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**This month, Ken Richardson, BIGGA's Education and Training Manager, explains the new minimum BIGGA membership qualification which should be introduced next year**

# Education the key to membership

## Education opportunities at Harrogate

Continue to Learn 2002 has been specifically designed to give all delegates maximum flexibility on their education choices, offering one and two day options for both the National Education Conference and Workshop Programme.

Advertised under the new name 'Continue to Learn' the programme and booking form is now available. Highlights of the National Education Conference include the morning session on Monday 21 January which will be presented by Dr James Beard on the subjects of Water and Temperature Stresses and Shade and Wear Stresses. Tuesday 22 January sees the return of Jim Moore from the USGA Green Section. A popular and informative speaker, Jim will be discussing the Redesign and Reconstruction of Golf Course Features. Other sessions at the Conference include the effects of Global Warming and the Golf Course and Preparation for Winter Play. Three Workshops will be presented on the 2002 Programme offering delegates a choice of subjects. Due to popular demand the two day Golf Course Design 1 Workshop, presented by Simon Gidman BSc and Howard Swan MSc, makes its return to the programme. New for 2002 are one day Workshops, available on Monday 21 and Tuesday 22 January. Emergency First Aid will give delegates the opportunity to gain their Emergency First Aid Certificate, while the Environmental Management Workshop looks at the impact of ecological management on the golf course.

The STRI continues to run their popular course 'Running Golf Courses in the 21st Century'. For 2002 the course will take place on Monday 21 and Tuesday 22 January at The Majestic Hotel. The BTME Seminars commence on Wednesday 23 January with Keynote Speaker, Roger Black. The seminars will cover a wide range of subjects from Sulphur Burning to Strategic Planning. An extended seminar on Turfgrass Management will be presented by Dr James Beard on Thursday 24 January. Seminars conclude on Friday 25 January with presentations from Dr Mike Canaway, Andy Campbell, MG and Clive Osgood.

The Social Programme offers two events for 2002, The Education Dinner on Monday 21 January at The Majestic Hotel, with after dinner speaker Dr Keith Jones. The Show Banquet will take place on Thursday 24 January with a welcome return to The Majestic Hotel, featuring comedy duo Brahms and Listz, Harrogate band The Nightjars and a disco from Funtime Music. This is one event you won't want to miss!

**For further details on booking your place please contact Sami Collins on 01347 833833**

### TORO Competitions

Full details of the TORO Student of the Year and Excellence in Greenkeeping Competitions are given elsewhere in this magazine but I would like to add my and Sami's congratulations to Andrew Pledger and Huw Morgan.

Details of the Student of the Year Competition for 2002 will be sent out in the New Year and copies of brochures and entry forms will be available at BTME.

### Minimum Qualifications

The BIGGA Board of Management meeting, held on 9 October 2001, endorsed the introduction of a minimum qualification of N/SVQ Level 2 Sportsturf, or equivalent, for all NEW applications for membership received after 1 February 2002. This decision will be subject to the approval of the AGM, which will be held on Wednesday 25 January 2002, at the Majestic Hotel in Harrogate.

### Why introduce a minimum qualification?

- It is Government policy that all adult workers should hold or be working towards, at least, an N/SVQ Level 2 qualification.
- The GTC is encouraging employers of greenkeepers to train all new entrants to N/SVQ Level 2 Sportsturf.
- BIGGA aims to improve the qualifications and status of greenkeepers.
- Greenkeepers want greater recognition and better pay.
- Anyone working as a greenkeeper at a golfing establishment should be competent ie. should be able to do the job without supervision.
- N/SVQ Level 2 Sportsturf comprises seven Units which include basic greenkeeping tasks such as mowing, raking, brushing, scarifying, applying top dressing, fertilising, repairing divots, irrigation, applying pesticides, rolling, course preparation, machinery, construction, estate maintenance and plant identification. Therefore, competent greenkeepers can easily become qualified.

### BIGGA Membership after February 2002

- All current greenkeeper members will retain full qualified greenkeeper membership
- All greenkeepers, not currently members, applying for full greenkeeper membership, from 1 February 2002 will need a minimum qualification of N/SVQ Level 2 Sportsturf.
- All greenkeepers, not currently members, applying for membership, from 1 February 2002, who do not hold a minimum qualification, will be offered Greenkeeper Assistant Membership.
- The subscriptions for both full Greenkeeper Membership and Greenkeeper Assistant Membership will be the same ie. Course Manager/Head Greenkeeper £85, Deputy Course Manager/Deputy Head Greenkeeper £67. Greenkeepers aged 21 and over £54, Greenkeepers aged 20 and under £33 and International members £63.
- Greenkeeper members and greenkeeper assistant members will receive the same membership benefits except that unqualified members will not be able to vote at National, Regional and Section meetings nor will they be able to hold office.
- Greenkeeper assistant members may request to be upgraded to full greenkeeper membership once they become qualified.
- Any full greenkeeper member who is unqualified and leaves the Association for two years or more will be offered Greenkeeper Assistant membership on re applying.
- All current full greenkeeper members, whether qualified or not, will be enrolled onto the BIGGA CPD Scheme automatically.
- All greenkeeper assistant members will have their Membership reviewed after five years.
- All full greenkeeper members will be granted continued membership if they continue to pay a subscription and work as a greenkeeper at a golfing establishment.
- Those greenkeepers who have held full greenkeeper membership but are not currently working as a greenkeeper at a golfing establishment but remain connected with the Association, greenkeeping or the fine turf industry, should be granted continued full membership.



## Greenkeeper Education and Development Fund

The Fund provides the key to the future for greenkeeper, golf club and game. Individuals and companies can join the Golden Key Circle and Silver Key Circle. For details, please contact Neil Thomas, Executive Director on 01347 833800 or via [admin@bigga.co.uk](mailto:admin@bigga.co.uk)

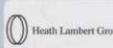


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### Individual Members

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### Silver Key Circle Company Members

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**www.btme.org.uk**

**Keep checking the BTME microsite for the latest news on the various education and training options available at BTME2002**



With all the skill of Klondike prospectors during the gold rush the judges for the Toro Award for Excellence in Greenkeeping and the Toro Student Greenkeeper of the Year Award unearthed two nuggets as the 2001 Toro Champions.

# Toros 2001



Huw Morgan, Course Manager of Wilderness Golf Club in Sevenoaks, and Andrew Pledger, First Assistant at the Hertfordshire Golf Club, are worthy winners of two of the most prestigious competitions the Association has to offer.

Each year the quality available for the judges to "pan for" becomes higher and higher, a real sign that the industry is in rude health and that the golf courses of Great Britain and Ireland are in safe hands.

Huw has been a prominent BIGGA member for many years while Andrew has transferred for a successful career in retail management to make a similar impact in his new profession. Both are ideal ambassadors for the Association for the next 12 months.

Huw, who won a trip to the GCSAA Conference and Show and visits to Toro's Headquarters in Minneapolis and California, a Toro Workman 2100 utility vehicle and £250 for his team, emerged for a strong group of finalists which included Alan

Purdie, Head Greenkeeper of Crail Golfing Society; David Murdoch MG, Course Manager of Liphook Golf Club and Alan Strachan, Head Greenkeeper of Royal County Down.

Each received a Toro 1000 Greensmaster pedestrian to mark the achievement of reaching the National Final.



Main: Huw Morgan and Andrew Pledger

Inset: Excellence finalists and judges: (Back) Walter Woods, Bruce Jamieson, Bob Buckingham, Neil Thomas. (Front) Alan Strachan, David Murdoch, Huw Morgan and Alan Purdie



## Toros 2001

continued from page 13

Andrew won a six week study course in Massachusetts and visits to the Toro headquarters in Minneapolis and California as well as the GCSAA Conference and Show in Orlando

Runners-up in the Toro Student Greenkeeper of the Year Competition were John Stuttard, of Askham Bryan College and Wyke Ridge Golf Centre, near Leeds, and Ewan McCabe, of College of West Anglia and Gog Magog Golf Club. Each wins an all expenses paid trip to Harrogate for BTME 2002.

The other student finalists who each won through to the National Final from their regions were Mike Robertson, of Myerscough College and Penrith Golf Club; John Williams, of Teagasc, in Dublin, and Athy Golf Club; James Murphy, of Old Head Golf Club; Mark Wilshire, of Pencoed College and Llanishen



Above: Runners up: Alan Purdie, David Murdoch and Alan Strachan

Golf Club, and Mark Cummine, of Langside College and Buchanan Castle Golf Club.

Thanks to all the regional judges who took part in the early stages of the event and the final judges - Toro Award for Excellence in Greenkeeping: Bob Buckingham,

Toro's European Sales Manager; Bruce Jamieson, Toro Consultant and former PGA European Tour Director of Agronomy; Walter Woods, former Course Superintendent of St Andrews Links, and Neil Thomas, BIGGA's Executive Director. Toro Student Greenkeeper of the Year

Award: Andrew Brown, of Toro; Pete Mansfield, Lely (UK) General Manager Turf Products; BIGGA's Education Sub-Committee Chairman, Jim Paton, and BIGGA's Education and Training Manager, Ken Richardson.



Above: Student finalists and judges: (Back) Mark Wilshire, John David Williams, Jim Paton, Andrew Brown, Ken Richardson, Pete Mansfield, Mark Cummine (Front) Mike Robertson, John Stuttard, Andrew Pledger, Ewan McCabe and James Murphy

**New Toro Student Greenkeeper of the Year, Andrew Pledger, swapped the world of retail management for the life of a greenkeeper, and is delighted that he did.**

# Supermarket Swap

It takes a lot of guts to throw up a successful career and go back to square one in a job about which you know the bare minimum for a significant pay cut.

That's what Andrew Pledger did, and what's more he announced his desire to make the radical step to his wife when they had just returned from honeymoon. But for both Andrew and his wife, Karen, this bold step paid off, less than two years later, when he was announced as the Toro Student Greenkeeper of the Year winner for 2001.

Andrew had been working his way through the managerial ranks of Sainsbury's when he got the urge to find a job in the golf industry and having looked at both the general management and the greenkeeping sides of the business decided that greenkeeping offered the better long term prospects.

He had started with Sainsbury's as a butcher but his talents were soon spotted and he was soon running the beers, wines and spirits department, and then the dried goods and fresh foods departments in addition to working on a special internet shopping project.

Very much on the promotion ladder it was a sudden climate change within Sainsbury's which saw pressure placed on stores to achieve that persuaded Andrew to look elsewhere.

"It became clear that you could no longer have ideas of your own and make a difference individually and I wasn't enjoying it any more," he said.

He was Sainsbury's golf event organiser for the South East region and he decided that golf was where he wanted his future to lie.

"I didn't start playing golf until I was 19 and I really fell head over heels with the game and realised that I wanted a career in the game. Given my retail management training, general management might have been an easier option for me but I believed that in greenkeeping, once you've been trained, there are opportunities

for you around the world and it was a career that you could pick up and take wherever you wanted to take it," said the 30 year-old, as we chatted, along with Karen, in the Key Room in BIGGA HOUSE the morning after his triumph.

Having made that decision the difficulty would perhaps have been finding a golf club willing to take on a 28 year-old with no greenkeeping experience to his name whatsoever but in this aspect his bravery deserved the piece of luck which came his way.

"I saw a position advertised in the local paper for an assistant at the Hertfordshire Golf Club and Karen told me to apply for it. I spoke to both sets of parents to get their opinions and told Karen that the money would be considerably lower than what I was on at the time. But she said just to do it."

They were both concerned about how Andrew's CV would look to a potential employer given that it contained little of direct relevance to the position for which he was applying and how he could convince them that he deserved an interview.

"He made a point of going to the club to present his application personally so that they could put a face to the letter when they came to read it and see the personality behind it," explained Karen, whose own well paid job was able to cushion Andrew's drop in salary.

The man to whom Andrew now owes quite a debt of gratitude is Richard Shepherd, Course Superintendent at the American Golf-owned course, who took a chance on him.

"Richard was a plumber before he became a greenkeeper so perhaps he saw something of himself in me," said Andrew, whose golf handicap, you won't be surprised to learn, has gone up since he started his new job.

He can still recall the cold and wet November day in 1999 when he took



Above: Andrew Pledger

his first steps as an assistant greenkeeper.

"When I came in I didn't really know what the job involved but I did know it was about caring for grass and not just cutting grass. The first job I did was changing holes and tee markers but it was more a case of going round with one of the guys and helping him."

Andrew was well aware that to make a success of his new career he would have to learn as much as he could as quickly as he could.

"I got the promise that I would go to college at my interview but just missed the intake for that year's day

release at Oaklands College. So I started in September of 2000 which helped quite a lot because it gave me a few months to learn about greenkeeping before beginning to learn it formally. Once I got there I was able to throw myself into it more."

And throw himself into it he has to the extent that when the application forms were sent out for the Toro Student of the Year Award Andrew's lecturer, Andy White, approached Andrew as the student they regarded as having the best chance of winning.

That confidence was well placed as Andrew impressed the regional inter



# Supermarket Swap

view panel of BIGGA's Education and Training Manager, Ken Richardson; Lely (UK) General Manager Turf Products, Pete Mansfield; and BIGGA's National Board Member and Course Manager of Old Folds Manor GC, Ian Semple, and won his way to the National Final.

"I felt the interview had gone well and was confident as I'd put a lot of effort into my portfolio and it has gone forward for a City and Guilds award and I was delighted when the letter arrived saying I was through."

Having arrived at the final he revelled in meeting his seven fellow finalists as well as the Toro Award Excellence in Greenkeeping finalists and the judges.

"It was nice because it was the first time I'd been in a situation where I'd socialised with greenkeepers and been in a room with so many elements of the golf industry and meeting people like Walter Woods who is right at the top of the profession."

"When the two runners-up were called my heart was thumping but, literally, a couple of seconds before Ken Richardson said my name I felt inside that I'd done it."

He is looking forward to his prize, a six week study course in Massachusetts and visits to the Toro headquarters in Minneapolis and California as well as the GCSAA Conference and Show in Orlando but feels that one of the most important elements is that his CV will now stand out from the crowd.

"Now all of a sudden it is Andy Pledger, Toro Student Greenkeeper of the Year."

He was seated at the same table as last year's winner Jonathan Cleland and before the night was over they had enjoyed a long chat on what the new incumbent would expect over the next 12 months.

"He said to throw myself into it as it is such a good opportunity and said that while in America people would be interested in me as I was a foreigner and they'd be keen to know how I'd got there," explained Andrew, who is looking forward to perhaps meeting up with Karen, who may well be in the States on business during his stay.

Andrew was promoted to First Assistant a month before the final but his ultimate goal is to become a Course Manager at a 36, 54 or even 72 hole complex.

"It would be then that the skills I learned in retail management would become more useful - managing people, managing budgets and dealing with the customers and the hierarchy within the golf club.

"American Golf is such a large company - you could liken the company to a supermarket chain - there are the opportunities for me and others to move within the group."

Listening to Andrew and Karen you sense that they are delighted that their gamble has paid off. Let's leave the last word to Karen.

"I'm just so thrilled because when Andrew made this career change it was such a big decision for us to make. We'd just come back from honeymoon when Andrew decided that he didn't want to carry on retail management...and many friends and family asked why he wanted to leave such a good job to start a new career in greenkeeping which is not particularly well paid.

"I just believe there is more to life than earning a lot of money and if you find a job which you have a passion for you should go for it."



# And

When BIGGA's Education and Training Manager, Ken Richardson uttered the two words "Huw" and "Morgan" around 7.15pm on Tuesday, October 30, the man who had least expected to hear them at that particular moment was Huw Morgan, Course Manager of Wildernesse Golf Club, in Kent.

The reason? Huw was so sure that he wouldn't be named Toro Award for Excellence in Greenkeeping winner for 2001 he'd even made a bet with a colleague that one of his rivals would win. Many would have tried to hide the shock and attempt to look a little bit nonchalant but the 35 year-old Welshman wouldn't have even made the final if it had been the Toro Award for Excellence in Acting.

He looked absolutely dumbstruck and it was a great credit to him that he pulled himself together enough to make a more than passable winner's speech before settling down to enjoy his dinner and let the impact of his triumph begin to penetrate.

Talking the next morning in the foyer of the Crown Hotel, Boroughbridge, which had hosted the final interviews and the presentations, it was still only beginning to sink in.

The four finalists had been brought to the centre of the room at the appropriate moment for the big announcement to be made and Huw was thinking about the bet that he'd struck with Carden Park Course Manager Andy Campbell MG, who was at the finals as one of the regional Toro Student Greenkeeper of the Year judges.

"I was sure one of the other finalists was going to win so when we got to our feet all I was looking forward to taking £5 off Andy then when the words 'Huw Morgan' came out of Ken's mouth I virtual-

ly passed out. Surprised was not the word, I just could not believe it," admitted Huw, whose pessimism was born from the fact that he felt his course inspection, carried out in October and in the week after the club's course maintenance week, may count against him.

Asked what his next thought was and you get another honest answer.

"Nothing went through my head, just emptiness. It didn't sink in until I left the room after dinner and went into the bar for the first proper drink with the lads. Everything else was a blur."

The "lads" were the other three finalists Alan Purdie, Head Greenkeeper of Craik Golfing Society, who won the Scottish Final; David Murdoch MG, Course Manager of Liphook GC Huw's fellow finalist drawn from England and Wales, and Alan Strachan, Head Greenkeeper of Royal County Down GC, the Irish Champion.

"I don't know if this has happened before but the four of us sat together at the dinner rather than be spread out among the rest of the tables and that was genuine friendship. I do believe I've made three great new friends during the day and a half we were together for the final and we have promised to get together for a drink at Harrogate in January."

Huw is well aware of the doors such an Award can open and is sure that if he continues the upward path his career is taking he has the potential, and the ambition, to progress even further.

"Although I've won this Award I wouldn't class myself as being at the top of the profession, but it can be a massive step up for me in my career as long as I go with the flow and keep on doing what I've been doing for the last couple of years."

**Huw Morgan couldn't believe that the next two words were "Huw Morgan" but he's getting used to being known as the 2001 Toro Award for Excellence in Greenkeeping winner**

# the winner is ...



Above: Huw Morgan

Looking long term Huw has a vision of what he'd like to be doing in his career.

"I'm ambitious and anyone with a passion for the job would want to be standing on the 18th green at the presentation to a new Open Championship with the television camera on my face having prepared an Open venue. Long term I'd like to do that."

Huw does have experience of working on a links course having spent three years at Southerndown.

"I love working on links land, it's more of a hands-on craft job and it is drier. The wet course in the winter is every greenkeepers nightmare and you don't get that on a links. Southerndown was a lovely golf course but the only way to progress my career with regard to pay and conditions was to move to the sunny south east and that was only possible because the Wildernesse, at Sevenoaks, in Kent, had accommodation with it."

Huw had always wanted to be a greenkeeper, encouraged by his father who was Honorary Secretary of Pontardowe Golf Club in Swansea and a former Chairman of Green.

"I used to work at the golf club in the summer holidays and went straight to college from school to study greenkeeping," he explained.

It was through his father that he got his first big break in his career.

"I'd just finished college and got a job with Swansea City Council looking after a nine hole course on my own and my father was playing in a member guest day at Fairwood Park Golf Club. It had just been bought by an oil millionaire but all the staff had left when the farmer who'd owned it previously sold, so the guy was left with a golf course but no staff. My father told him

about me and he said to go and see him the following day. He looked at my credentials and said 'The job's yours. You start tomorrow'," recalled Huw.

"I told him I'd have to hand my notice in first but he said if I couldn't start that Friday he'd give the job to someone else so I spoke to the council and managed to get out of my contract."

So at the age of 19 he was put in charge of an 18 hole golf course with two experienced men who he took on and the backing of his father, whose greenkeeping knowledge and passion for the game was invaluable.

The faith the oil millionaire in a raw 19 year-old was repaid in full as the course was awarded the Welsh Professional Championship - televised by BBC Wales - five years later, just before Huw moved to Southerndown.

"For a club like Fairwood to have a tournament like that was absolutely fantastic," said Huw.

Since moving to Wildernesse in 1993 Huw has assembled what he describes as a "fantastic team" who will benefit with a cheque for £250 as part of the prize. This recognises that success in the Toro competition is not down totally to the individual.

"This is a team Award as well as recognition of the money the club has spent recently on facilities."

Again displaying an honesty which you don't always find Huw said improvements to the course had slowed over the last four years.

"It is behind the scenes that has been the main focus of our effort, particularly in creating our new Course Maintenance Facility," said Huw, of the club and its members who have enthusiastically entered into the long term investment in excellence.

"The superb end product justifies all the earlier meetings and consultation necessary to push ahead with the project and I am only sorry that one of the prime movers, Kevan Dougal, 1996 Captain, sadly died before the final completion."

The Toro Award for Excellence in Greenkeeping is not the only national award Huw has won as he was also the 1987 Young Groundsman of the Year. So what is it that marks him out from the crowd to the extent that he wins two prestigious industry awards?

"I've always been a confident person and I'm lucky that I do tend to pick things up quickly. For example I completed my phase one and phase two in the same year at college and I picked up computing quickly after a two day course at Harrogate," said Huw, who admits to being a controversial character, when it comes to BIGGA.

"I know a lot of people on the Regional and National level have to be fairly sensible about how they approach new ideas and can't

always go for radical change but we, down at Section level, like to fire ideas at the Association and say what we should be doing. Sometimes it can be construed that I'm firing a bit from the hip but it would be a pretty dull world if we said nothing and nothing moved forward. It's important that we keep bombarding the National Board and the staff with things as it keeps everyone on their toes."

He is looking forward to his trip to the States while he is sure the Club, particularly the treasurer will be delighted with the Toro Workman it will receive as part of the prize but he doesn't feel winning the Award will make a massive difference to him personally.

"The golf club are so good to us anyway. All the staff are treated with respect and I don't think the membership could be any more pleasant to us than they are already. I'd like to thank BIGGA, and Toro for the work and investment they put into staging this event," he concluded.

# Specialty

## **Roland Taylor looks at the machinery that is available to tackle those specialist jobs.**

Recently, flicking through an exhibition catalogue, it was clear that for virtually every manual type of operation that is needed to keep a golf course, estate or garden in top condition there is now a machine to carry out the work.

Winter is for many a time of renovation, refurbishing and clearing up after Mother Nature has done her worst. Having machinery for doing a specific task saves time and makes the job far easier and more pleasant to carry out.

### **Pumps (portable)**

With the high rainfalls we now have in this country, flash flooding is becoming quite common and the removal of unwanted water a fairly regular task for many. There are plenty of pumps on the market, but how portable are they? If you are having to manhandle a pump on your own then its weight is going to be foremost in your mind, especially when carrying it over long distance. So, it is important to check the weight and dimensions (the addition of fuel needs to be taken into account) before making a choice.

There are other specifications also to consider. In emergencies the flow rate should be top of the list so that the removal of unwanted water off the site is as fast as possible. The distance from source to where you want to dump it will have a bearing on size. There is very likely to be another problem that the pump is going to have to deal with - the water will be full of foreign matter. A pump that can handle both liquids and solids is the best option. Continually having to unblock filters in freezing water is not a job anyone would relish. A self-priming trash pump can effectively move large volumes of water containing sludge, sand and solids. The size of the solids they can handle can be as large as 40mm. If a unit is going to be left unattended then it should have safety features to protect it. If the water source dries up will the pump run dry without damaging it? As far as the engine is concerned an



oil guard needs to be fitted to stop it in the event of the oil level dropping to a dangerous low. There are plenty of pumps on the market that meet all these requirements.

### **Digging holes**

Whether it is planting trees or putting up fences when, it comes to making holes you can throw away the spade. Earth augers are the answer and take all the backache out of creating a hole. They come as portable, one or two-man units or as an attachment for a tractor or skidsteer and are available in a wide range of diameters and depths.

As one manufacturer says there is an art to creating a hole with an auger and they advise that it should be done in stages rather than a straight bore. Where trees are being planted the

sides and bottom of the hole need to be loosened, so the roots of the tree can easily grow into the surrounding soil. This is especially important where clay is present.

### **Woodland work**

At this time of the year there is every chance of wind damage and branches often get torn down or are left hanging dangerously. Clearing this up does not always warrant the cost of bringing in a specialist, so there are occasions when it has to be dealt with in-house. Chainsaws will take care of any large diameter branches on the ground. For the smaller branches caught in the tree there are manually operated or power driven pole pruners. These are especially useful as they are operated by one person and eliminate the use of ladders, which



# Equipment

would require another member of staff to be in attendance for safety reasons.

An engine driven pole pruner is basically a 10" chainsaw head that is driven through a telescopic shaft, which can be extended, to any length up to about 5 metres. The units are said to be light and easy to handle and more importantly the operator keeps his feet firmly on the ground.

Other extendable equipment now available includes long reach hedge trimmers. The cutterbar can be set to an angle and the length of the extension shaft varies depending on the model. In addition to hedges these are especially useful for trimming tall shrubs and evergreens.

For those courses that include areas of woodland, clearing dead bracken and undergrowth is likely to be necessary at some stage and for this the answer is a heavy-duty brushcutter or clearing saw. In recent years there have been a number of ride-on brushcutters coming onto the market. These units have a wide cutting width and can speed up the operation considerably. Some models are said to cope with saplings up to 4cm in diameter and reduce the vegetation to mulch.

The hand-held units are especially useful for areas where access is limited. On very rough terrain the back-pack versions are a better



## Specialty Equipment cont...

proposition. With clearing saws there is generally a choice of interchangeable heads that will deal with grass, undergrowth and saplings.

Old tree stumps can be a problem as they usually take years to rot away. The answer in their case is a stump grinder. If the diameter is relatively small then a hand-operated model will be suitable. For larger ones there are the bigger pedestrian machines. They are easy to use and will quickly grind the stump down to well below the surface and out of sight.

### Trenches

When it comes to laying new drainage pipes, water or electrical supplies, a mechanical trencher is the answer. For a larger operation there are tractor attachments available, but on short runs a pedestrian unit or one fitted to a mini skidsteer type of machine might be more practical. These units are capable of taking out a 12" wide and over 36" deep trench, fast.

As many of the tasks mentioned here are one-off situations it is worth considering short-term hire as a more cost-effective solution.

If labour resources are limited or time is short then mechanisation can provide the answer, so it is worth investigating what is available locally to either buy or hire.

