

**British Built** 

Heavy Duty Construction – Protects Truck Bed –

Increases Re-sale Value

**Enclosed Power Pack** Large Capacity Hydraulics

Measured Control of 40° Lift

Cab Controlled or Wandering Lead Heavy Enamel Finish

Tailgate Opens From Bottom

**Advertising Feature** 

AXBA

INTERNATIONAL LTD

**IMPROVES** 

DRAINAGE

AND GIVES

GREATER

ROOT DEPTH

**NOTHING GOES** 

DEEPER

39

#### UTOMOTIVE introduce the DRAULIC TIPPER BODY tonne pickup trucks tor

For all your tipping requirements, the 'TIPPIT' is labour saving equipment, as it converts a standard pick-up into a tipper truck.

GREENKEEPING

Ideal for landscapers, golf clubs, parks, sand and gravel producers, local authorities, farmers, market gardeners, etc. Built tough, it's designed for versitility.

Installation is simple - fitting time

approximately 1 hour. Twin cylinder hydraulic hoist – more power, positive control, smoother action.

The cost of the 'TIPPIT' is £1,185 VAT with free delivery to England and Wales. The sides of the 'TIPPIT' can be manufactured up to 3" higher than shown, at no additional cost, and up to a further 9" higher for only £25 extra.

ALSO AVAILABLE FROM: FLEETWOOD STREET ENGINEERING CO. LTD. TEL. (0772) 36949

The manufacturers reserve the right to alter the specifications at any time. **VERTI DRAIN HIRE SERVICE** 

A728 LPR

#### RELIEVE **COMPACTED** AREAS

6

## ON **GREENS, TEES** & APPROACHES

Brian D. Dierson

(Contractors) Limited

Homestead Farm, Ringwood Road, Three Legged Cross, Wimborne, Dorset. BH21 6QY Telephone: Verwood 822372 & 824906 (STD 0202)

24 Greenkeeping Management

August 1989

40

### Landscaping/Construction

Advertising Feature

# Landed Interests

There is a definite and dramatic re-awakening in the Western Hemisphere generally, and here in Western Europe in particular, of the importance to us all of our environment.

GREENKEEPING

The 'Green' brigade, currently massing as a vocal political force, will continue to serve as the alter ego to government, local authorities and private estate owners. This conscience in turn is having a positive effect on both urban and country landscape and the affinity between modern man's leisure needs and his social desires.

This new emphasis on the land, its utility and its shape, is not yet anywhere near boom proportions generally, but in golf the demand is staggering. The huge army of nearly 3 million golfers is having the effect of wearing out - and fast - many existing courses, especially those in poor condition. The perceived general consensus is for 500 new courses in the UK within the next 10 to 15 years; the demand in other green based sports and activities will follow suit.

This first advertising feature in Greenkeeping Management has been superbly supported by 17 organisations, from the biggest to the smallest, all of whom have an interest in landscaping and construction machinery.



The beautiful end result of landscape management and design – note the use of bark.

#### Wessex Peat

Wessex Peat Co Ltd, by being an environmentally aware company, have for many years been using barks as a substitute to the use of peat in various locations. Bark falls into four main categories: Composted, Bark

Chip, Play Bark and Coarse Bark. Over recent years, bark has only been able to be supplied in

bulk lorry loads at a competitive price. Alternatively, smaller quantities could be purchased in 80 litre bags. Wessex Peat have been aware of this problem and are proud to announce the launch of the "Wessex Bulk Bag of Bark" (2.5 m<sup>3</sup> capacity). The price structure, although more expensive than bulk bark, is far below that of 80 litre bags and the smaller bulk deliveries.

This advertising feature is supported by a cross section of British companies who are all expanding and progressive organisations. Their support of this first annual feature is much appreciated. Our readers are assured of quick responses if they require further information by completing the reply card.



#### Kenyon Strapping

Kenyon Tree Strapping is a specially developed product unique for this application which has been supplied to the Department of Transport, the Forestry Commission, Metropolitan Landscape Departments and Landscape Contractors, for many years.

It is manufactured from an extremely strong, hard wearing fabric which is then given a special protective PVC coating. The construction and finish of Kenyon tree strapping make it tough but attractive in appearance, unaffected by severe weather conditions and not easily vandalised.

Spacer collars made from extruded PVC, together with moulded rubber spacer blocks, are available for all qualities of strapping.

Continued on page 26

## GREENKEEPING

## Landscaping/Construction

Advertising Feature

#### Melcourt

On most golf courses, the pathways which connect green with tee present a special problem to the greenkeeper. Concrete, tarmac, and even gravel will either damage the spikes worn on golfers' shoes or at least cause undue wear.

Neither are earth pathways the answer, as these erode far too quickly and are often quite impassable during the winter. Increasingly, the solution to this pathway problem lies in the use of a chipped wood or stone drainage base, topped with a layer of wood fibre and then consolidated to form a durable and consistent surface.

Wood-based products provide important advantages for this type of application. The material's excellent

The material's excellent drainage characteristics prevent mud from splashing over trolley wheels or being trampled into the club house. They are also environment friendly and blend in beautifully with natural surroundings. They are easier to lay, and can always be lifted and re-sited should the need arise. Maintenance demands are minimal, too, usually entailing just the odd topping-up. Finally they will not damage stray balls with no dangerous bounce such as that associated with concrete. Ornamental mulches for flower borders around club house and course entrances protect the soil from temperature extremes and weeds. Bulkier conifer bark mulches are used for larger planting beds and shrubberies, and composted bark soil conditioners will enrich planting areas and greatly improve all round fertility.

Melcourt's products include Ornamental Bark Mulch, a long lasting mulch of attractive appearance which is primarily intended for decorative planting sites. For pathways, Walk Chips is a durable loose fill surface which is laid on a drainage base with a geotextile separator for permanent installations.

New products include Forest Biomulch, an economical surface mulch for larger scale tree and shrub plantings with a high organic content.

All Melcourt products are delivered on a national basis in either bagged or bulk form, with 'walking floor' trailers available for difficult sites or where storage space is at a premium. For further details and a copy

For further details and a copy of a four page colour brochure, Year Round Excellence, contact Melcourt Industries Ltd at Three Cups House, Tetbury, Glos. GL8 8JG. Tel: 0666 502711/503919.



Instant shade with the Vermeer TS-50M treespade.

#### Landscape and Leisure

Landscape and Leisure Ltd, the recent addition to the William Sinclair Holdings plc Group, has been established to offer a total package of raw materials to the landscaping and amenity markets.

Utilising in-house raw materials, Landscape and Leisure will be offering an extensive range including: woodchips for walkways, mulches for general landscaping, sedge and sphagnum peat, spent mushroom compost and topsoil.

Whilst looking to offer an extensive service to the landscape and amenity markets Landscape and Leisure will also offer an extensive range of products suitable for the equestrian market.

For further information contact: Landscape and Leisure Ltd. Tel 0522 537561. Fax 0522 531609. Telex 56367.

Continued on page 29



**<sup>26</sup>** Greenkeeping Management

August 1989



*have bad to play that shot* <u>before</u> the club bad that neat drainage put in?"

"Remember how you'd

There's no bigger headache than poor drainage for a greenkeeper. The effects are disastrous for members. The cure can be chaos for the club.

But now Fin Drains provide the scientific solution for every part of the golf course. Proved all over the world, these slim and lightweight drains take away water faster than pipes can. They require less excavation, back-fill and spoil removal. So neat and simple, there's virtually no disruption to play.



48

Why not send for details of our Free Drainage Survey Phone now for FREE SURVEY details!



PO Box 3. Centurion Way, Farington, Preston, Lancashire PR5 2RE Tel: 0772-421711. Telex: 67530 BTRLEY. 28 Greenkeeping Management



## Woodchips for walkways

D'D

## **Mulches for landscaping**



Also peat, spent mushroom compost, peelings, top soils, etc.





Advertising Feature



GREENKEEPING

The Damcon KLR 1200 treeslifter/rootballer.

#### Golf Landscapes Ltd

Golf Landscapes Ltd have the reputation for technical expertise and quality of workmanship. They have a highly experienced workforce and a modern fleet of specialist machinery capable of undertaking the most complex of constructions, including long term maintenance of golf courses following construction works.

Golf Landscapes also offers a turnkey design and build approach, a service of site appraisal and feasibility study for new sites in conjunction with leading European golf course architects.

Golf Landscapes Ltd have commenced construction works to three new golf course projects recently awarded to the company at Graveley, Hertfordshire, Brampton near Huntingdon and at Kirby Muxloe.

Jonathan Gaunt, a Leeds University graduate, has recently joined Golf Landscapes Ltd as a designer to enable the company to continue its design and construct service.

The company operate extensively in the provision of playing fields and sports grounds for both private and public sectors throughout the UK. Much work

#### Van Dam Treelifter

The Van Dam Damcon KLR 400, 600, 800 and 800+ treelifters/rootballers have two unique features:

 The ability to select, lift and rootball trees sideways, i.e. inter-row working ability.

 The machine lifts the rootball with a flat base, thus enabling the lifted tree to stand up on its own.

There is a self-propelled model with a choice of blades (40, 60, 80cm), and a tractor-mounted version is available with the option of being fixed fast or on a 3-point linkage.



has centred around new playing field construction for local authorities at schools.

Golf Landscapes Ltd design service and constructional capability is based upon proven methodology and backed by scientific appraisal.

The company is a full member of the British Association of Landscape Industries.

Of the sportsground and golf courses Golf Landscapes Ltd construct, the majority as an integral part of the contract, require a period of maintenance upon completion of construction works. Over the years Golf Landscapes Ltd have been involved in many small projects and have established their own team of experienced groundsmen and greenkeepers, capable of maintaining all types of sports turf, from the golf green to winter sports pitch.

In recent years Golf Landscapes Ltd have developed operations within this division of the company to undertake contract maintenance. Most recent work includes the maintenance of the Waterside Farm Golf Course, Canvey Island, Essex, for a five year period to 1993. The work comprises of all routine and specialised greenkeeping operations.



Woodcare deal with trees - the bigger the better!

#### Woodcare

Trees are one of the most important assets of a golf course. On a parkland course individual trees are of great value. On woodland courses it is the number and density of trees that gives the course its character. Different approaches to maintenance are therefore needed. As trees grow, thinning is required as fairways and greens suffer badly from shade and micro climates that stifle growth. Thinning is particularly vital in densely wooded areas.

Golf course fairways, greens, woodlands and trees are inextricably linked and cannot be separated. The health of one affects the other.

Woodcare specialises in golf course maintenance. Over the past ten years golf has become a large industry which is leading to ever more sophisticated maintenance techniques. Pressures on a golf course have grown and the greenkeeping work volume has increased considerably. Trees and woodland may often suffer as a result and only get attention in brief slack periods.

With previous golf clubs, Woodcare has set up five year maintenance plans in close consultation with the greenkeeper and greens committees, it has then carried out these maintenance plans.

Much smaller jobs are also done by Woodcare using the firm's aboricultural skills to give trees individual attention when and if the need arises, thus carrying out all off course work that greenkeeping staff have neither the facilities or the time to do.

Continued on page 31



August 1989



## Landscaping/Construction

### **ICI** Agrochemicals

GREENKEEPING

All the skill and effort in producing some of the finest putting surfaces in the world of sport today is not applied so readily to the off-course areas from which many club visitors take their first impression.

There are many horror stories told by visiting societies of weeds growing around the club house, through cracks in paths and drives and invading the car park; of ornamental gardens and rose beds covered in bugs and blemishes and hastily arranged beds sparsely planted out with straggling flowers. It is this offcourse area that often looks neglected when compared to the results of on-course activity.

Is the reason a confusion of roles and responsibilities between the Greenkeeper, Committee, Secretary and owner? Does the Greenkeepers responsibility end when he steps off the 18th green. Is the Secretary too busy or preoccupied with playing times and members' subscrip-tions? Whatever the reason very little attention is given by many clubs to the landscaping aspects of the club house areas, car parks, drive and shrubberies. ICI Professional Products have

a range of products that can provide a full programme of weed, pest and disease control as well as landscape enhancement products without having to search through the many catalogues on the market.

Weed control on the off-course grassed areas can be obtained through the use of Super Verdone which will probably be in the chemical store already.

Preventing and treating weeds on paths, around buildings, in car parks and on drives does not present a difficulty either providing the right product is selected for a specific problem. ICI have a range of products available to provide control of weeds in all situations from safe selective control in all ornamental planting situations without damaging plants, to total weed control on non planting areas without risk

of "creep" into the grass edges. "Speedway" provides im-mediate knock-down of weeds and grasses that leaves behind no

harmful residues and is very useful for treating weeds in bunkers, as any sand knocked out onto the turf will not contain weedkiller.

The application to ornamental plantings of both "Soltair" and "Speedway" can be followed by the laying of ICI Forest Bark and Ornamental Chips to add a highly decorative finish to shrub and rose beds. Both products will suppress weed growth and retain soil moisure and can last for up to three years when used as a mulch.

A futher product from the ICI range can be used to provide total control of unsightly weeds. "Groundhog" differs from the two previous herbicides in that it will kill all vegetation it comes in-to contact with and is therefore very useful for long term weed control

Completing the off-course anicure is "Casoron" G-4, a manicure is powerful residual herbicide which controls broad leaved weeds and grasses around established roses, ornamental trees and shrubs.

#### Terralift

The Terralift is doing its own round of golf; relieving subsoil compaction on golf courses around the country.

The Terralift drives a hollow probe into the soil up to a depth of 30" and releases a charge of compressed air at a pressure of between 100 and 300 psi via three holes at the base of the pro-This release of air causes the soil to heave and fracture while leaving the surface relatively unaffected. At the same time products can be distributed through the soil with each charge of air and normally a soil filler and a dried seaweed soil conditioner which expands on hydra-tion is injected. These help to keep the fissures created by the Terralift open. To stablise the probe holes coarse grade. Fullasorb or Perlag are used as a back fill.

The applications of the Terralift on golf courses are many and varied to include: old greens, poorly constructed new greens, thatch control, tees, wet areas on



The highly mobile Terralift aerator. fairways and waterlogged

bunkers The 350 kg pedestrian operated Terralift can also inject other

therapeutic products, pesticides and fungicides. Good results have been achieved by the Terralift in STRI trials on the control of type 1 fairy rings by the injection in-to the soil of fungicides.

Colin Pryce Terralift has recently purchased one of the latest Terralifts with an increased output. A second Terralift is now being operated by Richard Shipp and Partners of Ely. The two companies work in close cooperation with each other and aim to continue giving an efficient soil restructuring service throughout Great Britain. Free demonstrations are offered and wherever possible a site visit is made in order to give an quotation.

Contact: Colin Pryce Terralift, Crowcroft Road, Ipswich. Tel and Fax: (0449) 741012.

#### Vermeer at Longleat

A major tree shifting operation is currently under way at Longleat Wiltshire as part of the in development of a new children's play complex due to the opened soon.

130 semi-mature trees in all a mixture of native English species – are being lifted from the nearby estate forests, transported and re-planted by a Vermeet TS50 Tree Space, owned and operated by Dorset tree surgeon Keith Banyard.

The stately home's new 3-acre attraction is designed to resemble a medieval castle, complete with ramparts and towers, and larger trees rather than saplings were preferred to complete the landscape. According to Longleat's Head Forester, Mr. John McHardy, ten times the number of sapl-ings would be required to achieve anything like the same effect.

The tractor-mounted TS50, supplied by sole UK distributor Equipment Vermeer (UK) Limited, has four hydraulically-Limited, has four hydraulically-operated steel spades and is capable of moving trees of up to five inches in diameter. The resulting root ball – 50 inches across and 48 inches deep – en-sures the best chance of survival even where trees have to be transported some distance, in this case about two miles.

For further information con-tact: Vermeer Equipment (UK) Limited. Tel: (0258) 54226.

Continued on page 32



53 August 1989

Greenkeeping Management 31

# Our bite is as good as our bark



ICI were pioneers in the introduction of bark to the landscape garden. It transformed the look of beds and borders, conserved vital moisture, suppressed weeds and brought safety to play areas. But 'Forest Bark' products are only part of the modern range of Professional Products. They have some pretty lively partners:

#### SITE PREPARATION

**'Speedway'** A contact herbicide that kills all broad-leaved weeds and grasses. Widely used pre-rotavating or as a clean-up prior to planting out and reseeding.

'Enmag' A unique granular compound fertilizer (4:19:10) that provides plant nutrients in a slowly soluble form throughout the growing season. Applied to the top soil or to the root area when planting trees and shrubs.

#### TREE & SHRUB PLANTING

**'Planting Compost'** The complete quality planting medium based on sphagnum peat, enriched with 'Enmag' and fritted trace elements. Formulated to supply the vital nutrients needed to build new root systems and encourage establishment.

'Forest Bark' Composted Bark A soil conditioner, planting medium and mulch. Lasts at least 3 years in the soil and provides nitrogen over an extended period.

#### SITE MAINTENANCE

'Forest Bark' Ornamental Chips Long-lasting decorative bark for shrubberies, beds, paths and forest walks. Lasts for 3 years when used as a mulch and provides a resilient springy surface in play areas. **'Casoron' G, 'Casoron' G-4** Residual weedkillers for total weed control in non-crop areas, and for weed control around trees, roses and certain ornamental shrubs. Granular formulation makes application simple and convenient.

'Groundhog' A total herbicide for use on paths, drives, play areas and waste ground.

'Nimrod'-T The professionals choice for the prevention and control of mildew, blackspot and other diseases on roses and ornamental plants.



TEL: (0252) 733919

"Speedway', 'Enmag', 'Forest Bark', 'Groundhog' and 'Nimrod'-T are trade marks of Imperial Chemical Industries PLC. 'Casoron' is a trade mark and product of Duphar B.V., Weesp, Holland. 'Speedway' contains paraquat.'Casoron' G and 'Casoron' G-4 contain dichlobenil. 'Groundhog' contains aminotriazole, diquat, paraquat and simazine. 'Nimrod'-T contains bupirimate and triforine. READ THE LABEL BEFORE YOU BUY: USE PESTICIDES SAFELY.

54



#### Axba Tipper

The 'Tippit' is ideal labour saving equipment for landscapes, golf clubs, parks, sand & gravel producers, builders, farmers, market gardeners, vehicle hire, stables and local authorities for all their tipping requirements, as it converts a standard pick-up truck into a tipper truck.

The installation of the 'Tippit' body consists of removing the tail-gate and drilling four holes. (Approximate fitting time hour). The body protects the pick-up bed and hydraulics from damage, and replacement of the tail-gate adds higher resale value if transferring the 'Tippit' to another vehicle.

The 'Tippit' is made of heavy duty steel welded construction and protected with an enamel finish to match the colour of the pick-up. It is designed to fit all pick-up type vehicles marketed in the UK and Europe.

The 12 volt power unit and hydraulic cylinders are supplied by a leading British hydraulic manufacturer, and fully war-ranted for one year, with push-button switch operated from the cab, or with a wandering lead to the rear of the vehicle for measured control of the 40° lift. This is useful if using the vehicle for spreading sand, grit, salt or grass seed while in motion.

For further details about any of the companies advertising in the magazine or mentioned in Product Focus, simply circle the number that appears within the 'flag' on the Reply Paid Reader Service Card and send it off to us.

#### Brian D. Pierson (Contractors) Ltd

Brian D. Pierson (Contractors) Limited was founded in 1977 and has been responsible for the construction and alteration to over 80 courses, including alterations to most of the Open Championship venues. This Wimbourne based company

are presently operating major construction and alteration projects on 12 golf courses at St. Andrew's, Bodmin, Goodwood, Wrangaton, Chichester, Mill Ride, St. George's Hill, Nor-thampton, Forest of Arden, Tar-porley, Dalmahoy and Chantilly. This is in addition to other specialist maintenance and sports ground construction projects.

The company is now well established within the industry, offering experience combined with proven performance. Both the landscaping, sports

ground section and the specialist maintenance side of the company have expanded rapidly with three Captain Vertidrons.

August 1989



Landscaping/Construction

The practical efficiency of Bark Products is evident.

#### Aeration & **Drainage Services**

Aeration & Drainage Services was formed in 1984 by Paul Wright, who was at that time Head Greenkeeper at Dale Hill Golf Club, Ticehurst, E. Sussex. Starting with one tractor and

one Verti Drain, operated by Paul himself, the business has gone from strength to strength. At present there are five Verti Drains and other machines such as a Wizz Wheel Trencher with high level conveyor and back fill hoppers for all kinds of trenching, drainage systems and sand/gravel slits. There is also a Twose turf conditioner, soil ameliorator (Robin Dagger compressed aerator), top dressers and over seeders

Paul says that with more and more demands being put on the Greenkeeping staff, as a result of the ever increasing amount of play, there is less time for clubs to carry out their own construc-tion/alterations. It is a natural progression for Aeration & Drainage Services to follow and it makes good sense to carry out construction work during the

summer months, meaning a project taking months over the winter period (when staff are available and weather conditions permitting), can be completed in a matter of days or weeks.

#### S.C.C.

Steven Curtis, emphasised the importance SCC attach to the benefits of proper aeration. "We have invested heavily in marketing the dramatic and immediate effect which the Verti-Drain system can provide. The combination of soil penetration and the breaking up of compaction without damage to the turf gives us the opportunity to treat golf courses, greens, fairways, bowling greens, cricket pitches and outfields, soccer and rugby pitches, race courses, tennis courts, parks and lawns. In the 9½ years since SCC

Lands Maintenance was born, the company have developed a comprehensive range of services including golf course construction, maintenance, alteration and drainage, plus verti-drain hire.

Brian D. Pierson has a reputation for service through mobility.



**Bark Products** 

Bark Products (H&L) Ltd. has developed grades of bark to

economically meet the differing requirements of individual land

scaping projects. The company also supply graded bark required

for more ornamental uses, such

as the decorative enhancement

of borders, rose/shrub beds and

play areas as a safety surface. Bark Products have five pro-

duction sites, ensuring alter-native grades from localised sites

and that the haulage element of

the total cost is kept to the minimum, whilst at the same

time matching the landscapers

As the uses of bark have become firmly established over

the last ten years, Bark Products

has also concentrated its efforts

into not only offering the total range of products but into ensur-

ing that its customer service is

maintained at the highest level.

tact: Bark Products (H&L) Ltd. Tel 0522 537561. Fax 0522

513609. Telex 56367.

For further information con-

Fax 0522

main quality requirements.