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JACOBSEN GREENS KING

The front cover photograph features the renowned Jacobsen Greens King, designed for fine turf cutting where a wide swathe is required. It is a purpose-built machine, riding on triples, which because of its speed of action can cut an 18-hole golf course in about four hours. Think what an asset this is to the greenkeeper who, during the growing season, likes to mow his green once a day; he can start work at six or seven in the morning and finish the mowing by ten or eleven, leaving the course free and ready for the golfers. Additionally, on those days when the course is not busy, the Jacobsen Greens King can be used for other maintenance jobs like, for instance, scarification, where it will rake and remove those layers of thatch which have got out of hand.
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(b) Bantam Turf Cutter □

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Golf Greenkeeping and Course Maintenance
PART 7: THE CONSTANT CHALLENGE

THE KEEPING OF THE GREEN

Born in Scotland, 20 November 1924. Educated at Glasgow Academy and St Andrews University where he graduated BSc in maths and botany at the age of 19 — one of the younger graduates in the University's 500 year old history. Played both golf and tennis for the University. Served in the war on Operations Research with RAF Bomber Command where he soon led his own section.

In 1945 entered the golf and sports ground construction company which had been founded by his father John R. Strutt in 1919. Studied civil engineering and surveying at Strathclyde University and for the next 15 or so years, first based in Scotland then in Poole, Dorset, was responsible for the execution of many major golf and sports ground construction contracts throughout Great Britain and Ireland. Regards his early years spent travelling and working on golf course construction with some of the great golf architects of the day, people like James Braid, Philip Mackenzie-Ross and John Morrison, as being the best possible training for golf architecture.

Commenced designing over 30 years ago and gradually gave up the running of the family construction company to become a full-time golf course architect. Prefers to work on his own because of the greater freedom this gives to pick and choose commissions and for the satisfaction of following projects personally from beginning to end.

Has worked in all countries of the British Isles, France, Spain, Scandinavia and the Middle East. Speaks French, German, Spanish and Norwegian.

Founder member of the British Association of Golf Course Architects and current Chairman. Past Captain of Parkstone Golf Club. Lloyd's underwriter. Member of the R & A and honorary member of several other golf clubs.

The golfer of today demands as near perfect a playing surface as possible for his sport. It is certainly the job of all of us concerned with the creation of new golf courses and the running and development of existing ones to do all we can to give him what he wants.

Fortunately, we are helped by steady developments in the past 50 years in scientific knowledge (new specifications, grass strains, weedkillers, fungicides, etc.) and, especially in recent years, the wealth of new maintenance equipment (triplex mowers, pop-up irrigation, aerating and scarifying machines, etc.) now available. Against these aids must be set the contrary factors of:

(1) Greatly increased wear due, not only to the phenomenal rise in the number of players (and hence beginners) but also to the fact that today's new member, having waited several years for the privilege, and forked out a sizeable sum to join, plays a great many more rounds per year than was usual even 10

"Chamber of Horrors" — "Potato Pit"
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Golf Greenkeeping and Course Maintenance
years ago. Nearly all clubs I have visited are finding this a problem. (2) Desire of some golfers to play the full course all the year round — even though, in their inner hearts, most would probably be much happier with a quicker round in the shorter, colder days of winter.

(3) Expectation of a perfect lie every time the golfer plays off the fairway — and sometimes even in the semi-rough:

This is confirmed by the insidious spread of those ghastly, ugly white lines marking “Ground under repair” which, like graffiti, are disfiguring the natural beauty of our courses everywhere. One seems to tour round one’s mind and I regret to see this practice spreading to club golf, often to mark only the most minor of blemishes. One eminent Head Greenkeeper, who shall be nameless, tells me he sometimes wonders if the Head groundsman at Wimbledon spends as much time with his white line marking machine as he has to!

There is a danger, I feel, of losing some of the traditions, the spirit and joy of golf, if, in a search for perfection, we try to eliminate luck (e.g. the occasional bad lie) completely. Our forebears were not so soft! After some patient research in the R. & A.’s excellent golfing library in St Andrews, the earliest mention I could find of any formal attempt to supplement rabbits and sheep as golf’s first greenkeepers was in 1866 — when golf was already some 500 years old! On that date the clubs which played on the links at Bruntsfield met and decided to hire a man “to care for the holes and turf”. Thus was a new profession born.

The state of the playing surface occupies such a high place in most golfers’ minds that it is invariably the first and only thing they will comment on when asked about a new course. I have just returned from a pleasant few days as guest at a major professional event on one of my new golf courses. Everyone was very kind in their praise — “Wonderful condition for such a new course,” etc., etc., but only an enlightened few got beyond that to comment on the layout, strategy, shaping of the greens, bunkers and other design factors which, being permanent and fundamental, are really much more important. It is rather as if road tests of a new car referred only to the paint work and carpeting — important though these aspects are!

I hope this series will help to direct attention to some of the wider considerations of good golf course architecture. It is essential for the average golfer to start looking beyond the turf surface if we are to get away from the state of indifferently designed courses of the 60’s and 70’s and achieve a return to the standards of the golden age of golf architecture referred to at the start of this series.

Having got that off my chest, I would like to re-emphasise the importance of skilled and knowledgeable greenkeeping in golf.

A profound knowledge of agronomy should also, in my opinion, be part of the “complet golf architect’s” armory. I find that decisions affecting turf culture and future maintenance are required on almost every visit I make.

After a degree and over 30 years practical experience, plus regular study to keep up to date with new developments, I may perhaps be allowed a few comments on the subject.

I have seen fashions in greenkeeping come and go, but the more experience I get, the more convinced do I become of the following basic home truths:

1. The best kept courses are invariably those where a good Head Greenkeeper (or Course Manager, if you prefer the term) is given maximum responsibility and allowed to get on with his work with a minimum of interference from the Green Committee, members and visiting agronomists, etc.

(Though the latter can have a useful part to play in specific instances.)

In other words, as in so many walks of life, divided responsibility seldom produces the best results.

A further consideration is that only by giving greenkeepers more authority and status can we hope to attract into turf management the calibre of men who are essential for the further development of our sport. The Greenkeeper Training Scheme, which I am proud to have played a very small part in setting up, is already doing a good job and deserves fullest possible support. It is no use building new golf courses if we have not got a reserve of men of sufficient calibre to look after them properly.

On a new course I like to appoint the Head Greenkeeper at a fairly early stage in construction so that he will understand construction problems, can act as Clerk of Works, then gradually take over

---

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September 1979
maintenance. Most important, he will rightly be an important member of the team from the outset. "The most important man," I like to tell clients!

2. The lack of continuity in management (new committees ever few years), which is found in most British Golf Clubs, has a particularly adverse effect on the course.

No company could survive with such constant changes in its Board of Directors. We all know of golf courses where back tees, bunkers, even greens, are brought back into play, then abandoned for several years, with astonishing regularity!

The solutions to this problem are:

(a) Increased responsibility and authority to the Club Secretary and Head Greenkeeper (Club and Course Managers) as outlined in (1) above.

(b) Obtain from an experienced golf course architect (myself excluded, as I am making this recommendation!) what I sometimes call a "10-Year Plan" — a list of worthwhile course improvements to be carried out as and when time and finances permit. Stick to it to avoid further "Captain's Follies"!

3. Avoid extremes of fashion in turf care. A moderate, balanced approach is likely to produce the best results in the long run.

For many, many years, due largely to lack of funds, our courses were under fed and under watered. People are inclined to forget this. Along came a sudden affluence due to increased membership (and fruit machines) leading to the use of too much fertiliser and over use of the latest toy — pop-up irrigation systems! Now when so many golfers I meet complain of tight, bare lies, and the defensive play necessitated by flaky, hard approaches and lightning fast greens, it is probably that the pendulum has swung too far the other way. In the words of one frustrated golfer, faced with yet another bare lie, "Come back Poa annua, all is forgiven!"

To be serious, whilst no-one wants excessively soft, lush greens, my case for the happy medium and encouragement of more attacking golf in Britain was well put recently by a leading Ryder Cup player when he said, "There will be no improvement unless we change our thinking about the condition of our courses. US conditions of reasonably watered greens and fairways will produce a better breed of golfer, not only among pros but right through the game."

4. Some recent new golf courses have cost an unnecessarily large sum of money to construct, largely due to an inexperienced architect not getting things right at the planning stage and also playing safe by drawing up a "Rolls-Royce" or "Ferrari" specification when a good "Rover" standard would be perfectly adequate for the purpose and enable the project to be financially viable. A point too often forgotten!

The skilled golf architect must have the confidence and experience to draw up a specification best suited to his client's real needs. For example, there comes a stage when it is quite easy to spend double on drainage and hyper-sophisticated green composts for only marginal improvement in playing conditions — and then mainly only during mid-winter months, when not a great deal of play takes place anyway.

Several recent well publicised, but poorly designed or over expensive golf courses have now failed, or are only being kept going by massive further injections of capital. These failures are a loss to golf and could, I believe, have been avoided. In some cases the person chosen to design the course should have said "No" to the site at the Feasibility Report stage, but presumably he did not want to risk losing the chance to become a golf architect!

5. Like farming, greenkeeping is a constant battle with nature. None of us knows all the answers.

Chamber of Horrors
Examples of some less fortunate "Do it yourself" efforts. How would you rate these under the test of my Golden Rules:

1. Must look completely natural and blend in with the environment.

2. Must be easy to maintain with triplice mowers, etc. (All my new greens for over 10 years or so have been especially designed for triplice mowers, e.g. ample turning places, opportunities to vary the direction of cut, etc.)
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September 1979
The training scheme for golf greenkeepers initiated by the Standing Conference for Golf Greenkeeping and currently being administered by the Greenkeepers Training Committee has now been in existence for three years. Since the scheme started, 420 log books have been issued to trainees. Over the past two years approximately 500 people have taken the City and Guilds Stage 1 Examination so it would appear that every student is not participating in the scheme.

The number of people who have been entered on to the main register — head greenkeepers and qualifying assistants — is now approaching 650 but as there are approximately 2,000 golf clubs in the country that figure represents less than one-third of the total.

Progress is being made slowly but it is worth reminding everyone that the facility of registering without taking City and Guilds examinations exists only until 31 December 1980. The success or failure of the scheme depends on two main things:

1. A strong Greenkeepers Association is essential and membership of the British, Scottish or Irish Association is now a requirement for registration. It is appreciated that not all greenkeepers are members of an association but have they been approached? Have they been invited by a member to attend a meeting? If the association is to grow some effort should be made by existing members to encourage people to join. The job is an isolated one but there is no reason why isolation should become the rule and calls on the club "down the road" should be encouraged.

In a recent article in the magazine the President made some sensible suggestions about obtaining a fully qualified service although it is outside the remit of colleges to restrict education to members only. This can be achieved by the Log Book system.

2. An awareness of the need to offer training to greenkeeping staff by the clubs. Continuing publicity is essential but as the President recently wrote one of the major difficulties is the annual election of club officials which leads at times to a lack of continuity and the development of the "them and us" situation.

The colleges who have intimated that they are able to provide a City and Guilds Phase 1 Course in Horticulture as the first stage towards the Phase 2 Turf Option to which the Greenkeepers Training Committee has agreed, are listed below. Contact should be made as soon as possible with these colleges if you have a trainee.

<table>
<thead>
<tr>
<th>County</th>
<th>College</th>
<th>Course</th>
<th>Day</th>
<th>Block</th>
<th>Fees</th>
<th>Starting</th>
<th>Enrolment</th>
</tr>
</thead>
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<tr>
<td>Berks</td>
<td>College of Agriculture, Hall Place, Betchworth Green, Nr Maidenhead</td>
<td>Phase 1</td>
<td>X</td>
<td></td>
<td>£24.00</td>
<td>25 Sep 1979</td>
<td>Before starting</td>
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<tr>
<td>Cambs</td>
<td>Francis Jeeps Farm College, Milton, Cambridge CB4 4DR</td>
<td>Phase 2</td>
<td>X</td>
<td></td>
<td>£28.00</td>
<td>9 Oct 1979</td>
<td>Before starting</td>
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<td>Cheshire</td>
<td>College of Agriculture, Reaseheath, Nantwich CW6 6LF</td>
<td>Phase 1</td>
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<td>£24.00</td>
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<td>Before starting</td>
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<td>Cumbria</td>
<td>College of Agric. &amp; Forestry, Newton Rigg, Penrith</td>
<td>Phase 2</td>
<td>X</td>
<td></td>
<td>Under 18: £2</td>
<td>Sept 1979</td>
<td>Before starting</td>
</tr>
<tr>
<td>Derby</td>
<td>Broomfield College of Agric., Morley, Derby DE7 4DN, Also Chesterfield Coll. of Tech</td>
<td>Phase 1</td>
<td>X</td>
<td></td>
<td>£24.40</td>
<td>26 Sep 1979</td>
<td>At first meeting</td>
</tr>
<tr>
<td>Devon</td>
<td>Bicton College of Agriculture, East Budleigh, Budleigh Salterton EX9 7BY, Also College of Further Education, Kings Road, Plymouth</td>
<td>Phase 1</td>
<td>X</td>
<td></td>
<td>£25.30</td>
<td>19 Sep 1979</td>
<td>Before starting</td>
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<tr>
<td>Durham</td>
<td>Agricultural College, Houghall, Durham DH1 3SG</td>
<td>Phase 1</td>
<td>X</td>
<td></td>
<td>£30.60</td>
<td>18 Sep 1979</td>
<td>On starting</td>
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<tr>
<td>Ensex</td>
<td>Writtle Agricultural College, Chelmsford CM1 3RR</td>
<td>Phase 1</td>
<td>X</td>
<td></td>
<td>£35.40</td>
<td>18 Sep 1979</td>
<td>At commencement or before</td>
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<tr>
<td>Gloucs</td>
<td>College of Agriculture, Hartpury House, Nr Gloucester GL19 5BD</td>
<td>Phase 2</td>
<td>X</td>
<td></td>
<td>£25.30</td>
<td>19 Sep 1979</td>
<td>Under 18 free</td>
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<td>Hants</td>
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<td>Phase 2</td>
<td>X</td>
<td></td>
<td>£25.30</td>
<td>20 Sep 1979</td>
<td>10-13 Sept</td>
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<tr>
<td>London</td>
<td>Capel Manor Institute of Hort., Bull Moor Lane, Watford, Herts EN7 5HR</td>
<td>Phase 1</td>
<td>X</td>
<td></td>
<td>£40</td>
<td>week beginning 17 Sep</td>
<td>Before starting</td>
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<td>Lincs</td>
<td>College of Agric. &amp; Hort., Oaklands, St Albans, Herts</td>
<td>Phase 1</td>
<td>X</td>
<td></td>
<td>£25 approx</td>
<td>week beginning 19 Sep</td>
<td>Before mid-September</td>
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<td>Kent</td>
<td>Hadlow College of Agric. &amp; Hort., Hadlow, Tonbridge, Kent</td>
<td>Phase 1</td>
<td>X</td>
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<td>£25 approx</td>
<td>week beginning 17 Sep</td>
<td>Enrolment at earliest opportunity</td>
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<td>Lincs</td>
<td>College of Agriculture, Myrescough Hall, Bilsborrow, Preston PR3 0RY</td>
<td>Phase 2</td>
<td>X</td>
<td></td>
<td>£25 approx</td>
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<td>at various centres in county</td>
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<td>Wigan College of Technology, Wigan</td>
<td>Phase 2</td>
<td>X</td>
<td></td>
<td>£29 approx</td>
<td>19 Sep 1979</td>
<td>6-8.30 pm</td>
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<td>Leics</td>
<td>Brooksby Agricultural College, Brooksby, Melton Mowbray LE14 2LJ</td>
<td>Phase 1</td>
<td>X</td>
<td></td>
<td>£60</td>
<td>week beginning 10-13 Sept</td>
<td>17 Sep 1979</td>
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<td>Phase 1</td>
<td>X</td>
<td></td>
<td>£29</td>
<td>2 Oct 1979</td>
<td>At starting</td>
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<td>Norfolk</td>
<td>College of Agric. &amp; Hortic., Easton, Norwich NR9 5DX</td>
<td>Phase 1</td>
<td>X</td>
<td></td>
<td>£35 approx</td>
<td>24 Sep 1979</td>
<td>Up to first week, but preferably</td>
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<td>Norfolk</td>
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<td>Phase 2</td>
<td>X</td>
<td></td>
<td>£35 approx</td>
<td>week beginning 24 Sep 1979</td>
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Askham Bryan College of Agriculture and Horticulture, Askham Bryan, York

TRAINING AND EDUCATION

12 Golf Greenkeeping and Course Maintenance
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<tr>
<th>County</th>
<th>College</th>
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<td>Northants</td>
<td>College of Agriculture, Moulton, Northampton NN3 1PR.</td>
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<tr>
<td>Northumber-College of Agriculture, Kirkley Hall, Ilkley, NEWCASTLE-UPON-TYNIE.</td>
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<td>Salop</td>
<td>Shrewsbury Technical College</td>
<td>Stage 1</td>
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<td>Somerset</td>
<td>College of Agric. &amp; Hortic., Cannington, Bridgewater T3 2LS.</td>
<td>Stage 1</td>
<td>X</td>
<td>£30.60</td>
<td>19 Sept 1979 Before starting</td>
<td></td>
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<tr>
<td></td>
<td>and Nortons Radstock Technical College, Avon</td>
<td>Stage 1</td>
<td>X</td>
<td>£34 under 18 nil</td>
<td>18 Sept 1979</td>
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<td>College of Agriculture, Rodbaston, Penkridge, Stafford ST19 3PG.</td>
<td>Stage 1</td>
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<td>£12 approx</td>
<td>24 Sept 1979</td>
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<td>Suffolk</td>
<td>Institute of Agric. &amp; Hort., Olney, Ipswich IP6 REV.</td>
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<td>Surrey</td>
<td>Merrit Wood Agricultural Coll., Worpleden, Nr Guildford, Surrey.</td>
<td>Phase 1</td>
<td>X</td>
<td>£34 under 18 nil</td>
<td>24 Sept 1979</td>
<td></td>
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<tr>
<td>Sussex</td>
<td>Plumpton Agricultural College, Plumpton, Lewes BN7 3AG.</td>
<td>Phase 1</td>
<td>X</td>
<td>£42 under 18 nil</td>
<td>18 Sept 1979</td>
<td></td>
</tr>
<tr>
<td>Wilts</td>
<td>Lackham College of Agriculture, Lacock, Chippenham</td>
<td>Phase 1</td>
<td>X</td>
<td>£18: £1.50</td>
<td>18 Sept 1979</td>
<td></td>
</tr>
<tr>
<td>Wores</td>
<td>Pershore College of Horticulture, Pershore WR10 3JP.</td>
<td>Phase 1/2</td>
<td>X</td>
<td>£18: £31</td>
<td>12 Sept 1979</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Also Stourbridge College of Further Education.</td>
<td>Phase 1/2</td>
<td>X</td>
<td>£18: £50</td>
<td>18 Sept 1979</td>
<td></td>
</tr>
<tr>
<td>Warwick</td>
<td>College of Agriculture, Morston Hall, Morston, Warwick.</td>
<td>Stage 1</td>
<td>X</td>
<td>On application</td>
<td>24 Sept 1979</td>
<td></td>
</tr>
<tr>
<td>Yorkshire</td>
<td>Askham Bryan College of Agriculture &amp; Horticulture, Askham Bryan, York YO2 3JR.</td>
<td>Phase 1</td>
<td>X</td>
<td></td>
<td>Not later than 1 Sept</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Also Redhall, Leeds or Guisborough.</td>
<td>Phase 2</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Doncaster Metro. Institute of Higher Education, Waterdale, Doncaster DN1 3EX.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Scotland</td>
<td>Kingsway Technical College, Old Glamis Road, Duderstaid DD3 8LE.</td>
<td>Scooteur</td>
<td>X</td>
<td>£18 under 18 nil</td>
<td>Wednesday, 22 Aug 1979</td>
<td>Week beginning 13 Aug 1979</td>
</tr>
<tr>
<td></td>
<td>Elmwood Agric. &amp; Tech. College, Carlogie Road, Cupar KY15 4JH.</td>
<td>Scooteur Yr 1</td>
<td>X</td>
<td>Under 18: nil</td>
<td>27 Aug 1979</td>
<td>4 weeks prior to start</td>
</tr>
<tr>
<td></td>
<td>Oatridge Agricultural College, Eccleshall, Staffs.</td>
<td>Stage 1</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Wales</td>
<td>Welsh College of Horticulture, Prestatyn, Prestatyn CH7 4AA.</td>
<td>Phase 1</td>
<td>X</td>
<td>£12 + £4 Block</td>
<td>24 Sept 1979</td>
<td>Week beginning 17 Sept 1977</td>
</tr>
<tr>
<td></td>
<td>Mid-Glamorgan College of Agriculture &amp; Horticulture, Pontard Cross CF3 3LY.</td>
<td>Phase 1</td>
<td>X</td>
<td>£24</td>
<td>24 Sept 1979</td>
<td>Week beginning 17 Sept 1977</td>
</tr>
</tbody>
</table>

The Training Committee has been involved in discussion with City and Guilds over the new Phase I and II scheme. The outcome is that the Phase I has been accepted as a basic course and with reservations the Phase II course also. After listening to the requirements from the industry the Committee argued for one or two changes in the scheme as developed by City and Guilds and some concessions have been obtained on the elements in the syllabus only of fringe interest to greenkeepers. The course is not full of rose-pruning as some people would have you think although there is a small element of it. The major part of the course is devoted to turf culture and machinery so that, among other things, students will be able to tell the difference between a tractor and a spiker designed for use on fairways and a mounted spiker designed for use on greens and know when each should be used!

However, at the end of the three-year course a successful student will not necessarily be a good greenkeeper. So much depends on the training he receives at his place of work. The colleges can provide the background information to enable the trainee to understand why jobs are required. The "how" is also taught but his ability will only develop if he has proper training.

The Greenkeepers Associations are represented on the committee and any constructive suggestions will be passed on by the representatives. The Committee has every desire to ensure that the scheme continues to develop and feedback from individuals and clubs are essential. On this point colleges will be pleased to talk to the industry so why not get in touch with them. A list of colleges offering courses is published elsewhere in this issue. Apathy is something which the whole country. To recomment and training is no exception. It is therefore worth using the well worn phrase once again "you only get out what you put in". Don't sit back and complain, join in and offer your comments. Salt mines are not a threat in this country except perhaps in Cheshire!
is full of Clubs that have the benefit of a Cameron watering system. Whether it is a fully automatic system using the minimum of expensive time and labour to operate it or one of the alternative systems that Cameron are able to offer, it will be part of a Cameron System.

From the time your enquiry is received to the time the system is completed it is in the hands of experts. Details are passed on by our Technical Representatives to our Design Office who will prepare a detailed Quotation with drawings. The equipment will be carefully selected to give the finest possible results and guaranteed to give satisfaction.

Cameron offer a complete installation service if required and the majority of contracts are carried out with our own installation teams. When indirect labour is used it is under the control of trained Cameron Supervisors.

After sales service and full maintenance contracts are all part of the Cameron policy of looking after their customers.

The portable sprinkler is ideal for smaller turf areas – say one acre – extending from the circle or part circle sprinkler to the sophisticated, self travelling rain train.

The pop-up sprinkler is connected to an underground supply line, operating on a timed programme to deliver a fine spray. When not in use, it simply disappears, with the casing cover flush with the surface.

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Reed Irrigation Systems
-Worldwide

To call in the experts just fill in the coupon and post it to us at:– Cameron Irrigation Systems, Harwood Industrial Estate, Littlehampton, Sussex BN17 5BR, England.
Dear Sir,

I feel I must correct some of the statements made by J. H. Arthur, Esq in the June and July issues of the magazine where the training of greenkeepers is concerned.

The Greenkeepers Training Committee grew from the Standing Conference for Golf Greenkeeping and has been extremely active in developing the training scheme and the associated college courses. The Committee comprises representatives from relevant bodies who have the interest of golf and golf greenkeeping at heart. Not the least of the members are the golf unions who also have arranged for a great deal of work to be done at county level by Voluntary Liaison Officers. To say that the Golf Unions have lost interest is something of a slight on these hard-working people.

The syllabus for colleges has been agreed by the committee when faced with powerful arguments from City and Guilds but some concessions have been won. As with all new developments changes can be made in the light of experience and sensible constructive comment and the Committee are well aware of this. However, disparaging remarks from people who have done little to help so far, are worthless.

As the course is a new one to most colleges many tutors have little experience of the requirements but it is their duty to find out from all available sources, as much as they can so they are competent to teach it. To decry their efforts to gain that knowledge seems unkind and uncalled for. Whether they can play golf or not does not prevent them appreciating the greenkeepers' needs and aims.

The syllabus originally used in the Scottish colleges was used by City and Guilds as a basis for their syllabus but developments go on, it is rare that the ideal is reached at the first attempt.

Only a little research by Mr Arthur would have enabled him to write a more accurate article — this is something the college tutors. However! Courses HAVE been available for college lecturers at the Sports Turf Research Institute for the past two years and at the Lancashire College this past summer. All colleges were made aware of these courses and have been well attended.

There would appear to be a contradiction in the articles — the statement in one that there is a shortage of trained and qualified men is contradicted by the statement that there is no need to teach students about basic soil chemistry such as pH measurement. As the soil in the grass from which grass derives material for growth and development, it seems to me that every greenkeeper should know all he can about it so that he can interpret what is going on.

Come off it, Mr Arthur, the Committee is well supported by the golf unions, greenkeepers associations and the trade, and the colleges have more resources at their disposal than you seem to think.

The main enemy of the scheme is apathy and if every encouragement can be given to participating in the scheme the numbers would ensure a much better bargaining position for future development by the Committee.

Yours sincerely,

W. N. S. Bisset Administrator and Secretary to the Training Committee and while we're on the subject...

At a recent meeting held by the Liaison Officer to the Cheshire Union of Golf Clubs with his Advisory Panel it was proposed, providing there was a promise of sufficient support, to run six evening discussion sessions in each of the two main areas of Cheshire, i.e. East Cheshire and West Cheshire. The sessions to be held at convenient golf club centres in East Cheshire in October/November and West Cheshire in February/March 1980. The sessions would be arranged by Mr Dennis Mortram, lecturer in horticulture (incidentally, an experienced golfer) through the Reaseheath Horticultural College and a small fee of £6 per head would be required by the College. If there is sufficient interest, specialist subject lecturers may be introduced. One aim is to promote discussions between Head Greenkeepers on greenkeeping problems and, in particular, lines of communication, finance and cost budgeting, problems concerning all golf clubs. Although the above is not intended to replace the Annual Refresher Course held by the Reaseheath College for one week at the end of March/beginning of April 1980 which on each occasion has been a distinct success.

A reminder is also introduced to all greenkeeper trainees of the need to register at their respective Colleges for the Autumn/Winter day release courses leading to the City and Guilds examinations and here again all Cheshire golf club secretaries will receive through the post, further details of the College programmes.

N. H. Rimmer, C.U.G.C. Liaison Officer, 14 Dunham Lawn, Braggade Road, Altrincham, Cheshire, WA14 4QJ Tel No. 061 941 1838.
TURF CAT...

Purrr-rection!

Turf-Cat has everything — but everything. Like three large wheels for sure-footed stability. And the ability to creep softly but quickly over every variation in ground contours.

There's a choice of 50 or 60 inch out front rotary cutters. And a pussyfooted anti-scalp facility.

Both operator and environment will appreciate the stealthy quietness.

Groundsman's and Greenkeeper's happiness is a Turf-Cat — no purrr-haps about it!
The Jacobsen Greens King, supplied complete with grass boxes and front rollers, is the ideal greens machine for you. Powered by a 14HP engine, it can cut an average 18 hole golf course in less than four hours.

Jacobsen engineering can provide you with the following features:
- High quality cut on your greens
- Regular vertical mowing to give good grain control and remove thatch
- Tight turning radius on difficult greens
- The ability to select any of the three reels for the final pass
- Excellent weight distribution eliminating tyre marks and compaction
- Operator comfort and ease of control including the ability to get on and off the machine from either side, making for operator efficiency
- Two transport speed ranges giving the operator the ideal speed between greens

The Jacobsen 70" Triples Trimmer is the answer to quality mowing in areas which require a lot of manoeuvrability. It is ideal for getting under overhanging branches and shrubs and will cut around trees without a second look.

The Jacobsen 70" Trimmer provides:
- Strength, giving long working life
- Power, with eight HP engine
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- Transport speeds in excess of 7 miles an hour
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- Grass boxes, front and rear rollers, supplied as extras

The Jacobsen Turf King comes in two sizes of 76" and 84" width of cut to give the user the ideal machine for his application. Powered by a 14HP engine through hydrostatic transmission and controlled by a single pedal the Turf King can cope with almost any conditions. The constant cutter speed can give a wide range of finishes from extra fine for quality turf to a standard acceptable for parks and recreation grounds all in the same machine.

The Turf King gives you all you could ask for including:
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- Hillside stability for mowing slopes
- Ease of control and operator comfort
- All-day petrol tank to save time on refuelling
- Fully articulated units which follow uneven ground contours
- Grass collection boxes and rollers supplied as an extra

Demonstrations arranged.

Please send me complete details.

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ADDRESS ____________________________
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But take a worm's eye view of an amateur golfer and it's a very different story. One glimpse of those brand new spikes followed by a slicing number 9 iron can strike terror into the hearts of some makes of grass seed.

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Golfers, pro and amateur, have been walking all over us for years, on courses from Turnberry and Sheringham to Golf Ismolas in Sardinia.

We can offer you an extensive range of grass seeds for tees, fairways, greens and the rough. Plus a big range of fertilizers and turf dressings.

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170 years experience at your feet.

Visit our Stand No. 119 at Motspur Park.
WHAT'S NEW...

At the 1979 International Exhibition of Groundsmanship (at the University of London Athletic Ground, Motspur Park, New Malden, Surrey, 11 — 13 September) there will be a number of new exhibits.

An advanced 5-unit hydraulic gang mower trailer has been produced by Lloyds & Co. of Letchworth. One particularly topical feature is its reduced tractor fuel consumption. Because of its low weight trailer and mowers — which are exceptionally robust units — the development will also maintain good cutting speeds compared with other forms of tractor mounted multiple gang mowers, and will have minimal time out of action in the event of accidental damage. The trailer is designed to carry 30" or 36" Leda standard gang mowers or 30" Leda giant mowers. The tractor can be released for other work within two minutes. The trailer can also be supplied with a Landrover. Other features are separate hydraulic rams for raising and lowering each unit; easy accessibility to all units for lubrication and adjustment of cutting mechanism; unit positioning avoids flattening the grass before it is cut; and safety locks are fitted to all units for road travel.

Turner International (Engineering) Limited are showing their new 72 Heavy Duty Turbomower which is 72" wide (1.829m) and built to meet the demand for an even tougher machine. The very heavy construction enables it to tackle the most arduous conditions in forest, scrubland and open sites.

On the Sisis Equipment stand there will be the new Truplay development for the one-pass restoration of hard, porous, playing surfaces, and the Sisis Maxireel, a 30" Power Propelled Pedestrian Controlled Cylinder Mower which incorporates a 10" diameter cylinder, two forward and one reverse gears for extra manoeuvrability, large diameter ground wheels to facilitate easy curb mounting and a built-in, drive-cut-out safety device.

British Seed Houses will be mounting a special display of sportsground perennial ryegrasses which will include mixtures containing their new perennial ryegrass S50.

Hurst Gunson Cooper Taber intend to exhibit a comprehensive range of amenity grass seed mixtures and show a number of demonstration plots of live turf. Also featured will be an area of turf of the new perennial ryegrass Hunter, together with the new Bransum smooth stalked meadow grass. Among the key attributes of Hunter are its fine leaves, fast germination, rapid development, dense sward, resistance to wear, drought tolerance, slow growth and superb colour.

The greatest number of introductions is planned by plant breeders Mommersteeg International with a new perennial, red fescue, creeping bent and timothy. Royal is a perennial ryegrass developed for winter sports which enjoys an outstanding colour; Manoir also has an outstanding colour and is one of the new slender red fescues; the superior new creeping bent is called Carmen; and the timothy is Ramona, claimed by the company to be equal to S50 in turf quality and disease resistant but better than S50 in wear and drought tolerance and eminently better suited for use in mixtures with perennial ryegrasses.

CHELWOOD TOOLS

Chelwood Tool Company will be exhibiting their comprehensive range of specially designed rakes, covering all aspects of ground work, including the popular and well proven landscaping rake, grass leaf and stone rakes, ditching rake, and bunker and sand rakes.

The company has gained considerable recognition for the quality, durability and design. Eight different types of rakes will be on show this year, including the 1973 Motspur Park award winner, the No. 6M bunker rake.
VENUE
Dorchester Suite
PENNS HALL HOTEL
Penns Lane
Sutton Coldfield
West Midlands
9th October 1979

SYMPOSIUM THEME
Methods and Management for International Golf Greenkeeping

This Symposium should not be missed, since it covers problems and solutions encountered in the U.K., U.S.A., Canada, and Europe—exchanges of ideas can only benefit all greenkeepers.

SYMPOSIUM PROGRAMME
Throughout the day guest speakers will be delivering papers essential to good management and greenkeeping.

Topics covered will be as follows:

‘Canadian Golf Superintendent—his responsibilities and how he operates.’
James A. Wyllie, Director Canadian and American Golf Course Superintendents Association.

‘Golf Course Water Management—Conservation, Irrigation and Drainage.’
Colin Head, Technical Director, Chipmans.

‘Opposing Schools of Thought on British Greenkeeping.’
Jim Arthur, Agronomist to the Royal and Ancient Golf Club.

‘Green Construction, particularly the U.S. Superintendents Specification.’
Charles H. Tadge, President, Golf Course Superintendents Association of America.

Coffee, Lunch, Tea and Question Times will naturally fall between each paper.

Registration Fee of £10.00 includes morning coffee, buffet lunch, afternoon tea and a bound copy of all papers. Write to:
B.G.G.A. CONFERENCE, 7 TENTERGATE CLOSE, KNARESBOROUGH,
YORKS HG5 9BJ TEL: 0423 863851
3rd International Greenkeepers and Superintendents Golf Tournament

WALSALL GOLF CLUB 10th OCTOBER 1979

INTERNATIONAL GOLF TOURNAMENT
WALSALL GOLF CLUB
10th October 1979

Walsall Golf Club is the host for this important event in the Golf Greenkeepers Association Year.

Teams from all over the world will be playing for the coveted Ransomes Silver Salver over 36 holes and if previous Tournaments are anything to go by competition will be keen and the excitement high.

The countries sending teams include Canada, Wales, U.S.A., Scotland, England, Eire, Belgium, Northern Ireland and a European Team.

It will be a great day out so why not come and give encouragement and support to your team.

Don't miss these important events in the Greenkeepers Calendar.
It's the little things that make the difference.

Ransomes Golf Accessories

- Putting Green Markers
- Large Tee Markers
- Flag Poles
- Direction and Rule Signs
- Putting Cups
- Quick Change Flags
- Individual Club Designs
- Tee Plaques

Ransomes Grass Machinery (Scotland) Limited
St. Ninians Road, Corstorphine, Edinburgh EH12 8AN.
Tel. 031-334 2261.
£300 PRIZE DRAW

The Institute of Groundsmanship has arranged a Prize Draw at this year's International Exhibition of Groundsmanship (11 – 13 September 1979) with a top prize of an expenses-paid visit to Holland. Other prizes include a free lawn, garden seeds, and cash vouchers worth a total of £300.

Tickets are £1 each and will be available throughout the Exhibition from the Institute tent at 4 pm on Thursday 13 September 1979. All proceeds are in aid of the Milton Keynes Development Fund.

The Prize Draw is being organised and sponsored by Mommersteeg.

STRI JUBILEE

The Sports Turf Research Institute celebrated its Golden Jubilee recently at the St Ives Research Station, Bingley. The Institute was founded in 1929 by the four national golf unions to promote improved maintenance of golf courses although since then its work has grown to encompass all amenity grassland and non-turf sports areas.

For three days 55 suppliers took exhibition space over a large area of the grounds. The event was held on Wednesday, Thursday and Friday, 20, 21 and 22 June, and whilst it was obviously not possible for groundsmen or greenkeepers to be anywhere on a Friday other than tending their golf courses or sports facilities, the attendance on Wednesday and Thursday did not do justice to the extensive efforts on behalf of the STRI and the exhibitors to provide an interesting day.

In relation to the exhibits two papers were presented by staff of the Institute, one entitled "Grasses for Sports Turf" by J. P. Shildrake and one "Modern Sports Turf Drainage" by J. R. Escritt.

For those who had not previously visited them the grass trials on the experimental ground were open to the public with qualified staff answering questions at each of the 14 demonstration points.

For all those groundsmen and greenkeepers in the North who complain bitterly that Motspur Park is too far to go for a day's outing they wasted a very good opportunity to see many of the suppliers who would normally be at Motspur in their own back garden.

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Twose Turf Conditioner
Sub-Airs
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TOP DRESSING
1 Green accurately in 10 minutes.
Mounts on Truckster Chassis

SPREADING
Spreads 40' wide

QUICK AERATING. 18 Greens in half a day.
Deep slicing, coring, or open spoons.

SPRAYING. 18 Greens in 2 hrs.
Precise spraying rates.

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The 34th Annual International Exhibition of Groundsmanship

at the University of London Athletic Ground
Motspur Park, New Malden, Surrey.

11th – 13th September 1979

10 a.m.–6 p.m. Tuesday, Wednesday
10 a.m.–5 p.m. Thursday

- technical, advisory and educational displays
- practical demonstrations and talks
- over 200 trade exhibitors
- Europe’s top groundsmen in attendance
- the latest developments in machinery, equipment, supplies, services

The Main Event for the Professional Groundsman
Just 10 miles from central London

By rail – Waterloo to Motspur Park (20 minutes)
By road – turn off the A3 (Kingston By-Pass) at the Motspur Park spur.

Entrance by Catalogue (50p). Complimentary admission to IoG members.

The Institute of Groundsmanship
108a Chessington Road,
West Ewell, Surrey KG19 9UR.
Telephone: 01–393 8027

The 35th Annual Exhibition will take place at Motspur Park from 9th – 11th September 1980
Turfgrass Symposium

The Fourth British Turfgrass Symposium organized by the BGGA will take place at Penshall Hotel, Sutton Coldfield, West Midlands, on Tuesday, 9 October. The theme for the 1979 event is “Methods and Management for International Golf Greenkeeping”. The speakers will be:

Mr James A. Wylie, Director of Canadian and American Golf Course Superintendents Associations. Subject: Canadian Golf Superintendent: his responsibilities and how he operates.

Mr Colin Head, Technical Director of Chipmans. Subject: Golf Course Water Management — Conservation, Irrigation and Drainage.

Mr Jim Arthur, Agronomist to the R & A. Subject: Opposing Schools of Thought on British Greenkeeping.

Mr Charles H. Tadge, President of the GCSSAA. Subject: Green Construction — particularly the US Superintendents' specification.

Cost of attendance will be £10, covering morning coffee, lunch, afternoon tea and a bound copy of all papers presented at the symposium. Previous symposia organized by the Association have been highly successful and it is hoped that as many members as possible will support this year’s event.

At the time of writing 26 golf course suppliers have agreed to co-sponsor the 1979 symposium and will have displays of literature and attendance staff to answer questions put by greenkeepers and groundsman.

We publish a map showing the location of Penshall Hotel both in relation to the local area and the best possible route from other parts of the country.

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We publish a map showing the location of Penshall Hotel both in relation to the local area and the best possible route from other parts of the country.
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A vacancy with a future.

required to assist in the supervision and maintenance of a top quality golf course. Previous experience and knowledge of modern golf course machinery is essential.

Excellent salary and prospects.

Apply: The Secretary, DYRHAM PARK COUNTRY CLUB, Galley Lane, Barnet, Herts.
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Invite applications for the position of COURSE MANAGER/HEAD GREENKEEPER

For their championship qualifying course. The person appointed will be responsible for the maintenance programme and must be experienced in both Greenkeeping and Management. Salary negotiable. Free accommodation plus other attractive benefits. For 18 hole Golf Course with modern machinery and sprinkler system. The position will be filled by a man who possesses much practical experience and mechanical knowledge. Salary negotiable but not less than £4,500 per annum. Two bedroomed flat will be provided rent free on a service tenancy.

Applications, which will be treated in confidence to:- The Manager, FULLWELL GOLF CLUB, Hampton Hill, Middlesex, TW12 1JY.

HEAD GREENKEEPER

For 18 hole Golf Course with modern machinery and sprinkler system. The position will be filled by a man who possesses much practical experience and mechanical knowledge. Salary negotiable but not less than £4,500 per annum. Two bedroomed flat will be provided rent free on a service tenancy.

Applications, which will be treated in confidence to:- The Manager, FULLWELL GOLF CLUB, Hampton Hill, Middlesex, TW12 1JY.

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To take charge of Heathland Course. Modern Equipment, Automatic Watering.

Whilst no accommodation is available this or travel allowance will be reflected in salary negotiations.

Applicants are invited to write giving full details of past experience together with two supporting references to:- THE HONorary Secretary, BEAU DESERT GOLF CLUB LTD, HAZELS LANE, HEDNESFORD, STAFFS.

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FULLY EXPERIENCED GREENKEEPERS

Excellent wages and conditions. Non-contributory pension scheme. All modern equipment and machinery.

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QUALIFIED AND EXPERIENCED HEAD GREENKEEPER

Offers advice and/or instruction on all aspects of turf culture i.e. design, layout, construction and maintenance. Consultants' experience or practical work undertaken, also full-time temporary positions considered for further information contact:

Mr. A. Black
48 Spooner House
Ferrow Close
Heston
Middlex
Tel: 372 6607

I would like to say a big thank you to Tom Watt for his contribution to the welfare of the Section in the past five years. I trust another of our members is prepared to step into Tom's shoes and break that awful silence which seems to descend on our audience the very instant that those magic words "Any Questions?" are uttered at our Winter lecture evenings.

Finally, we are pleased to welcome the following new members and we hope their association with us will be a long and happy one: Mr. J. R. Dennis (Shropshire College of Agriculture); Mr. A. Archer (Meyrick Park); Mr. M. Cupitt (Andover); Mr. R. Gray (Broadstone); Mr. M. Smith (Corhampton); Messrs D. Stevens, V. E. and V. W. Tier (Merion Valley); and Mr. C. Tozer (Bridport and West Bay).

The Autumn Tournament is to be held at the Coventry Hearsall Golf Club, Beechwood Avenue, Coventry on Monday 8 October, assembling for 9 am. Members wishing to play in this competition please tell me not later than the last day of September. I will assume members who play will be having meals unless they inform me otherwise well in advance.

Note from Hon Treasurer

Members who have not paid their subscriptions already are reminded that a £1 fine will be added to their outstanding debt if they have not paid by 1 October 1979.

The Summer Tournament was played at Habberley Golf Club on Monday 9 July 1979 over 18 holes medal play. The scores and prize winners were as follows:

1st—Nett, A. A. Kite, 66 (Back 9) (Habberley Cup, picnic basket + Sweep); 2nd—Nett, A. Phipps-Jones, 66 (Summer Cup, head covers + Sweep); 3rd—Nett, T. Dorrell, 67 (bottle whisky); 4th—Nett, J. Borgia, 68 (bottle gin); 5th—Nett, V. Smith, 70 (Back 9) (bottle whisky); 6th—Nett, M. Hughes, 70 (bottle sherry); 7th—Nett, E. K. Evans, 70 (half bottle whisky); 8th—Nett, E. Thomas, 71 (half bottle gin); 9th—Nett, A. Graizer, 71 (half bottle gin); 10th—Nett, R. Chandler, 72 (half bottle gin); 11th—Nett, R. Pullen, 73 (Back 9) (bottle sherry); 12th—Nett, A. Cutler, 73 (bottle white wine); 13th—Nett, P. Thurfield, 73 (bottle wine); 14th—Nett, J. Hughes, 74 (Back 9) (100 cigarettes); 15th—Nett, D. Dorrell, 74 (golf glove); 16th—Nett, B. Wood, 74 (100 cigarettes); 17th—Nett, D. Keen, 75 (Back 9) (bottle wine); 18th—Nett, N. Pullen, 75 (pen knife).

Visitors Competition: 1st L. Pettit, 70 (bottle wine + Sweep); 2nd G. Willington, 75 (3 golf balls).

Our sincere thanks to the following donors of the splendid array of prizes: Habberley GC, Mr.
NORTHERN

Chairman: COLIN GEDDES
Moor Allerton Golf Club
Hon. Secretary: W. HEELIS
7 Tentergate Close
Knaresborough, Yorks.
(Tel: 0423 863851)

Fifty Up!
Any visitor to the STRI Golden Jubilee Event could not fail to be impressed by its presentation.

On show were over fifty trade exhibits of varying size and subjects each one gleaming for two of the three days at least — in the June sunshine. By no means the least of these was our Association stand manned by the irrepressible Walter Heeles and Colin Geddes.

A steady stream of BGGA members showed up some from local spots others from longer distances.

STRI must be congratulated for staging the show. The effort which had gone into its production was obvious and worthy of praise. We hope the future of the Institute is well fixed for many years hence.

SOUTHWEST

President: J. WILCOX
Hon. Secretary: I. F. SCOOINES
Fallow Lawn
Failand
Near Bristol

On Tuesday, 24 July at Tracy Park Golf and Country Club the John Irland Pairs Trophy was played for and the following were the results:
1. B. Reeves. L. Carless. 78g — 72 nett; 2. P. Cox, C. Kenyon. 96g — 78 nett on the last 6; 3. D. Elliott. M. Gray. 90g — 78 nett.

The prizes were presented by W. Payne, President.

May I on behalf of the Section thank Mr Seymore-Williams, secretary, for his hospitality in allowing us the use of the course and club house. Our thanks to Mr D. Elliott, head greenkeeper, and all the staff for their hard work.
We would also like to thank the trade reps for their attendance and their prizes.

The day turned out to be hot and dry which seemed to make those Chiltern Hills more like Snowdonia, but I must admit to thoroughly enjoying my golf, thanks to the company I played in. Captain of Royston, Geoff Drewery, turnover out to be a very mean 12 and playing off 20 was John Culerton, a guest from Braintree, and both these players incidentally came in 1st and 2nd respectively. Well played chaps, which brings us to the winning greenkeeper. It is my duty and pleasure (delete pleasure), it is my duty to announce that the winner of the Atco Cup was none other than your friend and his Dave Jones, second was Doug Neville and third Steve Noye. How that name of Noye keeps cropping up, but nevertheless that did not deter any of us from enjoying our drinks and chats in the evening. I personally think that the Captain and his delectable wife Gillian made the evening as enjoyable as I can remember any of these evenings to be.

The fact that we had about 70 miles to go home brought the day to an abrupt end.

I hear from our Vice-President John Moyce that Mr Goddard is up and about again round his course at Bury St Edmunds; that's good news. I was also told of a few changes going on around the courses in the area regarding movement of manpower, even we will shortly be saying farewell to Ron Ramsey, due to retire around October time. A BGGA member but never once has he been to any of our functions, worked all these years on a golf course, but has never played the game of golf; that must be some sort of dubious record, surely. I suppose you must associate that with seeing Blackpool without its tower, or even Morecambe without its pier. We welcome new members in the shape of K. S. Stearn of Spalding, Lincs.; T. R. Forrester Muir of Great Totham, Nr. Malden, Essex; R. Moreton of Bishops Stortford, Herts.; and E. J. Gould of Stanford-le-Hope, Essex. A belated welcome to you all and hope to see you all at our forthcoming tournaments. It's noticeable some of the regular faces have been missing of late — where are you Messrs. Arbon, Plummer, etc. etc?

Well, by now I should think we have all recovered from our day at Royston. What a course that turned out to be. I've played 36 holes on my course and haven't felt as tired as I did after 18 at Royston, it sure sorted out the fit from the frazzled.

Things began to go wrong when I as navigator sent our car heading in the wrong direction, thereby adding about 15 miles on our trip. So what, I wasn't born to be a Sir Francis Chichester.

September 1979
Our annual match against the South Coast was played on 9 July at the Alresford G.C. We would like to thank the club for the courtesy of their course and clubhouse and the warm hospitality extended to us by the South Coast team. The course was in excellent condition and the meal most enjoyable. In welcoming us to Alresford, Eric Jones remarked on all the new faces in our team but remember, Eric, we in the Southern Section can't go on as long as you old-timers in the South Coast, anyway, some people do have work to do! I am pleased to report that the result of the match was a resounding victory for the Southern Section by five matches to one with two halved, thus retaining the cup for another year. Next year's match will be played at Woodcote Park G.C. at a date still to be arranged.

Congratulations
All members and friends of Archie Creese will be pleased to hear that he has been promoted to the rank of sergeant in the Chelsea Pensioners. Archie is in charge of the bowling greens at the barracks but still takes an active interest in our greenkeeping tournaments and indeed had a fine win in our match against the South Coast.

Secretaries Match
Our annual match against the Secretaries is on Wednesday, 3 October at Sandy Lodge G.C. This is a 12-a-side so any member wishing to play should contact Derek Gould.

Ransomes Trip
As reported in last month's journal this is a two-day trip on Mon. 5–Tues. 6 November, so send your name and deposit of £10 to Derek Gould.

1st Winter Lecture
Date 17 October at our new address, i.e. The Sesame Club, 49 Grosvenor Street, W.1.

Other lecture dates
7 November, 5 December, 9 January, 6 February, 5 March.

**Southern**
Chairman:
R TEMPEST
Secretary:
D GOULD
Langley Park G.C.
Beckenham
Kent.

Match v South Coast
Our annual match against the South Coast was played on 9 July at the Alresford G.C. We would like to thank the club for the courtesy of their course and clubhouse and the warm hospitality extended to us by the South Coast team. The course was in excellent condition and the meal most enjoyable. In welcoming us to Alresford, Eric Jones remarked on all the new faces in our team but remember, Eric, we in the Southern Section can't go on as long as you old-timers in the South Coast, anyway, some people do have work to do! I am pleased to report that the result of the match was a resounding victory for the Southern Section by five matches to one with two halved, thus retaining the cup for another year. Next year's match will be played at Woodcote Park G.C. at a date still to be arranged.

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**Northern West**
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JIM ROBINSON
"Bickley"
Allithwaite
Grange-over-Sands
Hon. Secretary/Treasurer:
D. F. GOLDING
38 The Grove, Flixton
Manchester M31 3JH
(Tel: 061-748 8592)

Autumn Tournament
Our 1979 Autumn Tournament will be held on Monday, 8 October at Warrington Golf Club, Cheshire. My thanks to the Captain and Council of the club for granting us the use of their facilities. Entries should be sent or phoned to me by the end of the month if possible, so I can indicate to the caterer the number of meals required. As usual it will be 27 holes Medal for members and 18 holes Medal for Vice-Presidents, guests, etc.

Annual Trip
Anybody interested in the trip to Ransomes on Wednesday, 17 October to return the following day, will they please give me a ring as numbers are very limited. The cost should be between £15–£20 per member inclusive of coach and board.

My thanks to Burrows of Leyland for offering to pay half towards the cost of the coach: when you think that the total cost will be over £250 this is a very kind gesture.

Annual Dinner Dance
For our 1979 Dinner Dance we return to Dean Wood Golf Club, Up-Holland, members who attended the dance two years ago will remember what a very enjoyable evening it was. Once again the club have welcomed us back and I hope we can have another successful evening. More details later regarding cost but the date is set for Friday, 2 November.

New Members
It is my pleasure to welcome some more new members to our Section and I hope their association with us will be a long and happy one: J. Bailey, Lowes Park GC; K. Barker, Ingol GC; M. P. Goodhind, Macclesfield GC; T. N. Jones, Keswick GC; P. J. Medcalf, Royal Lytham GC; T. O'Brien, Royal Birkdale GC; P. Whitby, Ilmm GC; F. Wynne, Fairfield Golf & Sailing Club.
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The Greensward Company, The Old Hall, Langham, Oakham, Rutland, Leicestershire LE15 7JE. Tel: Oakham (0562) 2923 & 56031. Telex: 34362 Greeco G.

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"AJAX" brand bunker rakes, also traditional wooden grass and leaf rakes. From your local supplier, or T. Parker, or contact Whelnetham Woodwork Ltd, Bury St Edmunds (028 482) 630.

## Worcester Park, Surrey.
Tel. 01-337 7791. Wooden grass and leaf rakes. From your local supplier, or T. Parker & Sons (Turf Management) Ltd, Featherbed Lane, Bramford, Ipswich, Suffolk IP8 4BZ. Tel: 0483 38444. Contact: R. F. Cook.

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Maxwell M. Hart (London) Ltd. Winnersh, Wokingham, Berks RG11 5HF. Tel: Wokingham (0734) 786565.

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## Flags
Bridges Pennants, 68 Southchurch Avenue, Southend-on-Sea, Essex SS1 2RR. Tel: 0702 612344. Flags, PVC Flag Poles, Signs & Tee Equipment.

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## Grass Management Equipment

## British Seed Houses Ltd
British Seed Houses Ltd, Bewsey Industrial Estate, Widnes, Cheshire WA5 5LE. Tel: Bewsey Industrial Estate (0925) 5411. Order and Enquiries Contact: Mr. R. Saunders.

## British Seed Houses Ltd
British Seed Houses Ltd, 37 Five Mile Drive, Oxford, Oxon. Tel: Oxford (0865) 50702. Advisory Service and Enquiries Contact: Mr J. H. Franks.

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## September 1979 29

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