From the increasing pre-occupation of greenkeepers, course developers and pundits generally with the subject of water, golf could perhaps light-heartedly be classed as almost an aquatic sport.

Certainly a drought can change the whole playing complexion, whilst at the same time being responsible for serious turf deterioration. Yet a high proportion of courses in the UK lack any adequate water storage, though drought conditions continue, with last year's rainfall being the lowest since 1976. It is understood that a licence application may well fail if water storage is not provided. Indeed, abstraction of water may be prohibited for periods as much as three months.

The National Rivers Authority therefore encourages on-course storage. The average use of water on a course for greens and tees is some 20,000 gallons per day, say four million gallons over seven months. Virtually no rain at all would mean relying on finding something like five million gallons.

The cost of abstracting water from borehole or stream is given in pounds per million gallons:

<table>
<thead>
<tr>
<th></th>
<th>WINTER</th>
<th>SUMMER</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wessex</td>
<td>17.73</td>
<td>53.19</td>
</tr>
<tr>
<td>South-West</td>
<td>29.52</td>
<td>39.36</td>
</tr>
<tr>
<td>Southern</td>
<td>59.46</td>
<td>336.96</td>
</tr>
</tbody>
</table>

Cost of abstracting water from main supply = £2350 per million gallons.

Water storage, now of increasing importance in course irrigation, fits neatly into the operations of OCMIS Irrigation, the Martock, Somerset based company who have enjoyed considerable success as irrigation specialists in agriculture and fineturf.

Their infrastructure includes expert consultation and design and in keeping with their policy of keeping abreast with the latest developments they monitor and study the subject world-wide.

An immediate plus is their close affinity with the water companies, which at first might appear routine enough, but in reality means a saving of several days of reconnaissance and consultation, mapping out the nearest boreholes etc. and having access to records. Liaison with the electricity companies is equally well advanced in facilitating sources of single-phase power where three-phase is not available.

The use of attractively landscaped lakes as storage is one possibility where there is enough water available for topping-up purposes, another being the use of special irrigation tanks.

Such tanks need to be well sited, either above or below ground level.

It is in this respect that OCMIS have achieved great success in agriculture and are on course to repeat this in golf, where almost a month's supply of water can be easily stored on or adjacent to the course.

Joint Committee sets out to improve the lot of the greenkeeping profession

The great cause begins

The R and A creation of the Joint Golf Course Committee is a major boost to the well being and future of the greenkeeping profession. With the formation of this committee the R and A have extended their horizons beyond the playing of the game into concern for the surface upon which the game is played.

The message to greenkeepers is that help is coming to them in a way that could not have been imagined as little as five years ago. But for the intervention of a green committee chairman, the much acclaimed discussion document 'The Way Forward' might never have seen the light of day.

Thanks also to the ghost of Old Tom Morris or someone of that ilk, Eddie Park took his duties at Lindrick Golf Club seriously. Devoted to the teachings of Jim Arthur, then Championship Agronomist to the R and A, Park saw his problems as endemic to the game. As the Lindrick course gradually gained its self respect, so the great cause began.

Armed with this experience and knowing the extent of the problems by personal visits to the many Clubs around the British Isles, Eddie Park approached the Home Unions for their support. With little prompting they readily agreed and the R and A gladly pitched in.

Number one priority for this Joint Committee is to find ways to improve the lot of the greenkeeping fraternity. This will be by way of enhancing educational opportunities, recruitment policies to encourage quality entrants into greenkeeping and provision of higher technical standards. This technical knowledge will come out of the committee's panel, which will be a gathering of the best minds specialising in the likes of agronomy, science, course design, nature conservancy, environmental issues and allied subjects. The Sports Turf Research Institute will be highly visible in these deliberations.

Greenkeepers can only benefit from these initiatives. Independent voices and influential organisations will be speaking and working on their behalf. There will be little need for greenkeepers to blow their own trumpets. The policy shapers for the future of golf courses in Britain and Ireland will be Tim Taylor, R and A; Peter Wilson, English Golf Union; Gerry O'Brien, Golfing Union of Ireland; Lindsay Stewart, Scottish Golf Union; and John Vaughan Evans representing the Welsh Golfing Union. The ultimate philosophy is that greenkeepers deserve more attention and support, not to forget consideration. Club members will have to understand that if they want good looking courses, playable 12 months a year with no temporary greens (barring Mother Nature) and no mats on tees, they will have to start backing the greenkeeper like never before. Everything to do with providing all golfers with the best possible playing conditions at the most reasonable cost on traditional British courses will be addressed by the Joint Golf Course Committee. BIGGA will play a major role. Keep a watchful eye in Greenkeeper International for further reports.

by ERIC SHIEL