

## Golf Club's Sports Forum raises £2,000

Moor Allerton Golf Club came up with an enterprising idea to raise funds to finance the construction of their new 14th hole during the Benson & Hedges Tournament played at Fulford.

Capitalising on the talent available in Yorkshire during the week, they recruited Peter Alliss, Tony Jacklin, Mike Parkinson and their own tournament professional Howard Clark to participate in a golf forum and then sold tickets for the evening at £10.00 a head.

For Peter Alliss it was a return 'home'. Moor Allerton was the club where he was appointed the consultant professional when the Trent Jones designed course opened twenty years ago. He stayed for ten years in a converted farmhouse with his good friend, Head Greenkeeper, Colin Geddes as his next door neighbour.

Moor Allerton's General Manager, Ted Goldberg, told Golf Greenkeeping it was a superb evening. Over 200 golfers packed the clubhouse, keeping the panel under the chairmanship of Mike Parkinson on their toes for three hours.

It will cost £12,000 to move the 14th hole, brought about because of complaints from an adjacent weekend caravan site, who had threatened injunctions after mishit shots landed among the campers. Work is now at an advanced stage with turf laid on a sand base. Later this year the new tee will be constructed and the hole brought into use by the spring of 1988.

The project has been so successful we hear further improvements to other parts of the course are in the pipeline.

So often when course alterations take place, committees see the only way of finance is a levy on the members. Moor Allerton have already raised half the cost organising sponsored events and expect the remainder to be in the bank by the end of the year.

NEWS 4

## CHEERS

A member of the Highgate Golf Club, millionaire 'Rabbit' golfer, Mr. Edward Mowle has left £400.00 in his will to buy drinks all round in his club's nineteenth hole.

Mr. Mowle of St. John's Wood who died in January left £1,394,136



Picture courtesy of Yorkshire Post Newspapers.

Europe's Ryder Cup Captain Tony Jacklin, Michael Parkinson, Howard Clark and golf commentator Peter Alliss in fine form at Moor Allerton.

HA 1388

## Gearing up for 1989 Ryder Cup

One of Britain's newest, yet highly regarded golf courses is already gearing up to host the 1989 Ryder Cup.

The Belfry at Coleshill, near Sutton Coldfield, recently conducted a comprehensive weed control programme, for both the Brabazon and Derby courses.

A two man team from Hodges & Moss, accomplished the task with the help of a special low ground pressure self-propelled sprayer in just two days.

The Belfry won many friends in 1985 and much respect when the European team won the Ryder Cup for the first time since Lindrick in 1957.

Lee Trevino the American captain said Derrick Ganning, the Belfry's course manager, was the '13th member of the European squad' as his tribute to the excellent condition of the course. A tremendous compliment and one of the reasons why the Belfry is anxious to ensure perfection for the return match in 1989.

NEWS 5

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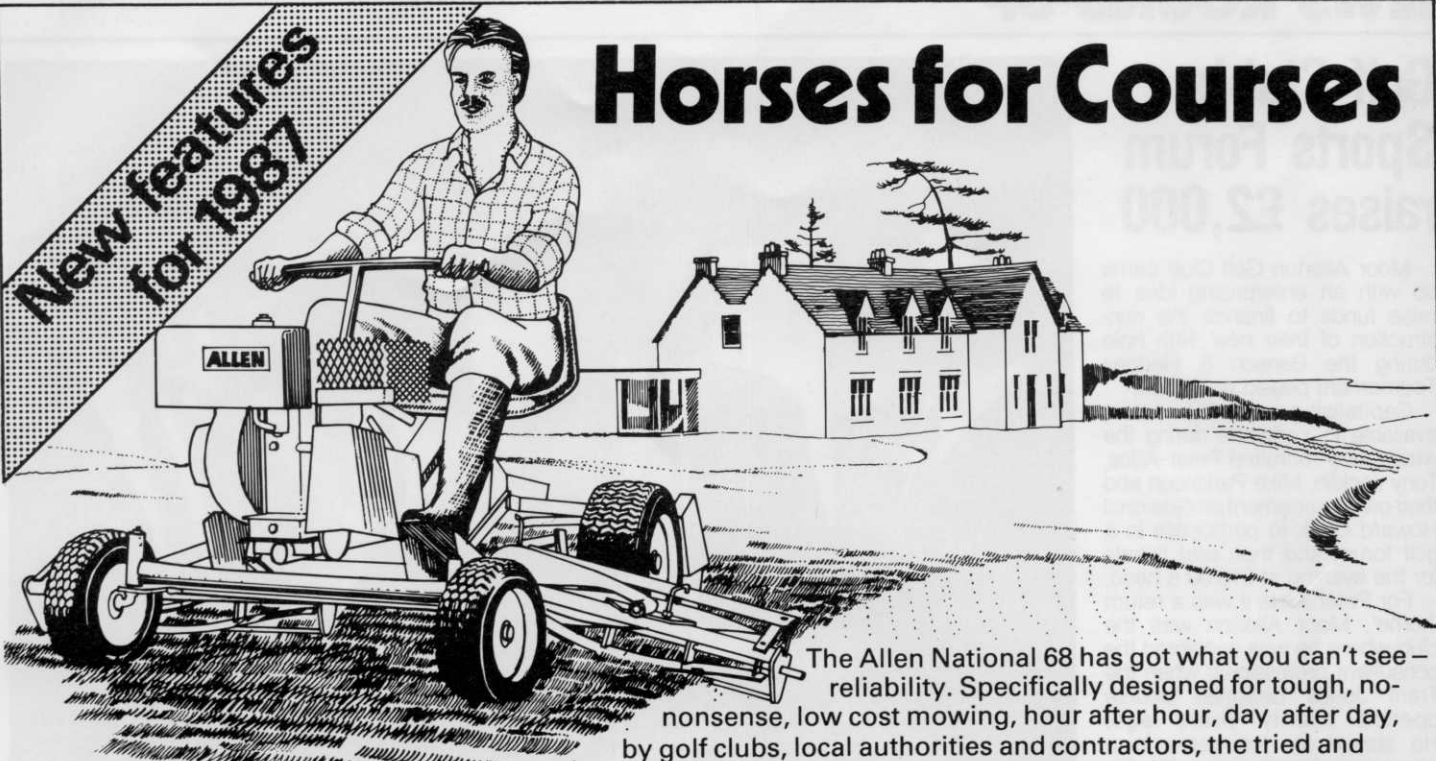
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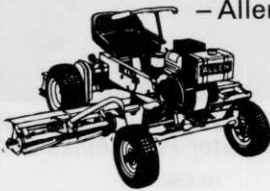
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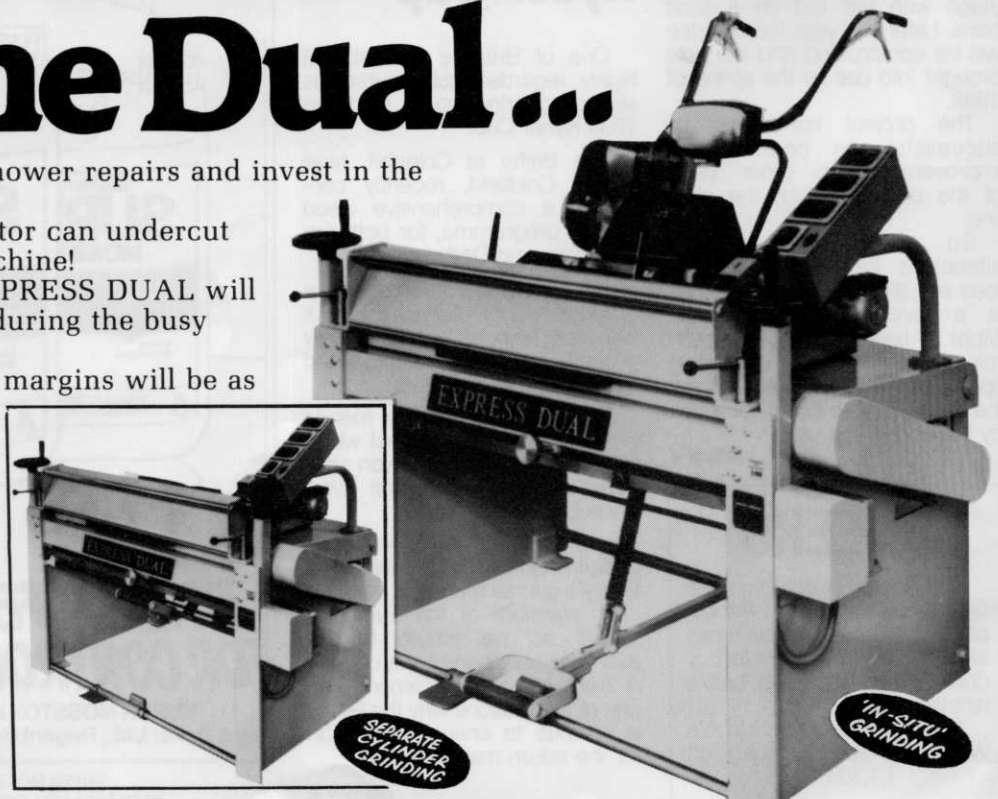
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# Windsor Show set to break all records.

Over 50,000 sq. m. of display and demonstration areas have been booked for this year's loG Sports and Leisure World Trade Exhibition, the 42nd such event organised by the Institute of Groundsmanship. A record 342 companies will be taking part, displaying some of the latest developments from the UK and 27 overseas countries.

The exhibition takes place at the Royal Windsor Racecourse, Maidenhead Road, Windsor, Berkshire on 15th, 16th and 17th (Tuesday to Thursday) September, and will be open from 10.00 a.m. till 5.00 p.m. daily. Admission will be by catalogue costing £2.

Sixteen of the country's leading horticultural colleges will be supporting an extended Education and Training Centre at this year's exhibition. Participants include Askham Bryan, Aylesbury, Brinsbury, Cambridgeshire, Capel Manor, Cheshire, Evesham, Hampshire, Merrist Wood, Myerscough, Norwood Hall, Pershore, Plumpton, Somerset, South-East London, and South London.

They will be taking part with such bodies as the Agricultural Training Board, Amenity Grass Marketing Association, British Agricultural and Garden Machinery Association, the British Association of Landscape Industries, City & Guilds of London Institute, the Health and Safety Executive, the National Turfgrass Council, the National Playing Fields Association and the Sports Turf Research Institute.

Over 30 organisations will be demonstrating products on more than 11,000 sq. m. of working demonstration plots, with separate facilities being provided for irrigation equipment.

Two large marquees have been provided this year for exhibitors who prefer to be indoors. Pavilion A has been taken over by the U.S. giant Jacobsen, and Pavilion B will be occupied by a number of individual firms.

The 1988 event will take place from 20th to 22nd September, again at Windsor Racecourse; in 1989 from 19th to 21st September, 1990 from 18th to 20th September; 1991 from 17th to 19th September; and in 1992 from 17th to 19th September.

Recent surveys carried out for the organisers indicated that over a third of visitors attend to purchase at the exhibition, whilst 80 per cent come to inspect for future purchase. The average budget of visitors interviewed was £118,000.

## SCOTSTURF '87

Scotland's major event for the sports and leisure industry - SCOTSTURF - will again take place at the Royal Highland Exhibition Hall, Ingliston, Edinburgh on Wednesday 11th November 1987.

Scotland's leading companies have already booked Stand Space at SCOTSTURF '87 - the 7th annual event organised by the Scotland and Northern Ireland Zone of the Institute of Groundsmanship - and a record number of 5,000 visitors from all over Scotland, Northern Ireland and the North of England are expected to attend: groundsmen, greenkeepers, local authority representatives, landscape architects, estate owners and managers, sports turf advisors, educationalists, students and trainees.

Admission to the Exhibition is free-of-charge.

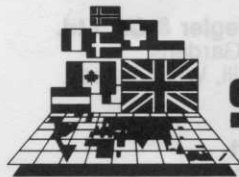
In addition some 250 delegates are expected to take part in the Seminar which is scheduled for the morning of the Exhibition, with top speakers lined up from all over the U.K.

## NORTH-WEST SHOW

The annual Field Day, organised by members of the North-West Zone of the Institute of Groundsmanship, will once again take place at Haydock Park Racecourse on 29th/30th September 1987.

The show is designed particularly for the benefit of Zone members, groundsmen and greenkeepers in the North-West and, for that reason, it is limited to local companies and suppliers. Unlike the practice at the three national Exhibitions organised by the loG (Southport, Royal Windsor and Scotsturf) national manufacturers and suppliers can only take part on the stands of their local distributors. Exceptions, however, can be made when such regional representation is not available.

The North-West Zone has organised its enormously popular local show for the past nine years. Last year it moved to the new site at Haydock Park because of the much appreciated facilities it offers for working demonstrations of material and equipment, attracting a record number of 2,500 visitors to the event. The signs are that this year will be equally successful.



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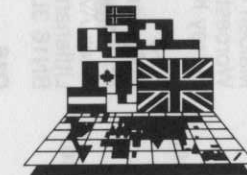
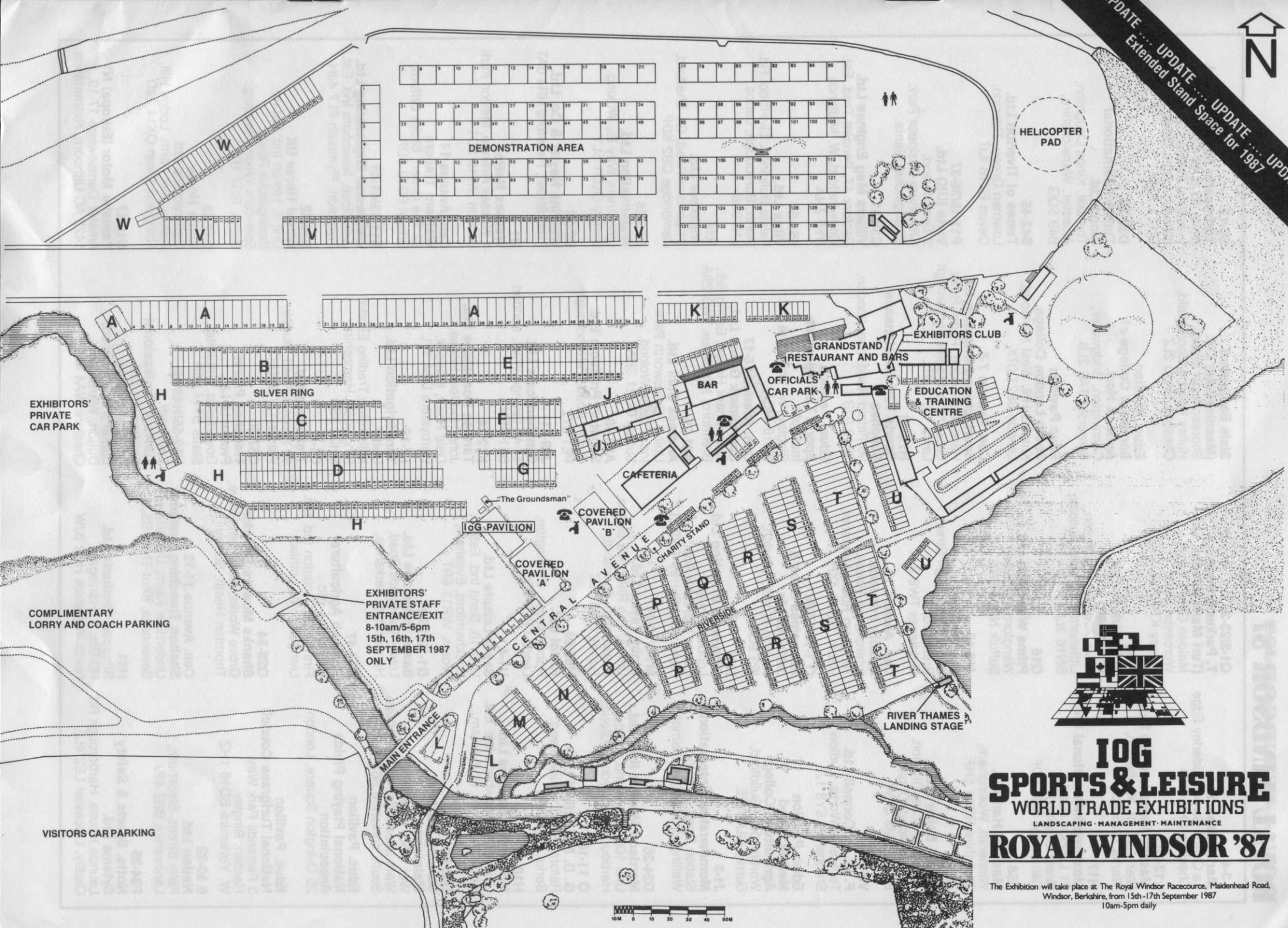
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**ROYAL WINDSOR '87**

The Exhibition will take place at The Royal Windsor Racecourse, Maidenhead Road, Windsor, Berkshire, from 15th-17th September 1987  
 10am-5pm daily

# ROYAL WINDSOR '87

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## SUBSURFACE AIR BLAST SOLVES SOIL PROBLEMS



Soil compaction, a widespread problem in sports and amenity areas, is quickly, effectively and safely alleviated with a sophisticated machine operated by a Suffolk-based contractor. It shatters the compacted layer or pan with a blast of compressed air and at the same time can inject fertiliser and other therapeutic materials to help rejuvenate stressed trees, shrubs or turf in danger of dying.

Colin Pryce, who runs this new soil conditioning service, points out that in the past soil problems caused by compression by machinery and treading were virtually impossible to overcome without surface disturbance or the risk of severe root damage. His German Terralift does little, if any surface or root damage, yet each blast loosens a saucer-shaped soil volume measuring up to 13ft across and 3ft deep.

"The only other tool that can shatter the soil to depth is a subsoiler, but this cannot be used round trees or on sports fields or any other amenity area without inflicting root damage or surface lifting and tearing", he explains. "The Terralift's effect is virtually all below ground and it does minimal root damage which if anything is beneficial because it tends to stimulate root growth.

The machine's other major advantage is that it simultaneously injects slow release nutrients like BASF's Floranid Tree and Floranid NPK into the soil cracks as they are being formed. This is far quicker and more effective than surface application or root feeding through auger or crowbar holes because the fertiliser is distributed throughout the root zone. As a standard practice he also injects 1mm to 3mm polystyrene granules to help prevent subsequent closure of the fissures.

The direct feeding of stressed trees with Floranid fertilisers has significant advantages. Floranid

Tree is specially formulated to relieve stress by immediately releasing major and trace elements to roots which previously had been unable to function effectively due to the compacted soil. For roadside trees the product's high potassium and magnesium content also helps to counteract the harmful effects of salt applied to roads during frosty and snowy weather. Floranid NPK contains the balanced range of nutrients essential for good tree and plant growth and like Floranid Tree some of its nitrogen is in slow-release (nitrogen Isodur) form, thus ensuring sustained growth.

The idea of launching an amenity soil conditioning service occurred to Mr. Pryce at last year's Institute of Groundsmen's show at Windsor where he saw the machine on BASF's stand (they recommend the Terralift for soil treatment with their Floranid fertiliser range). Subsequent enquiries indicated a considerable potential demand for such a service for jobs such as rejuvenating trees in building construction areas, where soil is compacted by machinery, and conditioning soil in goalmouth areas, cricket pitches and golf courses where excessive treading has caused poor growth.

The pedestrian operated machine is powered by a Honda 7 bhp four-stroke petrol engine which drives and industrial compressor serving two compressed air cylinders. The compressed air forces air at high speed and a pressure of 105 to 300 psi through the probe and out of three holes near the probe's tip and a split second later injects the beads and the fertillier (or other materials) through the probe and thence into the cracks produced by the compressed air 'explosion'; it also drives individual wheel motors and operates a hammer that rams a hollow steel probe up to 30in. into the ground.

"The volume and pressure of air can be varied according to soil conditions and the job in hand", says Mr. Pryce. "With golf greens and tennis courts, for example, one wants to avoid rupturing the surface and so the pressure and volume would be at the lower end of the range. I don't advise use of the machine in waterlogged soil, otherwise it can work under any soil conditions".

Cost of his service ranges from about £40 for soil conditioning around a large tree to £400 for treating a football pitch or the equivalent area of land. These prices include polystyrene bead soil improver mix injection but not fertiliser or other materials such as nematicides and fungicides.

In conjunction with BASF the Terralift will be demonstrated at the Sports and Leisure Exhibition at Windsor on September 15th to 17th.

**NEWS 6**

**Editor's Note:**

The 'Terralift' was seen in action on the tree lined streets of Munich last year, injecting BASF Floranid Tree deep into the roots.

The Munich authority have calculated it is cheaper to 'dose' a sick tree, rather than remove and replace it.

## GOLF - Chinese Style

There is a new exotic oriental venue for competitive amateur golfers, who can play to a handicap of 12 or less.

The second mens open amateur championship for the people's Republic of China will be played at the Chung Shan Hot Spring Golf Club over four days commencing on 5th November.

Six days accommodation, including breakfast, two days of practice, entry fee, jet foil from Hong Kong, a buffet dinner on the first day and a Chinese Banquet on 7th November are on offer for a mere \$300 US dollars. (£140.00).

Unfortunately this price does not include the air fare from Heathrow to Hong Kong.

If any of our readers fancy making the trip the Editor has the entry form and would consider offers of sponsorship to join competitors and report the proceedings. He is also on good terms with the Course Manager.

**NEWS 7**

HA 1383

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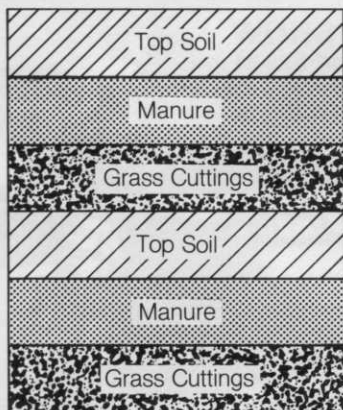
# John Lowry's recipe for Quality Compost

Talk to John Lowery, the Course Manager at Ringway Golf Club, a runway or two from Manchester Airport and it will not be long before the conversation turns to his favourite subject - compost making.

John has been producing his own compost for many years and like the amateur wine buff it is a continuous process, whilst using the matured stuff, there are several other heaps fermenting away. The period is about the same time too, three to four years for a vintage brew.

The quantity used over a season at Ringway is 30-40 tons and a greenkeeper will need a fair area of suitable space to make up at least three separate heaps. The ingredients are simply good quality topsoil, grass cuttings and farmyard manure, laid in 12 inch layers and topped by 15 inches of top soil.

But let John describe how he builds the heaps between 5-6 feet high, but with settlement reduces quickly to around 4 feet as the rotting process accelerates.



"My grass cuttings are collected from heaps which I site in various hidden areas around the course. Copses and behind hedges are ideal sites, but you must also have access for collection. All grass boxes are emptied on them whether it is the GM3 from greens or 180 on tees. We never tip weed from bunker work, just clean cuttings. I did try leaves in the early days, but sometimes you could break down a heap after 4 years and leaves, like beech, ash and oak would still be intact! I have found a good local farmer who stores fresh manure for me and delivers it the following year, so by the delivery time the rotting down is well under way. He recently put up the price by £10 per 20 ton load and when I enquired about the price rise, he said feed had gone up and it was costing more to produce "the end" product!

I find the manure layer on top of the cuttings accelerates the rotting down process and the top soil gives body to the whole thing.

We now have a mature heap to put under cover - What do we require? A drying shed - nothing too elaborate. It is amazing what can be achieved with clear plastic sheeting, and 3'x2' framework supported by 8 posts, open all round or just at each end. The important point is a free circulation of air. My shed is an old corrugated barn bought for £50 and erected by a couple of members and myself over odd weekends. These sheds can also provide extra working areas during wet weather.

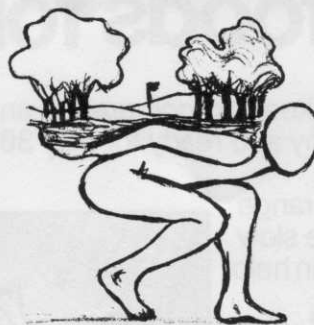
I use the Royer belt-type crusher to break down the material prior to riddling. For riddling I have the En-Tout-Cas rotary with Villiers engine. There is no waste from compost as all the coarse riddlings left over make super tee and shrub planting material with a very high food content. It also makes a good open rough layer on drain trenches prior to relaying the turf, allowing water through and providing a good rooting base. Better than sand and most top soils, considering the average bag of planting compost costs between £2-3. Another saving!

Labour is our next consideration. I found by utilising my labour, on wet days, instead of sitting in the shed or carrying out futile tasks we could produce 10 cwt. of compost. We all have those "in-between job" spells - times not to be idle - it all adds up and it saves your club money.

The most important aspect of making your own compost is you control the quality - like life you reap what you sow. A rough estimate of making your own material, I would say costs around £3 to £4,000 for the crusher, riddle and a cheap storage shed. Remember you have many years of cheap compost for that first capital outlay".

Quality compost for greens and tees, dependent on the transport charges and the availability costs around £20.00-£25.00 a ton. According to the figures calculated by John Lowery a considerable saving can be shown with the home-made variety. Including greenkeepers' time, purchase of manure, top soil, fuel and running costs of the machinery we can produce proven quality compost for £7.75 a ton, with a result saving to his club of about £400 a year. What is more it is there when he wants it and he is certain he could not buy better.

**TECHNICAL 1**



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**Martin Bros. Ltd.**, 1A Clifton Street, Alderley Edge, Cheshire SK9 7NN. Tel: (0625) 584571.

**Boughton Loam Ltd.** Boughton Quarry, Boughton, Northampton. Tel: (0604) 847814. Suppliers of Loams, Sports and Horticultural Dressings.

## SEMI-MATURE TREES

**Eastcote Nurseries (Solihull) Ltd.**, Wood Lane off Barston Lane, Solihull, West Midlands B92 0JL. Tel: Hampton-in-Arden (06755) 2033/2034. Contact: Michael Fisher.

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## **Cleveland Golf Club**

require a  
**HEAD  
GREENKEEPER**

for this old established course

Links experience an advantage

No accommodation available

*Present salary and full C.V.  
should be sent to:*

**The Secretary,  
CLEVELAND GOLF CLUB,  
Queen Street,  
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A Head Greenkeeper is required for old established golf club in South West Lancashire

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The successful applicant will have sound managerial ability as well as first class knowledge of golf course maintenance

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## **PONTYPRIDD GOLF CLUB**

Invite applications for the post of

### **Head Greenkeeper**

A Head Greenkeeper is required for this 18 hole wooded mountain course, twelve miles north-west of Cardiff

The applicant must be fully conversant in turf management, grass cutting and other machinery and also their maintenance

An ability to manage, motivate and train staff is essential

Salary Negotiable

No Accommodation Available

*Applications should be in writing and include full C.V. to:*

**The Secretary,  
PONTYPRIDD GOLF CLUB,  
Ty Gwyn Road, Pontypridd,  
Mid Glamorgan CF37 4DJ**

# Preparing a Greenkeepers' Job Description

It is now common practice in industry for those in positions of management to be provided with a job description.

This document is normally drawn up after considerable discussion between the job holder and his immediate superior, ensuring a complete understanding between both parties regarding the broad responsibilities of the manager's role and what is expected from him.

Few greenkeepers have a similar document, which is surprising when one considers most Committee Chairmen hold responsible positions in business and invariably have a job description themselves.

Several clubs have recently enquired whether a standard document exists and as a guide, and it must be emphasised it is only a guide, a format for a job description has been drawn up.

The job description must be individually produced because clubs need to put the emphasis on responsibilities in differing areas.

The job description should not attempt to state every task the greenkeeper is expected to carry out, but group activities under broad headings. To assist in clarifying thoughts when drafting the job description, think of the job relating to Money, Men, Machinery, Materials and Methods. These five M's will cover just about everything needed to control the day-to-day workings of a golf course.

A written agreement between the Head Greenkeeper and his Committee will go some way to creating a better understanding of individual responsibilities.

It must also be said it is not a tablet of stone and will require updating, as and when, the emphasis on working practices need to be changed.

## JOB DESCRIPTION..... HEAD GREENKEEPER

### RESPONSIBLE TO..... CHAIRMAN OF GREEN COMMITTEE

#### OBJECTIVE

To maintain the golf course to the standards as specified by the Green Committee, control daily work schedules of green staff, keep machinery and course equipment in full working order and produce programmes with time frames relating to course construction and improvements.

#### KEY TASKS

To maintain an inventory of course management equipment, keep records of servicing requirements and schedules, order and place repair requirements up to the value of £....., without reference to the Green Chairman.

Plan and effect the day to day maintenance of greens, tees and fairways. Ensure all grass areas are prepared to the height and requirements compatible to the playing capabilities of the course.

Control and manage the work of the green staff by active supervision. Ensure all employees are familiar with the requirements of their job and tasks allocated are carried out to the safety standards laid down by the Health & Safety at Work Act and the Acts relating to Pesticide Legislation.

All trainees will follow an 'On Job' training programme specified by the Greenkeeper Training Committee and released for their college based training as required. Regular assessments of progress will be made, recorded and communicated to the trainee.

A budget will be prepared annually for general maintenance requirements to include repairs and replacement of machinery, fungicides and fertilisers, sand, seed, turf and other items of expected capital expenditure (eg: irrigation, drainage, tree replacement and buildings). Records to be kept of all expenditure relating to the purchase of supplies, repairs and other expenses.

The Head Greenkeeper will attend such meetings as and when requested by the Green Chairman, supply documentation, give advice when required and act according to the instructions of the Committee.

**TECHNICAL 2**

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