patchy germination on greens.

Although inevitably very young, the course opened for limited play at the end of September and was played throughout the winter, only closing on one day when covered with snow. The greens came through remarkably well and are now improving quickly with the spring growth.

Because of the need for cover, the greens were fed with high nitrogen fertiliser until the end of October and we were on guard for disease problems. In the event, we had little disease although it was often a damp winter.

In November, we constructed the nine-hole par 3 and had the greens ready for sowing at the beginning of December. Wanting to speed the growing in of the greens, I decided to sow at once with pre-germinated seed and cover the greens with gro-cover. We sowed the second week in December but were only able to get the covers on two greens because of heavy rain. The seed germinated anyway due to the mild wet weather and by the middle of January we had a light cover. At the end of February we commenced feeding and in March we were able to start weekly mowing. This has gained us several months on the greens.

If we can continually work on just these three points, I am certain we will be held in much higher regard by our employer and even the general public – that way the greenkeeper, who in my experience always puts pride in his work before all else, will be rewarded with higher esteem and a better salary. He will then give a far superior service and therefore better product, ie golf course.

### CONTROVERSY OF THE CONFERENCE

You would imagine that one of the 17 talks would have provided the most controversy. But, no, it was the sixth to last question at the quiz night. The question was: How many broken clubs can a golfer replace during each round? Most contestants said none, but the answer Trivial Pursuits gives is one. We checked with the R&A who said: "As many as you like provided they were broken DURING THE COURSE OF NATURAL PLAY. Thus, if the player swings at a ball and wraps his club round a tree in the follow-through, he can replace it. But, if he swings and misses and wraps his club round the tree in temper, he can't. If a golf cart runs over his bag and breaks all his clubs, he can get a new set. If he chucks the bag in a lake, he can't.



David Oatis, director, green section Northeastern Region, USA

What can be done to avert a disaster, such as massive loss of turf? The first step is to take an offensive approach rather than a defensive one. Act, don't react. Call in appropriate consultants and begin a fact-finding mission. Analyse the course's strong points as well as its weak ones. Look for potential problems in the water management systems, including irrigation and drainage, since failure here guarantees turf loss. Examine the growing environment around greens and tees. What is the air circulation situation like? Are trees becoming a problem? Is the majority of the turf the best-suited species or variety? Does your turf have a reasonable chance for survival if the weather becomes unfavourable? All of these questions need to be answered before a plan of attack can be devised.

The golfers must be kept well informed. New programmes are more readily accepted by those who understand why failures occurred and what is being done to prevent them from recurring. They should be made to feel part of the decision-making process. Do not be surprised if the problems are complex and cannot be solved by a single solution. Usually, a variety of factors are involved. Don't fall into the trap of looking for a painless solution to your course's problems. It is very rare for a single piece of equipment, soil additive, growth enhancer, pesticide etc to turn a programme around. Severe problems rarely develop overnight and solutions require time, funding and patience to work effectively. In short, do not wait for disaster to strike, anticipate it. If disaster has already struck, use it to help sell the necessary corrective programmes. Don't be afraid to look at a bad year in a good light and use it to the golf course's advantage.



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H. PATTISSON & CO LTD, 342 SELBOURNE ROAD, LUTON, BEDS LU4 8NU TEL: 0582 597262 FAX: 0582 505241, hy would Peter Oosterhuis, once one of the biggest names in European golf, leave the Hollywood set at the prestigious Riviera Country Club in Los Angeles for a pay-and-play course on a former rubbish tip near Heathrow Airport?

Because Stockley Park is special.

It is a Robert Trent Jones Senior design. It has USGA-spec greens and tees, and wall-to-wall irrigation. Set in the middle of a 250-acre country park, the 18-hole course is owned by the London Borough of Hillingdon but run by the PGA European Tour, Mark McCormack's International Management Group and Stockley Park Consortium, the developers of the course and nearby business park.

And although it opened less than a year ago (last June), it has staged a Challenge Tour event and it is set to host a Senior Tour competition.

"The intention is to have a great golf course that anyone can play," says course manager Cameron McMillan, the youngest of Jack's sons.

### **Furniture and fittings**

Because it is new and different, we thought we'd use it as our case study for our annual course furniture and fittings feature.

There is nothing too fancy here because the 6723-yard course is in the middle of a public park and things could easily get stolen or vandalised.

What they have got that's a bit different is EC regulation signage warning pedestrians of golf in play, horses, vehicles crossings, not to swim in the three lakes, keep to the footpaths etc. These signs have standard colours (like road signs) and pictures as well as words for the ethnic minorities who don't speak English. There are also signs telling horse riders to keep to the bridlepath and



Some of the 30 signs at Stockley Park



# Sign of the times



telling dog owners where they can exercise their pets. One particularly interesting idea is information boards telling everyone about the wildlife and trees in the park.

Hole information is carried on 2ft high 'telegraph poles', but Cameron is thinking of replacing these because the elm wood is splitting and Peter thinks they're intrusive. They would prefer plates set in the ground.

Also on the tees are pineappleshaped tee markers. There are eight ball washers on the course and half a dozen rubbish bins in addition to the bins in the park. There are no benches for golfers, just for the public in the park.

The park was built to gain planning permission for the business park. Having an upmarket business park, Stockley Park Consortium decided to build an upmarket golf course next to it as part of the country park. London Borough of Hillingdon sold the landfill site to the developers for £1, they developed it and sold it back for £1. Once handed over, it was then leased to Stockley Park Golf, which is made up of Stockley Park Consortium, the PGA European Tour and International Management Group, for 25 years.

The developers used gravel and London clay from the flat site for the business park, when construction began in 1985. The holes created were filled in with rubbish from the business park area. The capping was taken off and more landfill was put on top of landfill to create the contours Robert Trent Jones Snr wanted. The site was then recapped.

They knew the landfill would generate methane for 10-15 years so they installed a methane extraction system which sucks methane to the far end of the golf course and burns it off – enough to power a 1 megawatt generator for ten years but the cost of building and running a generating plant was too prohibitive.

### **Transition layer**

The golf course construction continued with the creation of a "transition layer" (subsoil) upon which man-made topsoil (a mixture of the original capping material and sewage sludge) was put. This is proving to be a very good growing medium: "We'll have to cut the fairways daily in the summer," says Cameron. Because it was man-made, they had to "plant" 1.5 million non-casting earthworms.

During the construction, 4.5 million cubic metres of material was moved in nine months. To get a better idea of how much earth this is, imagine a one acre base with all this soil and rubbish piled on top – it would be higher than Mt Snowdon.

Once the land had been shaped, approximately £3.5 million was spent turning it into a golf course. The fairways and rough were seeded with perennial ryegrass and smooth stalk meadow grass, the tees with

perennial ryegrass, smooth stalk meadow grass and fescue, and the greens with Colonial bent/fescue. *Poa annua* found its own way there – "I inherited that," Cameron is quick to point out.

140,000 indigenous trees were planted – a mixture of fast and slow-growing species. The course also has 56 bunkers (large and unusual shapes, as you'd expect from an American architect).

The tees and greens were built to US standards, so they need a lot of water and feeding, but



Cameron McMillan, right, with Peter Oosterhuis. Top: an aerial shot of the course

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Information boards tell parkgoers all about the trees and wildlife.

they've stood up well to more than 25,000 rounds in their first year. Water for the greens, tees, and fairways comes from a Rainbird system supplied by one bore-

So that is how the golf course was born. Or to be precise, a golf course, £1m clubhouse, nine football pitches, a district park with picnic areas, bridlepaths, and footpaths.

There is a lot of grass to cut but the only handwork is around bunkers. Ten greenkeepers, including 28-year-old Cameron and a mechanic, look after the site. They contract out the methane extraction and landscaping. Five men look after the trees and are following a "scorched earth" policy regularly spraying off weeds with Paraguat.

Recently, the greenkeepers have been busy REMOVING sand from the bunkers. Cameron estimates they've taken out 700 tons - taking the sand from 1ft deep to 4 or 5 ins. They did six holes in the autumn and the rest in March - "three weeks constantly digging out with an excavator." They will use the excess sand for topdressing the fairways. Another problem with the sand is it is too light and fluffy and for the Challenge Tour competition they had to water it down by hand.

Cameron, a five handicap golfer, has only played the course five or six times. "I've been too busy," he says.

Of the five McMillan sons, all of whom run courses, he has the lowest handicap "but I'm not the best," he says modestly.

Cameron has been a greenkeeper for 12 years, starting as an apprentice under father Jack at Sunningdale. He left there when he was 21 to take charge at Liphook in Hampshire. After two years, he went to Germany and got involved in golf course construction. He also helped build some courses in the UK, including the back nine at Aldwark Manor. After more than three years building courses he returned to management at Laleham GC in Chertsey, Surrey. Then, last June, when Stockley Park opened, the father-to-be moved round the M25 - and was impressed with what he found: the flat landfill site had been turned into a pretty country park with some of the newly-made

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Just some of the 700 tons of sand taken from the bunker

### Fittings and furniture review

### When looking good is par for the course

A polished granite effect yardage marker plinth case, made from tough maintenance free polyethylene which, when filled with sand, gives the same stability as concrete, is available from manufacturers Tacit of Rugby. Tacit also have a new-style ball washer with maintenance free case and an unbreakable tee marker which is domed shaped and made from cast aluminium. Tel: 0788 568818

Geebro claims its Lister range of teak outdoor furniture is the largest in the world. The range covers benches like the popular Mendip, bins, tables, troughs, chairs and picnic suites. Tel: 0323 840771

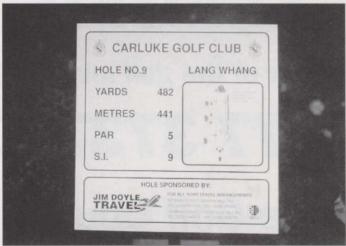


Nicoll Graphics' engraved tee plates use a photo-chemical etching process that allows you to incorporate as much or as little detail you require, eg just distance details or the complete 'stroke saver' type hole plan.

The Liverpool-based firm's markers are chemically etched onto 2-6mm thick metal plates, finished with a coarse stoved paint, graphic detail coloured to your specification and coated with an all-weather fluoropolymer spray. The markers have blind fixings or can be fitted to a West African mahogany board with colourcoded 1in box section steel legs (as shown). Tel: 051 2647331.



BEV Golf Equipment of Penmaenmawr, Gwynedd, are offering golf clubs FREE tee markers and other on-course equipment. They make their money through selling advertising on the equipment. Tel: 0492 622309.



signs in glass reinforced plastic with the designs and text inset

to form an integral part of the surface. Their range covers oncourse signs including tee

markers, directional, instructional and caution signs. Signs are also supplied for car park and club house, as well as one-off panels for leadership boards and other 'specials'. Tel: 0952 541483.



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Duncan Beall, left and Will Laughton discuss the progress of the 17th tee at Rufford Park Golf Centre

# Farmers build course on tight budget

The developers of a new golf course in Robin Hood country have shown that it can be done without robbing anyone.

Will Laughton, one of the farmers behind the Rufford Park Golf Centre in Sherwood Forest, says they spent £350,000 building an 18-hole par 70 course, nine-hole short course and driving range. There is also a 2,300 sq ft clubhouse, which they have deliberately not gone over the top on. "I don't think much money is made in a clubhouse," he told Greenkeper International, pointing out that many recent development failures have been due to lavish clubhouses."

Mr Laughton says that golf course development is the last thing to enter without sufficient capital, but argues that a tight budget is more effective than having unlimited resources: "It means you have to work with the land, rather than against it."

Duncan Beall of Johnsons Seeds, who have been involved with the project from day one, confirms this approach: "I was given two targets: get the seed mixture right and get the price right."

The course, which opens to members in July and other users in August, is built on sandland so Mr Beall looked for grasses that were compatible with the indigenous grasses of the area and which would be resistant to drought.

To meet Mr Laughton's demands, Johnsons Seeds found it necessary to make some compromises but Mr Beall says this did not cause him concern. "We worked together and came up with the right mixture at a realistic price."

With input from the Sports Turf Research Institute, Mr Beall opted for fescue/bent fairways, using a good proportion of Jupiter slender creeping red fescue for drought tolerance and fine leaves.

The course is now complete and Will Laughton and his brother Bruce (who is in charge of course maintenance following some private tuition in greenkeeping) are entirely satisfied with the result. "We researched all over the world before embarking on this project and quickly came to the view that if there was anything we didn't understand, we would pay for professional advice," said Will Laughton.

He says construction consultant David Coussells of Milton Keynes (who worked on the two courses at Woburn) did an excellent job, as did Beall.

"I could have purchased my seed anywhere but I required technical advice throughout the project. Duncan Beall didn't cost anything but in retrospect I would have been willing to pay for his services or to pay more for the seed.

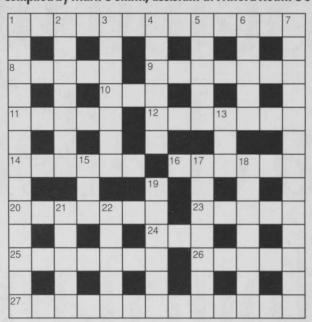
Will Laughton says that in contrast there are some professionals around who work to a formula that doesn't allow for the natural characteristics of a site. "Farmers may not necessarily know much about golf courses but they do know about land."

Rufford Park has achieved its budgeted membership of 500 and will be looking at playing patterns before deciding whether to accept more members.

There is a trend for public courses to act as feeders to more expensive private clubs. However, the Laughtons hope to break the mould by providing facilities that match the best that private clubs can offer. The head greenkeeper is Peter Hunter, who is working on his first golf course but was chosen because of his man management and motivation skills.

### GREENKEEPER'S CROSSWORD

Compiled by Mark G Smith, assistant at Frilford Heath GC



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#### **CLUES ACROSS**

- 1 Golf competitions beyond the level of tournaments (13)
- 8 Calibrated straight edge in the workshop (5)
- 9 Obtained precisely the best terms for supplies (7)
- 10 Previous name of the Saltex trade exhibition (abbrev). (1,1,1)
  11 Hale .... winner of the 1990 US Open
- (5) 12 ...... GC, Edmond, Oklahoma, venue
- of the 1988 USPGA Championship
  (3-4)
- 14 Initial effect of close mowing and drought on fine turf grass (6)
- 16 The Lapwing or Plover (L Vanellus Vanellus) (6)
- 20 Fertilisers may do it slowly or quickly (7)
- 23 White ..... (L. Cupressus Thyoides) (5)
- 24 Governing body of golf based at The Scores, St Andrews, Fife (abbrev.) (1,1,1)
- 25 Corporate sponsors of the USLPGA Dinah Shore Classic (7)
- 26 Olin ..... US Open Champion in 1934
- 27 How striping patterns render greens and fairways! (4,2,7)

### **CLUES DOWN**

- 1 Last player to achieve back to back wins in the US Open (6,7)
- 2 Blooming (7)
- 3 Grass clippings. Two-balls we hear!
  (7)
- 4 Portland CC, Portland ....., venue of the 1946 USPGA Championship (6)
- 5 A plant stem (5)
- 6 Bury or cover with earth (5)
- 7 Outcome of excessive rainfall (6,7)
- 3 Overall result of the 1969 Ryder Cup Match (3)
- 15 A spring of water to watch (3)
- 17 Local currency in which the winner of the Portuguese Open may be paid (7)
- 18 Ideal driving area to spread wear (4,3)
- 9 To play a provisional ball (slang) (2-4)
- 21 Broad and usually rounded segmental divisions of a leaf (5)
- 22 A Golf Club's staff are its greatest despite never appearing on a Balance Sheet (5)

Solve the crossword puzzle and you could win either a BIGGA blazer (worth £87.95) or £50 in cash! Send completed entries to: Crossword Competition, Greenkeeper International, Aldwark Manor, Aldwark, Alne, York YO6 2NF.

Closing date May 24, 1994. First correct entry drawn after the closing date will win the prize. Photocopy your entry if you don't want to cut up your magazine.

Winner of the March crossword was David Goodchild, first assistant at Ellesborough GC, Aylesbury, who selected a blazer as his prize.

Winner of the April competition was Elliott Small, course manager at Tulliallan GC, Kincardine on Forth, who also chose a blazer.



Name:	
Address:	
If I'm the winner please send me = 650 ca	sh or RIGGA blazer size



BIGGA's 1994 National Golf Tournament, again sponsored by ICI Professional Products, moves to Dartmouth on August 1—3. Chris Boiling met up with head greenkeeper Terry Farkins to discover what's in store

ring plenty of balls with you if you're coming to Dartmouth Golf and Country Club for this year's ICI-sponsored National Tournament. And a scuba diving outfit might not go amiss as this picturesque course boasts seven water hazards, including an irrigation lake that holds 1.5 million gallons.

The tip from head greenkeeper Terry Farkins is: "Don't take your driver out until the 6th." After that the 6663-yard (off the white tees) par 72 course becomes more open.

"Once you've played it a few times you know where to stick your driver in your bag and you know where to get your iron out," says 12-handicapper Terry, who joined the course two and a half years ago halfway through its construction.

When I went down to Devon to see him and view the course, the main thing on his mind was when were his six men going to be paid?

Receivers were called in on March 28 and are running the club for the banks which financed this £6m project. Although there is much uncertainty about the future of the club, Terry has assured BIGGA and ICI that it is "business as usual" and they are looking forward "to welcoming all BIGGA members and feel confident you will all enjoy our superb golf course and leisure facilities."

These facilities include a £4million, 40,000sq ft clubhouse on an elevated position overlooking the 18th green and surrounding South Hams countryside. On the ground floor of the clubhouse is a leisure club with swimming pool, sauna, steam room, jacuzzi, solarium and gymnasium. On the top floor is a conference/function suite that can seat 300 delegates or guests.

a local property developer's dream. Ralph Hitchens, a keen golfer, wanted to build something special. He's done that, although he's no longer involved to take advantage of it.

Ralph bought the land, which is five miles west of Dartmouth, from three farmers. Englishman Jeremy Pern was brought in to design his first UK course. A massive earthmoving programme went into action and, a year later, race ace Nigel Mansell, the club's first president, opened it in August 1992.

There are 27 holes, 18 of which make up the Championship course with the other nine being an easier Club course. All the greens were constructed to a USGA spec. The front and back nines of the Championship course are very different. The first holes are very picturesque with several man-made valleys to drive through and lakes to hit over. The back nine are more "linksy", set 500ft above sea level with man-made mounds framing the fairways.

There are just over 50 bunkers on the course but some are very big. One bunker on the 9th required 100 tons of sand.

Terry's favourite holes are the 4th, 5th and 18th.

The 4th is 491 yards off the white tees, through a valley with a lake near the green. "If you get a par 5 you can be really pleased," he says. "With the water, it's easy to walk off the green with a 10 on your card."

His tip is to take two 4 irons and then an 8 or 9 iron.

The 145-yard 5th is a very pretty hole. Sitting in a valley, the green butts onto a

lake. When we were there, the pin was very close to the edge of the lake – and Terry says it's one of only a few pin positions possible on this hole because of the size and contours of the green.

The 18th is a spectacular finishing hole requiring a 214-yard tee shot over a lake to a green guarded by three bunkers. The tees are terraced into the hillside opposite the clubhouse.

At Dartmouth there are four sets of tees on each hole – red, blue, white and gold. From the gold tee, the 18th measures 244 yards. When the gold championship tee is used on the 10th, it completely changes the hole. From this tee the drive must carry 190 yards over a wood-filled valley (home to several badger sets) to reach the landing area. A sheer rock face borders the fairway to the left, whilst to the right the valley plunges away to a stream. A good drive on this 407-yard par 4 is rewarded with a comfortable second shot to the green. From the white tees the hole is a relatively straightforward 384 yards.

Getting to the greens is only half the fun. When you get there we think you'll like what you find. Predominantly creeping bent (Cobra) grass on sand (see panel), these greens have a reputation for being slick. Terry expects them to have a stimpmeter reading of 8.5. "Tm not a great lover of that, but that's what I'm asked to produce," he explained.

Another thing that you will like is



### THE GREENS

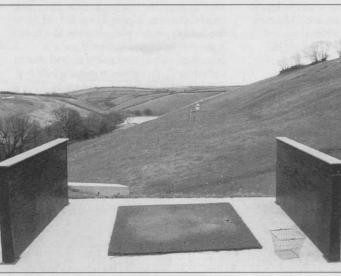
The greens at Dartmouth Golf and Country Club use a USGA method of construction. There is a herring-bone drainage system set into the subsoil, followed by a 100mm-deep layer of 6mm gravel. The rootzone was laid on top, no blinding layer was needed. The 250mm-deep rootzone mix is 90-10 sand and fen soil. The sand came from a local quarry (Watts Blake and Bearne) and

is described as irregular to sub rounded with particle sizes of 93 per cent between 0.25 and 2mm. PH is around 6 to 6.5. "We have had no problems with the sand, it is of excellent requirement as it does not compact."

The seed mixture after construction was as follows, but they have now introduced creeping bent (Cobra) to the sward and this has dominated the surface:

- Chewings fescue (Festuca rubra commutator) Frida 60 per cent
- Slender creeping red fescue (Festuca rubra litavallis) – Rufilla – 20 per cent
- Oregon bent (Agrostis Castillana) - Highland - 10 per cent
- Browntop bent (*Agrostis* tenuis) Bardot 10 per cent
   Tees are subsoil graded with

falls from front to back and are finished off with a 4in layer of site soil and sand, mixed 50/50. The seed used was the same as the greens but with smooth stalked meadow (Julia) and creeping bent (Cobra). The fairway is similar, except the Cobra has been replaced by perennial rye (Hermes), a dwarfed variety. All seeds were supplied by British Seed Houses.



The driving range, with a dangerous slope for maintenance

the atmosphere at the club. It's a modern club, set up by a businessman who wanted a place where people could come and unwind. You can dress casually in the bar and restaurant. And with all the other facilities, you can still enjoy your visit even if you don't play well.

### **Nervous**

We thought Terry might be nervous at the prospect of dozens of greenkeepers descending on his course. But he's not. "Greenkeepers are more sympathetic than anyone, because they understand each other's problems. Every green's different, every green has its own problems. Some days people play a course and moan about it, and the only difference in it is the cut. They moan about a green not being very good, and the only difference is that it was left that day. Golfers don't see it that way, greenkeepers do. They can see the type of surface and grasses someone is working with, and understand the problems that they've got."

Dartmouth was designed for a major competition but, because of the financial situation, the course has had to stay open all year, apart from when it's snowed. Golfers always get to play the main greens and are on grass tees all year. "We've got good tee and greens construction," says Terry proudly.

To keep on top of thatch buildup on the creeping bent greens, Terry uses an aggressive programme of hollow-coring, slitting, and verti-cutting. They verti-cut every three or four weeks during the growing season. This programme also stresses the annual meadow grass.

It's a high maintenance course with many banks that need mowing and large, unusual shaped bunkers.

The front nine, in particular, needs more manicuring because it's meant to be pretty. Because the second nine is more linksy with vast mounding "we can get away with more and we can leave it more rough and ragged".

The large mounds and steep banks also make it a dangerous site to maintain. The driving range is particularly hazardous and they daren't venture on it if there has been the slightest dew.

Terry's biggest problem, however, is the bunkers. It's not just their size, but the sand is so light and fluffy and the course so windy that they are constantly having to refill them.

### **Top soil shortages**

The first season Terry was here he concentrated on getting the greens right, then the tees, and now he is looking to improve the fairways by weed spraying, verticutting and scarifying.

One thing he has noticed with the recent wet winter is that the fairways drain well. This is partly because of the shortage of top soil following the construction of the mounds. There is supposed to be two inches of top soil all over, but it's a bit sparse in places. However, the grass seems to be growing well: "We've used a lot of nutrients (high nitrogen and agricultural fertiliser) to get it established, but the result now is that you only get boggy areas in the few spots where there is too much top soil," explains Terry.

They have been verti-drained twice since opening.

When I visited the course in early April, Terry and his team were looking to topdress with fine sand "but because of the bad weather we weren't able. We're two weeks away from a county match, so we're limited as to what we can do. So maybe next week I'll verti-cut them, and give them just a light dressing if I can get away with it, and give them another feed and get them going again. As soon as the match is finished, we'll be in hollowcoring, overseeding with creeping bent and top-dressing."

Being a modern club, there is no greens committee and Terry has good communication with the pro (director of golf) and the members and is able to overseed etc at the best times for germination.

Terry, who originally wanted to be a cricket groundsman, tries to play once a week himself and he tries to play as many other courses as possible "because you always think you've got the biggest problems, but you go somewhere else and you see they've got bigger problems than you."

One of the key people in his

seven-man team is Steve Hunt, who worked the land when it was a farm. He knows the land inside out and, according to Terry, is an excellent weather forecaster.

He says it will great in August, so the only other thing to worry about is the pin positioning: "I'm always fair," says Terry, "at least they're on the greens." But sometimes only just.

### MAIN MACHINERY

The £139,000 worth of equipment in use at the club includes:

- 1 Toro 3000D green mower
- 1 Iseki 40hp tractor with front loader
- 1 Browers 5 unit rough cut mower
- 1 Bucker power unit and rotary deck
- 2 Toro Reelmaster triples (216
- 2 Lloyds Pallidins pedestrian mowers
- 1 Outfield Spiker
- 1 Flymo
- 2 Pro 24 strimmers
- 1 Toro fairway mower (223 D)
- 1 Toro Sand Pro bunker rake
- 1 Cushman power unit
- 1 Top Dresser
- 1 Vari Tyne Aerator
- 1 66-gallon sprayer
- 1 8ft brush
- 1 Multi-depth aerator
- 1 Allen Reciprocator
- 1 Cyclone fertiliser distributor
- 1 Small trailer
- 1 Vert drainer
- 2 Knapsack sprayers
- 1 21in rotary
- 1 Cylinder grinding machine

Machinery borrowed from Hitchens Quality Homes includes:

- 1 Trailer (3 tonnes)
- 1 Quad ATV
- 1 21in Toro rotary
- 1 Glymo
- 1 Strimmer
- 1 JCB
- 1 Mini digger