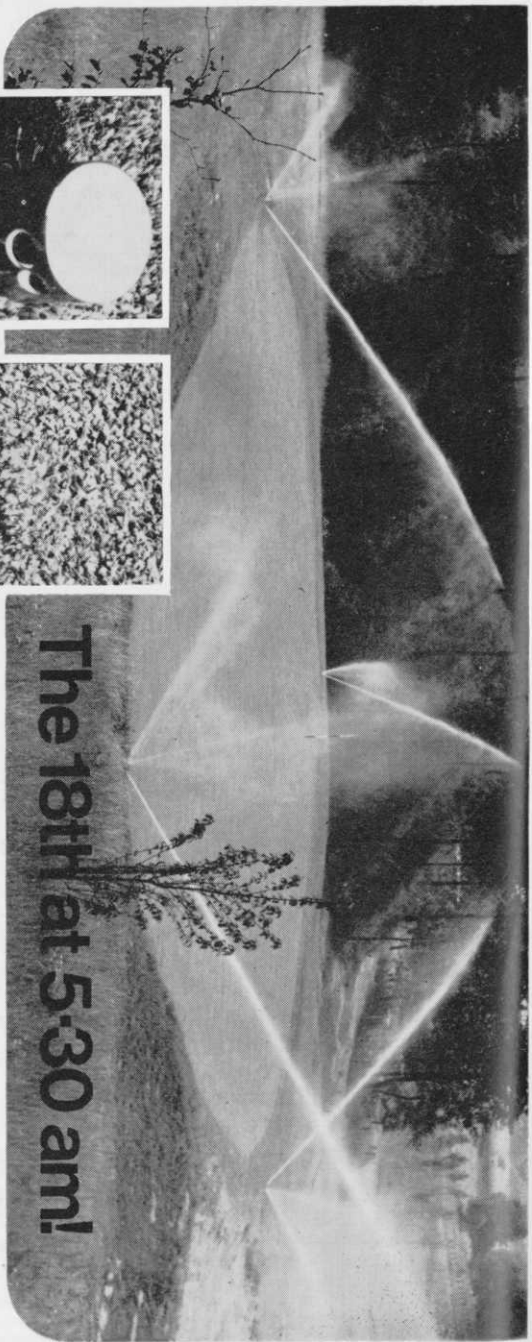
The cracks first became apparent nearly two weeks ago. Some of them are about one-eighth of an inch wide and they run round in small circles, said Col. Shove, Club Secretary.

He said the damage was not permanent "All we need is a change in the wind, some rain and a warm spell, he said.

Greens at Ashley Wood are not artificially watered because water has to be pumped to the clubhouse from a deep well. In any case we would not have dared used water on the greens with the cold north-east wind and frosts", said Col. Shove. "That would only have caused more damage".

With acknowledgement to
"EVENING ECHO" Bournemouth.
Tuesday April 30th 1974.

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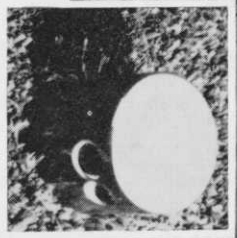


The 18th at 5.30 am!

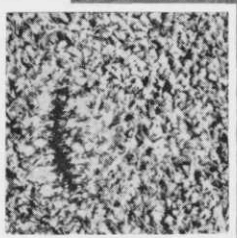
(It could be St. Andrews, Troon, Sunningdale or your club...)

Toro 'pop-up' sprinklers water greens, tees and fairways through the night, automatically. Day time stoppages are eliminated, courses play consistently and of equal importance, greenkeepers can

concentrate on other more demanding work around the course. Consider these benefits then ask Wright Rain to design a Toro 'pop-up' scheme for your club! Write for details and the name of your nearest appointed installer now...



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TURFACE—WHAT IT DOES

Soil Amendment for Golf Courses

J. R. David Palmer, Supaturf Products Ltd.

Surface is a calcined mineral aggregate designed to provide a constantly friable soil—year after year.

Friable soil produces many benefits:

1. Resilient turf.
2. Faster and more complete water infiltration.
3. Free air movement.
4. Lower maintenance cost.
5. Greater control over disease.
6. Deeper, healthier root growth.

A well conditioned turf is better able to resist wide variations in weather conditions.

Prior to Surface, soil additives often overcame only a few of the conditions which cause poor turf, and they sometimes compounded these problems because of their physical properties. There was no single product that could economically promote better turf growth in all kinds of weather without difficulties.

There are five major turf problems which usually plague turf managers:

1. Poor drainage.
2. Inadequate ventilation.
3. Shallow root growth.
4. High maintenance cost.
5. Disease.

During the many years of field testing and commercial use throughout the country, Surface has proven itself in minimizing, if not completely eliminating, all of these conditions.

1. Poor Drainage

This problem usually results from the compaction of the top three or

four inches of soil. Compaction is either immediately noticeable or develops gradually. Immediate compaction usually results from the use of unsuitable soil mixtures. Gradual compaction indicates organic decomposition from traffic and weathering. Using organic materials as top dressing to overcome this difficulty will at best serve only as a temporary cure. In a short period of time, due to decomposition of the organic matter, the compaction problem returns to a greater degree. Various grades of sand are often used as top dressing to provide friable soil.

Although these inorganic materials will not decompose, their use results in poor resiliency, high leaching rates, and low water holding capacity of the treated soil. Where bad design or preparation causes drainage difficulties, a poorly designed area will drain better if the soil is not compacted. Friable soils on sloping areas will allow water to penetrate the soil rather than run off and collect in low areas.

Surface is recommended for use as a top dressing on established turf, or as part of the soil mixture during construction, to aid in maintaining constantly loose soil. Surface, whether wet or dry, will not compact, cake or break down to smaller particles. This is because Surface particles are angular, not flat, round or square. Being of varying size, a continuous network of particles is formed, which serves as a "separator" in sticky, gummy soils. In many years of testing.

Keep turf at its best -all season



with a single feed from new Gold-N

Gold-N is completely different from conventional turf fertilizers. Following an initial boost of nitrogen, it supplies this vital nutrient slowly and continuously over a period of 3 to 6 months. All from a single application!

Constant Quality

This steady supply maintains turf at its best. Keeps it thick and green. There isn't the intermittent "too lush, too little" effect of more soluble fertilizers. And because Gold-N resists leaching in wet weather, grass vigour is maintained even on free-draining soils, golf courses, public open spaces and reclaimed derelict sites.

It's Consistent

Gold-N minimises scorching, tolerates variations in temperature and moisture. And because it's made to rigid specifications, every bag is as good as the next. It's easy to handle and spread - by hand or machine. And it's hygienic so there's no danger of the diseases associated with organics like hoof and horn. What's more the nitrogen content is virtually all usable.



Superior Performance

Gold-N saves money by eliminating leaching and other wastage. It works economically in situations where perhaps five or six dressings of the usual fertilizer would be required - keeping time and spreading costs to a minimum and increasing playing time. It will help to transform sparse growth areas to lush swards in one or two seasons and after only one application per season.

For full details of Gold-N, contact:
England & Wales - Chipman Chemical Co., Horsham, Sussex EH6 7EN.
Tel: Horsham 60341

Scotland - SAI Horticulture Ltd., Hortus House, 3 John's Place, Edinburgh. Tel: 031 554 5451/6

N. Ireland - Richardsons (Ulster) Ltd., 1 Short Strand, Belfast BT5 4BS.
Tel: Belfast 57424/5/6

Eire - ICI (Ireland) Ltd., 5/9 South Frederick Street, Dublin 2.
Tel: Dublin 771831

NEW
Gold-N
keeps grass lush
and green



The British Golf Greenkeeper

Turface survived many freeze-thaw periods. Leaching tests run in Wyandotte Research Laboratories verified the breakdown resistance. No ingredients were found which would adversely affect plant life.

2. Inadequate Ventilation

Healthy root structure requires oxygen. Compacted soil will not allow air to reach the roots. Field research has proven that roots will grow toward available oxygen in the same manner as they grow toward moisture. Soils that highly restrict air penetration from above, and movement below, the surface will become stagnant. The green is therefore susceptible to infection and poor root growth. Greens properly built and maintained with Turface breathe more freely because the soil remains loose.

It is important to examine the top one or two inches of turf periodically for compaction. Continual traffic and decomposition of cuttings and other organic matter will form an impervious layer. Since oxygen and moisture must penetrate this layer to reach deeper roots, it is important to reduce the degree of compaction. Periodic top dressing with Turface will allow freer and deeper movement of air in and out of the soil.

3. Shallow Root Growth

This mainly occurs from the inability of water and oxygen to reach and remain at the deep roots. On a hard, compacted green, the water will remain near the surface. Water penetration in compacted soil may be as low as 0.1 inches per hour. During a rainy season, or when manually watered, the shallow roots take all of the water capable of penetrating such a surface, and deep roots will not develop or survive, since there is no moisture available to them. Because of rapid evaporation near the surface, the shallow roots need frequent watering. Soil conditioned with Turface

allows water to penetrate quickly to greater depths. Turface absorbs its own weight in water. This means that moisture will remain deep in the soil long after the soil near the surface has dried out. A friable soil with a material that will not decompose, will permit freer air movement and retain moisture.

4. High Maintenance Cost

Labour, fertilizers, equipment, and the use of chemicals are the principal cost factors in maintaining turf. Of these, labour is the most expensive. The presence of even small amounts of Turface in soil effects definite savings in labour.

A Turfaced soil will take approximately twice the water in half the time that a standard golf course mixture will. Watering time is thus cut by more than half. Repair of damaged turf is easier with the loose Turfaced soil, and recovery is definitely quicker. Labour is saved because of less ball damage on greens, less scuff damage caused by spikes, and quicker turf recovery of heavily played areas such as tees.

Because Turfaced soil resists infection, the cost of applying preventive chemicals is normally reduced.

5. Disease

Many soils incorporate large amounts of sand, which is used because it assists in drainage. Sand does not, however, hold or absorb water, which is so beneficial for healthy root structure. Turf having healthy root structure fights disease, whereas weak root structure is more susceptible to disease. Disease is more common under high moisture, drought, or stagnant conditions.

Turface provides faster drainage than sand, and also holds enough moisture to minimize drought. Stagnant conditions prevail when excessive



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- Greensaire—Golf green precision aerator. 2 models
- Tracaire—Large area trailed turf aerator. 2 models
- Spreadrite—Precision top dresser and fertiliser spreader

Contact: Horwool (Holdings) Ltd. Tel: Maldon 4051
Fullbridge Mill Fullbridge Maldon Essex

HORWOOL

moisture is trapped in the soil. Since Turface works to control moisture, it will assist in the prevention of disease due to stagnation.

In summarizing, Turface produces a better turf structure because it works toward satisfying all the conditions that must be met for good root growth. It does this by delivering moisture to deep roots, allowing the soil to breathe and providing excellent drainage.

On golf courses, Turface is widely used as a top dressing material following aeration of the greens. Maximum effectiveness is obtained by top dressing with straight Turface, although Turface may also be incorporated into any top dressing mixture.

Turface is a montmorillonite clay. It is mined from a specially selected earth deposit in Mississippi. Obtaining special cuts of material from the mine is only the first step of many important operations. The crude clay is crushed and ground only after analysis verifies top quality material. Materials of uniform particle size are then fed to a calciner. A calciner is an inclined, revolving cylindrical chamber, flame fired to temperatures above 1300 F. The humidity in the calciner is exactly controlled. The crude clay enters at the top and leaves at the lower end. It has been subjected to constant high temperatures over a definite period of time. Through the use of specially designed ribs in the calciner it is possible to get a uniform degree of calcination. Careful control of particle size, temperature, time and tumbling action is absolutely necessary to produce a product that will absorb moisture, allow free air movement, and not disintegrate while in the soil. High temperature calcining over a short period of time is not enough to ensure complete calcination. Also, if the particle size varies, it is possible to over-calcine small particles and under-calcine large particles. Following the calcining procedure,

Turface is reground and screened to ensure the exact particle size and distribution. Finally, the product is packaged in attractive 50 lb. bags.

HOW TO USE TURFACE FOR TURF CONSTRUCTION

When new greens or tees are constructed, Turface is an excellent choice as a component of the topsoil mix, usually replacing part of the sand. Where practical, it is desirable to condition the top six inches of soil with approximately 20% to 25% Turface (by volume), depending upon the physical structure of the soil.

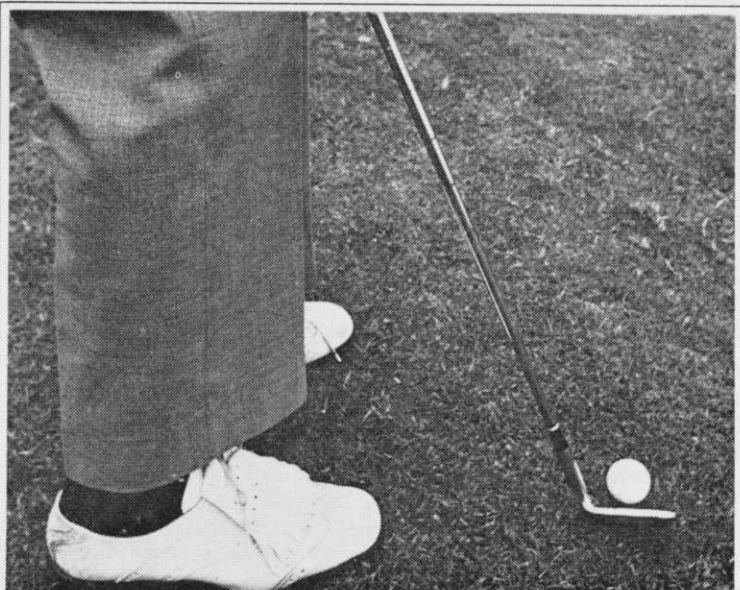
It is important to distribute the Turface evenly throughout the top several inches of soil; this is true whether Turfing or sowing. There are many ways of accomplishing even distribution. The following are suggested methods which have proven satisfactory:

A. Direct Application

Rototill or cultivate one bag of Turface per 10 square feet into the top 6 inches of soil (Soil is usually a mixture of sand, top soil and peat). At this rate, the top 6 inches of green surface will be conditioned with approximately 22% Turface. After levelling, turf or sow.

B. Pre-Mixed Soils

With the use of a mechanical soil mixer, mix 5 bags of Turface with each cubic yard of soil. One cubic yard of the mix will cover 54 square feet of the green surface to a 6 inch depth, or 27 square feet to a 12 inch depth. The soil will be conditioned with approximately 21% Turface.



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.

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It also stays where it's put, releasing its goodness slowly into the soil to strengthen grass growth.

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Telephone: 031-554 5451

HOW TO USE TURFACE FOR TURF MAINTENANCE

Since compaction is always a problem on greens, a good maintenance programme is important. Top dressing with Turface will help to ensure a friable soil, good drainage, and optimum root development of the turf.

A. Straight Top Dressing

Aerify, remove plugs, and apply Turface through a spreader, using one bag for each 250 square feet of surface area.

With reverse side of rake, push-broom, or drag screen, work Turface into turf and aerification holes.

Verticut machine may be used before Turface application, to provide additional avenues of entry into the soil. Turfacing is recommended twice or more a year (once a year for Turface-built greens).

B. Surface Levelling by Top Dressing

Greens develop low areas which need to be relevelled. A soil mixture similar to that in the green plus Turface can be used to facilitate excellent drainage.

Premix 1/3 Turface with 2/3 soil. Soil may be mixture of sand and peat or sandy loam. Verticut area to remove thatch, and apply Turface mix to area in regular levelling manner.

FORMULAS

The following formula is used to determine the number of Turface bags necessary for construction when depth of mix in inches, per cent Turface, and square feet are known:

Bags = $.0007 \times \text{Depth} \times \text{Per Cent} \times \text{Square Footage}$.

Example

5000 sq. ft. green

15% Turface desired to a 4" depth.

Bags = $.0007 \times 4 \times 15 \times 5000$

Bags = 210

If, however, a greenkeeper wishes to put so many bags into a green to a certain depth, the following formula is used to determine the percentage Turface in the mixture:

Percentage Turface in Mixture = $1550 \times \text{Bags} \div \text{Depth} \times \text{Square Footage}$.

Example

150 Turface Bags

6000 sq. ft. green

4" depth to be conditioned

Percent Turface in Mixture

= $1550 \times 150 \div 4 \times 6000$

= $232,500 \div 24,000$

= 9.7 or 10%

This means that if 150 bags of Turface are worked into a 6000 sq. ft. green, the top 4 inches of soil will be conditioned with 10% Turface, by volume.

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Gullane Golf Club,
Gullane,
East Lothian.

Situations Vacant

HEAD GREENKEEPER

The Woburn Golf Club has a vacancy for a Head Greenkeeper. The club is in the course of construction and it is intended that the Head Greenkeeper should join the staff as soon as possible.

Applicants should have held an appointment as a Head Greenkeeper with a reputable golf club.

Salary and conditions will be subject to negotiation. Accommodation provided.

Applicants should send full details of career, together with copies of any references, to:

The Managing Director
Woburn Golf Club,
Crowholt, Woburn, Beds.
MK17 9PX.

HEAD GREENKEEPER/ASSISTANT HEAD GREENKEEPER

A leading Bucks club needs a Head Greenkeeper and an Assistant Head Greenkeeper to lead a team of four. We pay generously and provide a modern house and the latest Greens equipment. Removal expenses will be paid and time off for golf will be given by arrangement. We want a couple of men who will fit in with us and the best way to find out is to write giving your name, telephone number, present earnings and details of your experience. We'll call and talk about the jobs. Box No. 122.

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First Assistant Greenkeeper required.

Salary from £2000.

Accommodation available.

Experience of modern machinery essential.

Apply:

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Dyram Park Country Club,
Galley Lane,
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HEAD GREENKEEPER

Arts and Recreation Group.

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Thamesdown is a large and progressive Authority situated on the outskirts of the Thames Valley and the Wiltshire Downs and within easy reach of the Cotswolds, the South and West Country.

The present population is 145,500 but this is expected to increase through planned, but vigorous development, to 200,000 within the next ten years.

The successful applicant will be responsible for 18 hole Municipal Golf Course at present under construction. Modern equipment will be available, together with an automatic pop-up sprinkler system.

This advertisement is authorised by the Local Government Staff Commission on an unrestricted basis.

Housing accommodation is available for the successful candidate. Up to 100% removal expenses are paid.

Full details and application forms are available from: The Personnel Officer, Civic Offices, Euclid Street, Swindon, SN1 2JH. (Telephone 0793 26161 ext. 274) to whom completed applications should be submitted by 15th July 1974.

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require Head Greenkeeper (permanent position) 27 hole Golf Course modern pop up system—Toro Greenmaster equipment etc.

Salary in region of £3,000 per annum. Negotiable subject to age and experience.

New accommodation rent & rate free.

Full central heating.

Apply in writing, or telephone Secretary, Bushey Heath, Herts. 950 1133.

THE LOOK OF A HOLE

Patrick Smart

There are several ways of surveying a hole from the teeing ground, depending on the skill of the player.

It should be a matter of thinking, and there can be bad thinking even among the shorter handicaps.

One thing is certain. The designer has not set out to make it simple for the golfer. It occurs to me, having written that, some of the most difficult holes I have known were simple. Flat, featureless, dull. There is no incentive to try, and that induces sloppy stroke making.

Standing to his ball, the long handicap will look down the fairway, ignoring the geography of the hole, and hope he can knock one down the middle. It is a waste of time to decide on which side of the fairway he should place the ball. He knows that to be beyond his compass.

Perhaps he misses something here. There is fun in examining the problem before us, and in a sense reading the architect's mind. We shall come to that later, and the aesthetic pleasure of gazing upon a really good lay out. That can only be done in a carefree round.

It is a principle that there should be two routes to the hole. The one enforcing accuracy, combined with an element of risk. The other, for the higher handicaps, leaving them—providing the drive is in play—with two comparatively easy strokes to the green. No large carry to overcome. I

say two more strokes, because if they try to get up with the second (and try they will), it may lead to an 8. or more, when a 6 was possible.

It is one of golfs facts that the handicap player will not accept that he has spare strokes from his allowance. By all means let the youngster have a go. It is fatal to instil into him a defensive attitude. He will learn the hard way. Which is the only way. The elderly, good golfers when younger, have the experience to fiddle their way round.

We come to the better average club members, giving a fairly wide margin, say 11 down to 6. Here, I believe, the handicaps could be reduced by several strokes if they would take a good intelligent look at the hole they are about to play.

On their home course, they consider they know all about each hole. It can be that they have been adopting the wrong strategy on certain holes. Hence the stationary handicap. On a strange course, there should be a pause to study the design, reasoning: "Now, what devilry is the designer trying to entice me into." Just a little care can make a lot of difference.

On many courses the greens are either angled away from the centre of the fairway, or guarded by bunkers that call for placing the drive. Hence the need for correct tactics. The fall of the ground comes into this. It will govern the roll of the ball, and the middle can be ignored. The fader, or the puller can use that slope to his advantage. To clarify that. A right to left slope will help the fader. If the prospect is the other way, then he who puts draw on the ball will benefit. The ball will not run into trouble. The 6 handicap should be capable of putting the ball approximately where he intends.

I once wrote of the drive being the most important stroke, a good start

Continued on Page 19

MOSS ON SPORT TURFS

by R. L. Morris,
Senior Horticulturist,
Levington Reseach Station

Moss invasion is one of the greatest problems with which greenkeepers are faced on turf areas under their control. Moss is often an embarrassment to them as its presence offends their professionalism, rightly so as neglect of essential cultural work is one of the root causes. Since these primitive plants have the ability to survive under a wide range of conditions, it is important to understand the factors that account for their presence in turf so that the correct control measures can be taken.

Retention of moisture at the surface is the key factor and may be due to shade, soil conditions or management,

and often to a combination of all three.

Very little can be done about shade on established turf, but should be taken into account when siting a new area. Soil conditions are usually the greatest contributors to water retention. The soil type has on obvious bearing, for even on light soils settlement and compaction over the years tends to seal the surface, resulting in water retention in the sward.

Fibre build up in the upper profile caused by accumulation of debris gives a spongy layer that is very water retentive. This is perhaps the most frequent cause of moss development in the winter following a dry summer—such conditions have prevailed in the last two seasons. The fibre dries out badly and is difficult to wet up again. As a consequence sufficient water remains at the surface for development, but penetration into the



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Her Majesty the Queen
Manufacturers of
Motor Mowers
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It takes one professional ...

grass root zone is limited, and thus over a period of several years the overall strength of the sward declines. September to December is the period when most active root development takes place, and it is logical that restriction of water supply at this time will cause roots to become weaker, and seeking surface water, more shallow. This leads to a lack of competitive ability on the part of the grasses and unless remedial steps are taken, moss rapidly gets the upper hand.

There are two main groups of moss. The acrocarpous mosses, which are mostly cushion forming and generally have a fairly high light requirement, so that they are not normally found in a dense sward. This group is symptomatic of neglect (where the grass is starved out and thin) and over-close mowing (which places the grass under severe stress and reduces its strength—very noticeable where high spots are scalped) and the

pleurocarpous or feathery mosses, which are far more general and may exist in quite pronounced patches where the grass is not competing satisfactorily, and often uniformly over the whole area in which moss can invade and take over if it is not checked.

From what has been said so far, it is clear that mosses are very adaptable and whilst chemical control is possible, their elimination will depend on the removal of the conditions conducive to their growth.

Good cultural practices involving year-round aeration using tines appropriate to the season are essential adjuncts of chemical control. These will open up the surface, enabling air and water to penetrate satisfactorily and, by improving air/water relationships in the soil, enable root strength to increase and the grass plant as a whole to become stronger—thereby enabling it to compete on better terms.

To be concluded

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in any game or sport is helpful. The second shot to a hole, to a narrower target, requires careful consideration. A cool assessment of the possible (let us leave percentages to the Stock Exchange) may ward off disaster. The question of attempting to carry, or play short of a lateral stream is one. The pin placement may make attack dangerous. Once again, he has his handicap.

The most tricky courses are those where, incorrectly, trouble lies behind the greens. These even for me, are old fashioned. I know one well.

A test of a good, interesting lay out, is that after one visit the holes remain in the mind. A dull course leaves no memories.

And now for the pleasure of looking at a fine hole. The famous have been described before; the public without seeing them have come to know them. Come with me to a links that deserves to be better known. It is Pennard, on the Gower peninsular, west of Swansea. I told the late Bernard Darwin I was going there. He replied: "I have it on the best authority, James Braid, that it is one the finest natural links in the country."

Like Muirfield it lies above the sea, the Bristol channel. There are mountainous, terrifying dunes. One hole stands out, though after twenty five years I can remember them all.

You stand on a high teeing ground. Below, all the way to the green is sand. On either side buttress of great dunes elbow their way in. The green, 200 yards away, is perched high, cut out of the side of a dune. It is green, or purgatory. According to the wind, it can be anything from a No. 4. iron through to a driver. It brings to mind the famous Calamity Corner on Royal Portrush.

It strikes terror into the hearts of some, a tingle of excitement at the challenge in others. A short hole, it has majesty. You cannot ask for more than that.



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Special Occasions

- July 3 Southern v Midland Match—Crew Hill G.C.
- 15 Midland Summer Tournament—Tee Off 10 a.m. A.G.M. 4 p.m.—Habberley G.C.
- Sept. 1 CARL BREThERTON BOWL—Handsworth.
- 6 Southern Section Buffet/Dance West Essex G.C.
- 11 Welsh Section, President's Shield—Pennard G.C.
- 11 Southern Section Autumn Tournament—Burnham Beeches G.C.
- 18 East Midland—Autumn Golf Tournament—Chilwell Manor G.C.
- 18 Midland Section—Autumn Tournament—Handsworth G.C.
- 26 North-East Section—Autumn Tournament 27-Hole Tee off 9 a.m.—Tyneside G.C.
- 30 B.G.G.A. 1974 A.G.M.

- Oct. 1 & 2 ANNUAL TOURNAMENT—Isle of Purbeck G.C. Studland, Swanage, Dorset.
- 9 Southern Section—Secretary's Match—Stoke Poges G.C.

South Coast Section

Chairman:
E. R. JAMES

Secretary:
N. M. STIMSON
North Wilts. G.C.
Devizes.

The Annual Spring Meeting was held on Wednesday, 1st May, 1974, at the Basingstoke Golf Club, by kind permission of their Captain and Committee. The weather was good and Mrs. Janjua and her Assistant provided us with excellent refreshments. Mr. P. Huxley presented the prizes.

Lowest gross over 36—157 E. West (Broadstone) Tregunna Trophy and table lighter given by Huxleys.

Best Nett over 36—136 T. Patchin (Ampfield) Roffey Cup and gold watch given by Ransomes.

2nd Best nett over 36—144 E. James (Parkstone) Denyer Cup given by Bill Denyer.

Best nett Morning—74 J. Payne (Lee on Solent) Tankard.

Best nett Afternoon—73 E. Belcher (Waterlooville) Tankard.

Best 1st Year Handicap Player—151 A. Brant (Basingstoke) Tankard.

Mr. D. Hall was the winner of the Ball Sweep.

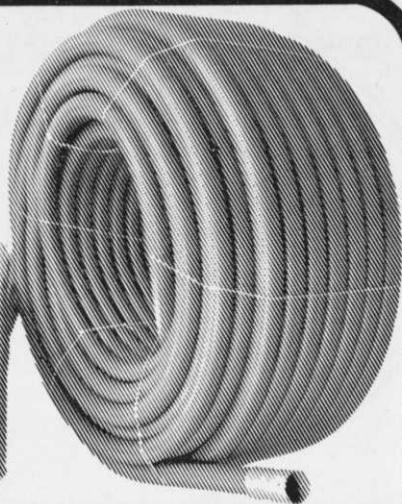
Mr. E. R. James, Acting Chairman, thanked the Captain and Committee for the courtesy of the course and clubhouse, and also expressed our thanks to the Green staff and indoor staff. Mr. James mentioned the contribution which Mrs. Stimson, Mr. E. Fox and Mr. A. Jeffery had made to the smooth running of the Tournament, and also acknowledged the prize

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donated by Mr. Phil Marshall, Mr. Paul Huxley and Mr. Bill Denyer.

Our congratulations to Mr. and Mrs. P. Huxley on the safe arrival of a son. Best Wishes to Dave Green in his new job.

It was with much regret that members learned that Mr. I. Greenfield had felt it necessary to resign his Chairmanship due to ill health, and we all hope he will be restored to better health quite soon. Our grateful thanks to Mr. Greenfield for the excellent way he has performed his duties as Vice-Chairman and then Chairman of the South Coast Section since its inception in April 1970.

The Section Annual General Meeting was held at Ampfield Par Three Golf and Country Club on Thursday, 16th May, 1974, at 7 p.m. A Report of the 1973 A.G.M. was read and accepted. A report of the past year's working was given by the Acting Secretary and she also presented the Financial Statement for the year ending 30th April, 1974; both reports were considered satisfactory and adopted.

The following officers were elected:—

Chairman: E. R. James; Vice-Chairman: E. Brown; Committee: E. Fox, P. Marsh, J. Payne, T. Smith, E. West and W. Young.

President: In the absence of Mr. J. H. Fry it was proposed by the Chairman that Mr. Fry be approached and asked whether he wishes to continue office for the ensuing year. This was unanimously agreed.

The appointment of Mr. J. Stimson as Secretary was confirmed.

Attention was drawn to a drop in Membership, and it was agreed that a recruitment campaign should be instigated, and that Honorary Members should also be encouraged to join the Section.

The Secretary submitted a report on the 1974 B.G.G.A. Annual Tournament to be held at the Isle of

Purbeck Golf Club on 30th September, 1st and 2nd October, 1974. The Chairman proudly displayed the splendid Section Flag which had been supplied by Roffey Bros. of Bournemouth and Elvin, the Flag Specialists. Peter Wilson, Brewers of Salisbury, has agreed to provide the tee markers, Phil Marshall, Ransomes, to supply flags for the greens and J. Hamilton Stutt to donate a special prize. In response to the letter circulated to the Trade, Landscape Maintenance Ltd., T. Parker & Sons (Turf Management) Ltd., Chipman Chemical Co. Ltd. and Huxley's Garden Machinery have expressed their willingness to "sponsor" a hole.

It was agreed that a Parker Pen be sent to Ian Greenfield as a token of appreciation for his services to the Section since its inception in April, 1970, and the Chairman presented six golf balls to Eddie Fox, Tournament Organiser.

Our special thanks to the Secretary, Captain, Steward and Stewardess of Ampfield Golf Club for giving us once again the courtesy of the clubhouse for our meetings, and looking after us so well.

The Chairman felt that, before declaring the meeting closed, a special vote of thanks should be given to the Secretary, and Members expressed their appreciation in the usual way.

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

B. Emberley of Broadstone G.C.

K. McKeown, P. Baker and C. Potheary of Stoneham G.C.

Mr. J. Hamilton Stutt (Hon. Member).

Mr. J. Heyworth (Hon. Member).

Twyford Seeds Ltd. (Hon. Member).

Landscape Maintenance Ltd. (Hon. Member).

Huxley's Garden Machinery (Hon. Member).

Secretary. N. M. STIMSON,

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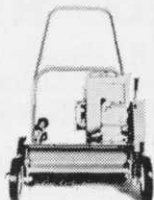
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East Midland Section

Chairman:
G. DARBY

Hon. Secretary:
S. FRETTER, Esq.,
4 Queens Drive,
Leicester Forest East,
Leicester.

Annual Spring Golf Tournament

The Annual Spring Golf Tournament was held at Rushcliffe Golf Club, East Leake on Wednesday 15th May 1974. There was an excellent turn out of Greenkeepers, Vice Presidents and Visitors. The weather was also excellent, and to make the day, the course was also in excellent condition. Our thanks for making this day perfect goes to the Captain and

Committee of Rushcliffe, to the Steward and Stewardess, the inside staff for the excellent meal, and the outside staff. Our thanks also to Mr. & Mrs. I. Toone for buying the prizes. To Mrs. Mott, Mrs. Darby, Mrs. Toone, Mrs. Fretter for helping with the starting and Raffle also the Putting competition. Thanks also to Mr. Emm of H. Pattinson for checking the cards.

I would also like to thank Ransome Simms & Jefferies. H. Pattinson & Co. Ltd., Leicester Horticultural Engineering Co., Rigby Taylor Ltd., Leicestershire and Rutland Golf Alliance. John Player & Sons Ltd. Mr. Austin Webb. Mr. James Mr. A. Thornton. Mr. Spencer, Machin and Hartwell for the lovely prizes. Also thanks to Mr. P. Malin for the Raffle prize.

PRIZE WINNERS

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D. Jack. (Leicestershire)

Gross 89, Handicap 20. Nett 69

GREENKEEPERS 1-11

G. Darby (Birstall)	78	6	72
I. Toone (Kirby Muxloe)	81	6	75
W. Wood (Hollinwell)	79	2	77
J. Carrick (Northampton County)	87	10	77
B. Mott (Rothley Park)	87	10	77
S. Fretter (Kibworth)	93	10	83

GREENKEEPERS 12-24

M. Lake (Northampton County)	96	24	72
A. Shaw (Radcliffe on Trent)	87	14	73
G. Dunckley (Northampton County)	97	24	73
R. Spurr (Erewash Valley)	86	12	74
P. McCarron (Leicestershire)	99	24	75
F. Frost (Derby Municipal)	91	15	76
R. Willars (Cosby)	88	12	76

VICE PRESIDENTS

R. Bailey	92	24	68
T. Davvcia	92	18	74

VISITORS

Mr. McCausland

Gross 77, Handicap 6, Nett 71

PUTTING

Mr. French 20 last four.

Subscriptions

Would you please note that all subscriptions for the year commencing 1st May 1974 are now due. Please forward these as soon as possible.

New Members

I would like to welcome to this section, Mr. J. Goddard of Mapperley

Golf Club, Notts, and hope he will have a long and happy stay with us. Also to the new Vice-Presidents. Mr. E. B. Reilly, Mr. F. Tippler, Mr. M. Lane, Mr. P. Spackman, Mr. M. Walker, Mr. N. Spencer, Mr. G. Machin, Mr. W. Parker, Mr. Barnes, Mr. R. Huntley, Mr. R. Hume.

North West Section

Chairman:
E. WALSH

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

Spring Tournament

Our thanks are due to the Captain and Council of Dean Wood Golf Club for their kindness in granting us the courtesy of their course, and facilities

of the Club house for the playing of our Spring Tournament and A.G.M. Also to Mrs. Sims, the Stewardess for the excellent meals provided; to Mr. G. Vaughan, Mr. P. Whyatt and Mr. N. Barlow, for the esteemed help in seeing to the cards, meal tickets, scores, monies etc. To Mr. J. Bond and his staff, for the excellent condition of the course, and a special 'thank you' to Mr. Marsden, the Captain, for presenting the prizes in the evening. Our thanks to all prize donors, both private and friends in the trade—we wish to express our appreciation.

Prize Winners as follows:—

Best Nett	H. M. Walsh	101	over 27 holes	
2nd	B. Edgerley	111	" "	
3rd	R. Lewis	113	" "	C.P.O.
4th	E. Walsh	113	" "	"
5th	R. L. Thomas	113	" "	"
6th	W. Sumner	114 $\frac{1}{2}$	" "	"
7th	R. Vickers	115	" "	
8th	H. McAddey	115 $\frac{1}{2}$	" "	C.P.O.
9th	M. Holmes	115 $\frac{1}{2}$	" "	"
10th	S. Dagger	119	" "	"
11th	F. Fletcher	121	" "	"
12th	J. Leonard	121 $\frac{1}{2}$	" "	C.P.O.
13th	J. Robinson	121 $\frac{1}{2}$	" "	"
14th	R. Janovskis	122	" "	"
15th	O. P. Jones	123	" "	"
16th	K. Holmes	123 $\frac{1}{2}$	" "	C.P.O.
17th	J. Gillett	123 $\frac{1}{2}$	" "	"

Vice President's Prize

1st Prize—R. Dodds.
2nd Prize—J. Turner.

Our thanks are due to the Steward and Stewardess who looked after us so well, not forgetting David Ward and his Assistants for the hard work they put in to make our day a pleasant one.

The following Members were elected to Office and to serve on the Committee.

President—W. Mountain.
Chairman—J. Scott.
V. Chairman—C. Geddes.
Sec/Treasurer—W. Heeles.

Hon. Auditors—W. H. Bartle & G. F. Smith.

Committee:—A. Robertshaw, G. Bennison, D. Roberts, C. Garnett, D. Ward, H. Marshall, R. Lambert, R. Barnes.

Subscriptions

1974/75 subscriptions are now due, and under a new resolution passed at the A.G.M. must be paid by 1st August 1974 or Membership will automatically be cancelled. There are still a number of subscriptions outstanding from 1973/74. Will members to whom this applies please remit to the Secretary as soon as possible.

Southern Section

Chairman:
F. W. FORD
(South Herts)

Hon. Secretary:
F. W. FORD
68 Salcombe Gardens,
Mill Hill, London, NW7
Tel: 959 2847

Spring Tournament

The Annual Spring Tournament was played over 36 holes on The Home Park Golf Course in Surrey by kind permission of the Captain and Committee of the Club.

Sixty-six out of an entry of seventy

enjoyed a fine warm day, good food and some excellent greens to putt on. well done Hugh, and many thanks for all your efforts.

Norman Syrrett, Captain of the club, presented the prizes, details of which are as follows:—

36 Scratch Prize	J. Kirkpatrick	(Dulwich & Sydenham)	76-77=153
Best A.M.	J. Liddington	(New Zealand)	72 Net
„ P.M.	T. Foster	(Maidenhead)	68 „
1st Year	(1) D. Johnson	(New Zealand)	162 Gross
	(2) K. Palmer	(Cottesmore)	162 „
	(3) S. Tatlor	(Fulwell)	163 „
Over 60	(1) B. V. Fordham	(Tandridge)	72 Net
	(2) C. A. Moore	(Stanmore)	77 „
	(3) P. Whitehead	(Shooters Hill)	78 „
36 Aggregate	(1) D. Jones	(West Essex)	136 „
	(2) A. Collis	(Sonning)	139 „
	(3) A. J. Martin	(Haste Hill)	141 „

(4) W. Machin	(Addington Court)	142	Net
(5) L. Coyte	(Romford)	143	..
(6) B. Piggott	(Henley)	143	..
(7) S. Hayter	(Enfield)	144	..
(8) M. Owen	(Roehampton)	145	..
(9) R. Lance	(Surbiton)	145	..
(10) I. Huggett	(Tyrrells Wood)	145	..
(11) J. Newman	(Downshire)	146	..
(12) A. Finnie	(Blackheath)	146	..
(13) A. P. Chappell	(Kingswood)	146	..

Once again we are indebted to David Craig and Philip Marshall for coming out on top once again with the 'one prize only' score cards. 'You wouldn't really like to see someone sweep the board, would you Dave'? Other great work was done by our Starters R. Jobson & Bernard Diddams, Raffle organisers and sellers Derek Gould, John Field and Andrew Kitch. To all these gentlemen thank you for coming and we hope you will keep coming. Proceeds of the Benevolent Fund Raffle:—£15.15.

Prize Donors

Contribution to our Prizes this year was made by the following:—Messrs. Ransomes, Sims & Jefferies, Huxleys Garden Machinery, Flymo Ltd., R. C. Craig & Co. Ltd., Maxwell M. Hart Ltd., T. Parker & Son, J. Gibbs Ltd, Pattison & Co. Ltd., Suttons, May & Baker, Robert H. Andrews, Elvin Pennants, Kingston Mowers, Rubber Mat Coy, and W. H. O. Wills.

New Members

We welcome to the Association the following who have joined the Section this May. P. A. Wisbey (North Foreland), P. Gregary (Richmond Park), P. Dell (Flymo Representative), and D. Winter & S. Fowler of the Muswell Hill Golf Club.

Autumn Tournament

The Autumn Tournament will be held on Wednesday 11th September

at The Burnham Beeches Golf Club, Bucks (Nearest Station Burnham 2 Miles.) Entries stating NAME: H'cap. (and partner) & Club to be sent to Ray Tempest, 45, Telston Lane, Otford, Kent, NOT TO ME, and will be accepted from paid up Members only. Closing Date Monday 26th August.

Whitbreads

Members please note that all future lectures will be held at the WHITBREADS SOCIAL & SPORTS CLUB BREWERY, CHISWELL STREET, LONDON EC1Y 4SD. Nearest Underground Station, Moor-gate. First Lecture 16th October.

Coach Trip to Bingley

Arrangements have been made for a party of Southern Section Members to spend a day at the Bingley Research Station in August. They will travel on Sunday 18th August, spend the day at St. Ives returning home the same evening. Special attention will be paid to see that the coach leaves in time to get Members back to London to catch their respective trains home.

The programme for Monday as suggested by the Director, J. R. Escrib is (1) The many variety trials, (2) Seed mixture trials, (3) other miscellaneous trials, (4) Machinery.

Evening meal, Bed & Breakfast at the local Midland and Fleece will be in the region of £3-50 per head. The

coach will be free and will leave from outside Charing Cross underground station (Embankment side) at 11 a.m.

This is a great opportunity for Apprentices and is an educational trip in the interest of Golf Clubs so bring it to the notice of your Greens Chairman and collect the expenses !!

Midlands Section

Chairman:
G. HART

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

Jim Stephens

Members will be sorry to hear of the death of Jim Stephens who died recently, after a short illness. Jim was Head Greenkeeper at Moor Hall Golf Club, Sutton Coldfield, and until recently, had been an active member of the Section Committee.

Spring Tournament

The Spring Tournament was held at Robin Hood Golf Club, Solihull, on May 2nd over 27 holes.

The Ransomes Cup and Watch was won by S. Spence, with a NETT score of 108.

The Suttons Cup and Stainless Steel Tea Set for the best 27 holes Gross Score, was won by G. Woodward with a score of 124.

Other Prize winning scores were:—

2nd NETT	V. Smith	—	112
3rd	„ D. Havnes	—	113
4th	„ R. Smith	—	115½
5th	„ G. Hart	—	117
6th	„ T. Cutler	—	117
7th	„ R. Pullen	—	117½
8th	„ A. Kite	—	120½
9th	„ D. Brazier	—	120½
10th	„ A. Boraston	—	122½
11th	„ J. Hughes	—	123
12th	„ R. Chandler	—	123
14th	„ T. Morris	—	124

15th „ G. Scrutton — 124

16th „ P. Marnock — 124

The Visitors Prize was won by R. Fry.

Mr. T. M. Butler, Captain of the Robin Hood Club, presented the prizes. He extended a warm welcome to all Greenkeepers and hoped that everyone had enjoyed their day at Robin Hood.

On behalf of the Greenkeepers, our Chairman George Hart thanked Mr. Butler and the Robin Hood members for allowing us the courtesy of the course and Club house throughout the day.

He then paid tribute to David Brazier and the Green staff for the very fine condition of the Course, and to the indoor staff for the excellent meals and service during the day. He also thanked Peter Wyatt and Frank Cashmore for coming along to do the paper work.

Prize Donors

We are indebted to the following for their contributions to the Prize Fund:—

Ransomes—Robin Hood Golf Club—Toro U.K. Sutton & Sons—Sparbrook Golf Ball Co. Ltd.—F. W. Lees—Kings Heath Mower Services—Fisons—Cambridge Soils—Stewart & Sons Ltd.—Twyford Seeds—Golf Ball Manufacturers—E. T. Breakwell—Mr. F. Miller—Mr. R. James—Mr. L. E. Swain—and Mr. S. Wildman.

Autumn Tournament

The Autumn Tournament will take place at the Handsworth G.C. on Wednesday 18th September. Please let me have your entry by 4th September at the latest.

New Members

We welcome to the Section, Mr. N. Jones, Head Greenkeeper at North Warwickshire Golf Club and his Junior Assistant, N. Robinson.



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