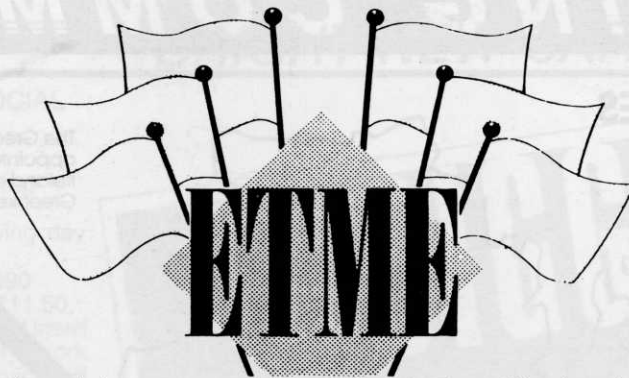


E.T.M.E. PREVIEW

ETME II next month at Harrogate confirms the desire by both the industry and the profession for an annual exhibition and conference held in January. A wide and varied selection of equipment will be on view at the exhibition which runs concurrently with a superbly organised seminar.



G.P.I. (UK)
GOLF Projection International (UK) has been formed to add an extra dimension to the already successful West German based Golf Projection International. A golf project development and construction company.

The company will be headed up by Kevin Munt the former course manager of the Wentworth Club. Kevin has been working in Germany as the technical director for G.P.I. during the past year.

In his role as managing director of G.P.I. (UK) Kevin will be bringing together a strong advisory and management team to offer a full service to golf development projects and golf establishments requiring expert advice.

Already on G.P.I.'s team are such names as Gary Player Design Ltd., John Jacob's Golf Associates.

This is obviously a team with a wealth of experience covering the whole aspect of design, construction and management of golf operations.

If you are starting out on a golf project or need help with an existing golf operation - we are your partners.

allowed the company to expand its production to over 400 acres. With current output in excess of 3 million container grown plants, 2½ million seedlings and transplants, 1 million whips and trees and 50,00 advanced nursery trees.

A specialist team of sales staff with a thorough knowledge of the environment/amenity market are available to help with your enquiries.

1987 saw the establishment of a nursery site in Chobham, Surrey to support and supply landscape contractors etc in the London area.

The main production is in and around Hereford. Wyevalc Transplants specialise in young seedlings and transplants. Wyevale not only grow advanced size trees but also offer a full planting and maintenance service.

We are also involved in a joint venture Floralmile Roses who concentrate on the introduction, production and marketing of the Meidiland range of landscaping roses.

Aware of the increasing demand for high quality leisure facilities, which require attractive and sympathetic landscape planting Wyevale will be making a concerted effort during the 1990's to keep the Greenkeeping management sector of the industry fully aware of our product and services.

tractor for the golf landscaping and local authority markets.

Improved linkage geometry means more than 100lb additional lift capacity and the extra hp, heavy duty clutch and gearbox provide the extra power vital for turf maintenance such as vertidrain work on sloping ground. For golf course applications special smooth profile turf tyres are available to protect fine turf.

Kubota are also showing the Kubota B50 series of 17-24hp compact tractors and highlighting the unique Kubota Bi-Speed Turn feature which makes turning tighter than any other 4WD tractor - an ideal steering system for mowing efficiency and turf protection.

All Kubota compact tractors can be fitted with a wide range of Kubota matched implements.

Kubota are specialists in turf-care and at ETME are displaying models across their complete range of ride-on mowers including the G1700 and G1900S - widely used for all day mowing of large acreages.

Both models have new generation Kubota 3-cylinder diesel engines with TVCS - three vortex combustion - a system ensuring complete combustion, giving maximum fuel economy with greater power output and cleaner exhaust.

These machines are real workhorses and both models have hydrostatic transmission, cruise control to increase output with less effort, a quick attach mowing deck and a fuel tank that will permit all day working on a single fill-up.

and bottom blades for over 30 years and pride themselves on the ability to produce cylinders to fit any professional machine over 18" in length. During their 30 year span in the business a combination of high quality material expertise and techniques of manufacture have provided them with products of exceptional quality and durability, so much so that they are able to guarantee their cylinders. Should they break under the normal mowing conditions or upon hitting the odd immovable object such as sticks or stone, they undertake to replace them FREE OF CHARGE.

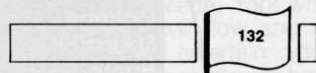
Over the past years they have concentrated on expansion of the export market particularly into the United States of America, which they consider the area of greatest growth, and have supplied to many municipalities, golf clubs, resort hotel courses and country clubs.

The Lavery Grinder, developed within the Leader range, heralded by many as revolutionary, led to the Supreme Auto Leader, which is still the only machine of its type.

Singleminded in producing perfection, a unique dual-purpose wheelhead was designed, quite unlike any other dual-purpose machine on the market. The wheelhead itself incorporates two grinding stones, one of which is purely for cylinder production, and the other is a cup wheel for bottom blades.

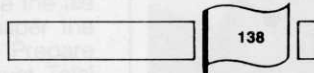
From this the next step was to develop a full range of machines suitable for any type of business, from the largest to the smallest, and to this end they launched a modular design, utilising the same frame size and specification for all machines, allowing one basic machine to be upgraded as and when required.

These machines are fully cabinet built and the operator has simply to switch them on and walk away, leaving them to spin and grind automatically. Far superior to the old and out-dated dry grinding units, which rely entirely to manual adjustment from each end of the machine and which M.M.M. maintain can never be truly accurate.



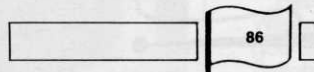
WYEVALE Nurseries are one of the United Kingdom's leading growers of trees and shrubs. We pride ourselves in the quality and service that we offer, using our own fleet of lorries we can deliver nationwide.

The introduction of modern techniques, buildings, equipment and specialist units has

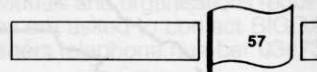


KUBOTA
KUBOTA, the market leaders in compact tractors, are launching a new tractor at the European Turf Management Exhibition at Harrogate, 24-26 January 1990.

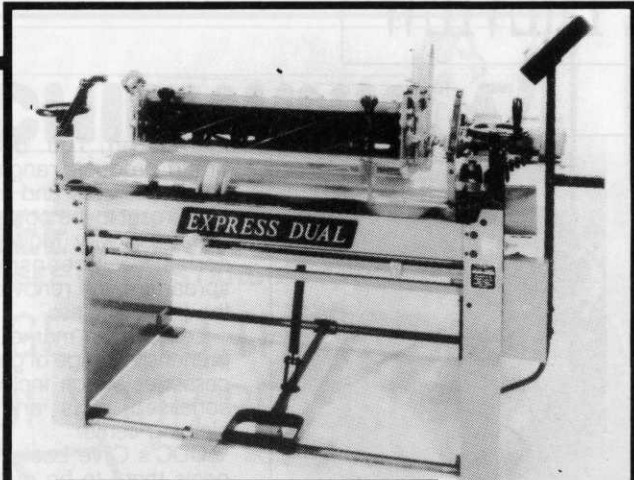
The Kubota L3250 is a 40hp machine with 32 PTO-hp and 4WD, has integral power steering as standard and is an ideal



MOWING Machine Maintenance Limited, have concentrated on the manufacture of cylinders



SEE US ON STAND A11



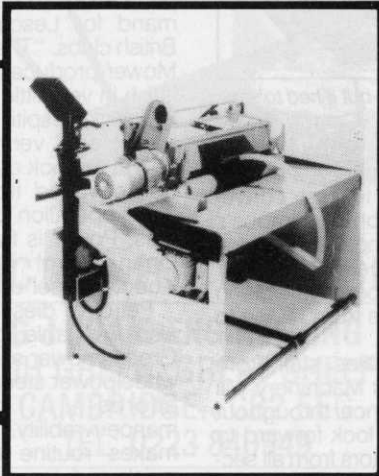
WHICHEVER WAY YOU LOOK AT IT... ...THE EXPRESS DUAL A CUT ABOVE THE REST

With over 100 years experience we combine all the traditional skills of cylinder grinding with the advanced technology of the Express Dual.

A precise and beautifully made grinder that particularly complements the TORO range to provide the practical solution for keeping those cylinders sharp and the greens as you want them — innovation, a commitment to excellence and at an economic cost — the Express Dual — a real cut above the rest.

**LOW COST user-friendly
FINANCE PACKAGES
now available**

As well as our market leader, we also manufacture a complete range of bottom blade grinders including The Anglemaster which is ideally suited to work alongside The Express Dual — send for our brochure for all the facts.



ATTERTON & ELLIS LTD

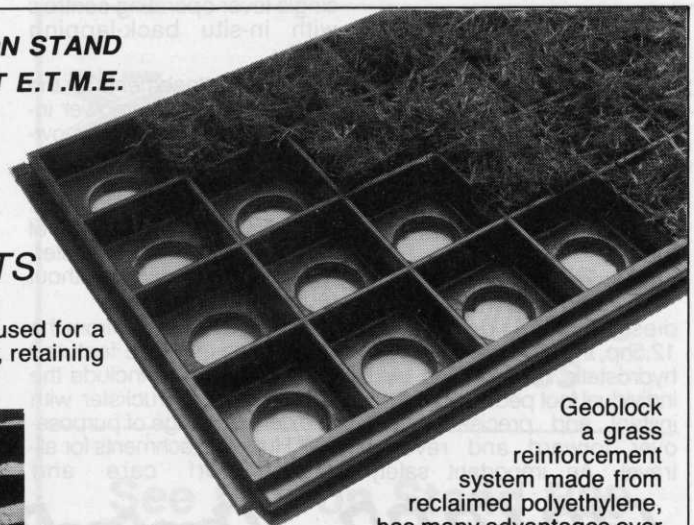
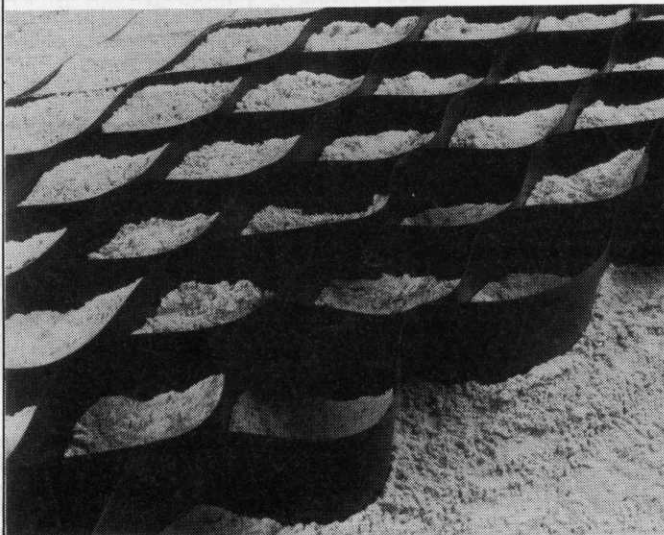
Iron Works, Haverhill, Suffolk CB9 8QH
Tel: 0440 702312 Fax: 0440 712138

MANUFACTURERS OF FINE CYLINDER GRINDERS FOR OVER 100 YEARS

COOPER CLARKE GROUP PLC SPECIAL PRODUCTS

SEE US ON STAND
A4 AT E.T.M.E.

Geoweb is a three dimensional soil stabilisation system, used for a wide variety of applications — embankment reinforcement, retaining walls, road construction, etc.



Geoblock a grass reinforcement system made from reclaimed polyethylene, has many advantages over more conventional concrete products. Used for temporary car parking or fire access, the interlocking units are quick to install and form a secure construction for taking any loads, from pedestrians to H.G.V. vehicles.

Stone Hill Road, Farnworth,
Bolton BL4 9NG

Tel: 0204 706800. Fax: 0204 75472

Reg Office: Stone Hill Road, Farnworth,
Bolton BL4 9NG.

Registered in England No. 1214940

**COOPER
CLARKE
GROUP PLC**

SPECIAL PRODUCTS

E.T.M.E. PREVIEW

ROLAWN

HOW will you satisfy your players, your committee and your own staff next year? One way will be to make a resolution to visit Rolawn's stand at ETME in January to see with your own eyes how the company's products can help you.

For instance, the exclusive Rolawn Advantage, is the only greens turf on the market supplied guaranteed free of annual meadow grass.

Then there's the unique network of Rolawn turf depots set up throughout the country so that local clubs can order direct. This is the only way to ensure that you get genuine Rolawn and not an imitation.

The company is taking steps to ensure uniformity of turf, soil and sward so that the name "Rolawn" will always mean a standard of quality as well as the trade mark of the turf.

Rolawn's technical staff on the stand will be pleased to answer queries and to take your orders for 1990.



Rowlawn always welcome close inspection of their turf, but it had to stand up to close inspection here by members of BIGGA.

feature of the transmission with individual foot pedals providing instant and precise control over forward and reverse travel. An important safety feature of the transmission is full engine breaking on pedal release, preventing over-run on downslopes.

Other standard items designed to make the machine a pleasure to both use and own include power steering, fully interchangeable cutting units and grassboxes, and single lever operating controls with in-situ back-lapping facility.

Optional attachments for the Huxley 358 Greensmower include four-bladed utility mowing units, third wheel drive, verti-reel units and Turf Combs, the latter helping to lift lateral and wayward growth in front of the blades to produce faster, truer putting surfaces without reducing height of cut.

Other fine machines from the Huxley line-up to be featured on Stand A27 will include the Cushman Turf Truckster with its extensive range of purpose-built Huxley attachments for all-season turf care and

maintenance, Royer soil shredder-mixers and powerscreens for fast, convenient production of composts and top dressings, and Huxley Hydraulic Reelmowers for compact tractors, available in working widths from 5ft 6in to 11ft 6in.

Technical sales staff from Huxleys Grass Machinery will be in attendance throughout the show and look forward to welcoming visitors from all sectors of the turf management profession to the company's exhibit.

more than 700 dedicated brand products ranging from seed, fertilizers and irrigation equipment to the powerful 500 series Fairway Mowers, 300 series Greensmowers, spreaders, turf renovators... the list is endless.

Lesco even market a comprehensive range of golfing accessories which include personalised flags and safety clothing items.

CDC's Clive Lockwood expects there to be quite a demand for Lesco mowers at British clubs. "The 500 Fairway Mower produces an excellent finish in very little time" he explained. Despite its size, the machine is very lightweight, and at the flick of a switch can be converted from a 5 to a 3-unit operation for cutting golf tees. Power is from either an Onan petrol engine or a Kubota diesel unit.

Petrol or diesel options are also available on the 300 Greensmower series, the rear wheelpower steering of which affords outstanding manoeuvrability. This machine makes routine maintenance quick and simple, and offers the option of turf groomer and Verticut units.

The Honda powered Renovator 20 is another outstanding Lesco performer, designed to function as a seeder or a slicer/dethatcher. Its blade discs are spaced to provide over 40% more effective overseeding than regular machines, whilst as a dethatcher, the Renovator 20 can simultaneously overseed.

The U.K.'s already fine golf courses seem destined to look and play even better after the Lesco treatment - this is only to be expected from a company which is dedicated to the creation and maintenance of lawns and other turf areas.

34

HUXLEYS GRASS MACHINERY

CENTREPIECE of the Huxleys Grass Machinery exhibit at ETME will be the Huxley 358 Greensmower, described by all who have used this fine mower as "a true greenkeeper's machine".

Powered by a water-cooled diesel engine developing 12.5hp, the Huxley 358 has full hydrostatic transmission with individual foot pedals providing instant and precise control over forward and reverse travel. An important safety

60

LESCO

THE LESCO range of products, probably one of the most comprehensive selections of golf course maintenance equipment in the world, is now available in Britain, thanks to Suffolk-based CDC Horticultural Equipment Limited.

Established for 27 years, the Lesco company's inventory is certainly impressive offering

Fairfield one of the largest turf growers in Europe

with a choice of five grades of quality turf plus a full range of associated products and delivery service second to none, landscaping contracting service available

TURF	SOIL	SEED	PLUS
Amenity Turf Super Sport Super Turf Superfine Turf Pasture Turf	As-dug Topsoil Screened Loam Pre-turf Compost Turf Top Dressings	Landscape mixtures Sports Turf mixes Wild Flower mixes Reclamation mixes	Graded Bark and Mushroom Compost

FAIRFIELD TURF LTD Fax: (06794) 734

Fairfield Court, Brookland, Romney Marsh, Kent TN29 9RX. Tel: (06794) 731 (10 lines)

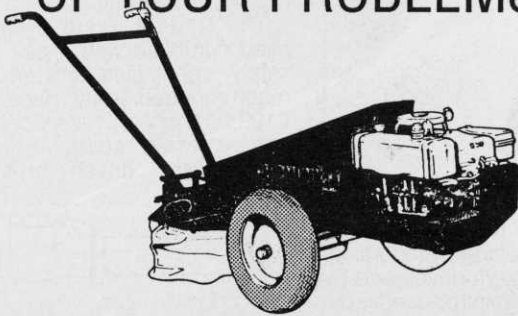
See us on Stand A9 at E.T.M.E.
The Best of British Turf



18

CHIPMUNK**TREE STUMP GRINDERS**

SEE US ON STAND B9 AT E.T.M.E.

GETS TO THE ROOT
OF YOUR PROBLEMS

CONTACT US FOR MORE DETAILS

G J CRAIG ENGINEERING
11 HIGH GREEN, GREAT SHELFORD,
CAMBRIDGE. CB2 5EG
TEL: 0223 840949

Chemicals, Tools, Fuel and Equipment
Storage Problems.....**SOLVED**with a practical, secure workbase from
CLEVELAND SITESAFE LTDSEE US ON
STAND B38
AT E.T.M.E.

See us on Stand 7, East Gallery, Scotsturf 89

For further information on our wide range of units

PLEASE CONTACT

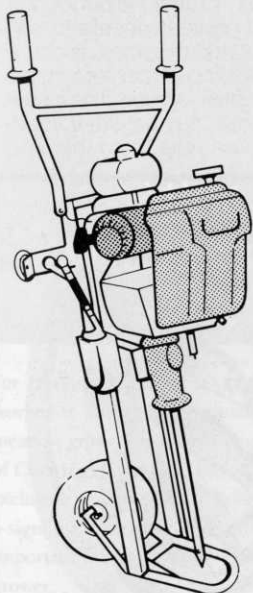
Cleveland Sitesafe Ltd.,
High Farm, Old Lackenby,
Eston, Middlesbrough,
Cleveland. TS6 8DN.



Telephone:
(0642)
453629

SOIL COMPACTION?

*The Robin Dagger will relieve
compaction and improve
drainage without surface damage.*



- Creates a permeable substructure
- Injects oxygen into the soil and around roots
- Encourages plant roots to spread both outward and downward
- Loosening of soil allows more efficient absorption of fertilisers
- The Dagger is both light and portable

SEE US ON STAND
A5 AT E.T.M.E.**SACHS****DOLMAR SACHS-DOLMAR (UK) Ltd.**SACHS-DOLMAR House, Clare Street, Denton,
Manchester M34 3LQ. Tel: 061-320 8100. Fax: 061-335 0114.

Please send me more information on the Robin Dagger.

Name _____

Company _____

Address _____

TRADE MARK

ESTABLISHED BEFORE
1770

Garfitts Ltd.

TRADE MARK

ESTABLISHED BEFORE
1770

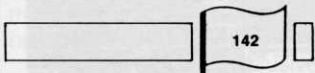
*Leading Manufacturers of
Grass Cutting Cylinders
and Bottom Blades*

See you on Stand B39

Cross Scythes Works
106 John Street
Sheffield S2 4QU
Telephone: 0742 726240
Fax: 0742 728459
Telex: 547676
CHAMCO G FOR SANGAR

E.T.M.E. PREVIEW

For more information contact Clive Lockwood or Alan Clarke at CDC Horticultural Equipment Limited, Chapel Works, Waldringfield, Woodbridge, Suffolk, IP12 4PT. (0473) 36791.



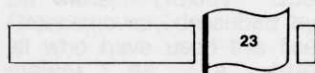
CLEVELAND SITESAFE LTD

CLEVELAND Sitesafe Ltd well known as manufacturers and suppliers of chemical storage units, will be exhibiting two new lines at E.T.M.E.

The fuel safe, a diesel tank mounted above a walk-in base combines purchasing economy and metered delivery with secure storage facilities. Standard sizes are 350 gallon, 500 gallon, and 1,000 gallon capacity.

The new trucksafe range, although designed for mounting on the back of an open vehicle is equally applicable for depot storage of those thousand-and-one small items and hand tools which have a habit of "going missing". Five models are available from 2ft to 6ft in length.

For further information contact: Cleveland Sitesafe Ltd, High Farm, Old Lackenby, Eston, Middlesborough, Cleveland TS6 8DW. Tel. (0642) 453629.



ERIC HUNTER GRINDERS LTD

THE recent round of autumn exhibitions have paid dividends for the Hunter Grinder Company, particularly with respect to sales to



The McLane Trim 'N' Edge.

several important golf courses. The exhibitions referred to being Windsor, Haydock and Scoturf at Edinburgh, all successfully organised by the Institute of Groundsmanship.

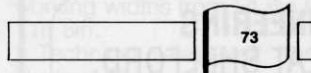
Hunter's report orders confirmed by Muirfield at Gullane, East Lothian, Leek Golf Club in Staffordshire and Slayley Hall Golf and Country Club in Northumberland.

Having installed mower grinding machinery into Gleneagles Hotel and Carnoustie Links recently, the Hunter grinders have established themselves as "the firm to deal with" and the premier supplier of this type of equipment in Europe.

One of the most significant advances in mower grinding technology has been achieved by Hunter Grinders, and strangely enough the principles involved are not new. It is well known in precision engineering, that the way to sharpen revolving cutting tools is to sharpen each blade individually, thereby producing a 'backed off' blade with a leading cutting edge.

Historically the repair trade in

Britain has preferred to spin grind the cutting cylinders, as until the system developed by Hunter's was introduced, spin grinding was the most effective way to do the job.



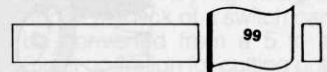
CENTRAL SPARES LTD

THE McLane Trim 'N' Edge was introduced into the U.K. by Central Spares Ltd during 1989. Combining the benefits of a nylon line brushcutter with the stability of a wheeled lawnmower, the Trim 'N' Edge proved very popular with domestic and semi-professional users who wanted the benefits of a petrol driven brushcutter without the inconvenience of having to physically carry the machine whilst using it.

The unique feature of this machine is that the entire cutting head/engine assembly can be rotated through 90 degrees enabling it to be used both as a conventional brushcutter and as a very efficient edger.

The Trim 'N' Edge is powered by a 2hp Tecumsh two-stroke engine that produces ample power to avoid clogging or stalling in difficult conditions. Cutting height is adjustable from 0-4 inches and the cutting width is 20 inches by means of a 2-line head. An instant safety clutch allows the engine to be run without the cutting head turning.

The Trim 'N' Edge is supplied complete with a pair of safety spectacles and at a recommended selling price of £199.95 (inc VAT) is very competitive when compared to other petrol driven brushcutters.



COOPER CLARK GROUP PLC

COOPER Clark Group Plc are specialist distributors of several geotechnical products, and will be exhibiting the latest additions to their range, Geoblock and Geoweb.

GEOBLOCK is a new type of grass reinforcement made from reclaimed polyethylene waste, which offers several advantages over more traditional products. The system provides a high percentage of grass cover, giving a more natural finished appearance. The units are extremely quick to install, being large and lightweight; a typical rate for laying being approximately 45m² per man hour.

An interlocking tongue and groove profile around the blocks prevents localised settlement and provides a secure construction - safer for vehicle and pedestrian use. The installed blocks may be either seeded, or turf rolled into them, to

See us on Stand B12 at E.T.M.E.

MARK YOUR CARD...
...NOT THE GREEN!

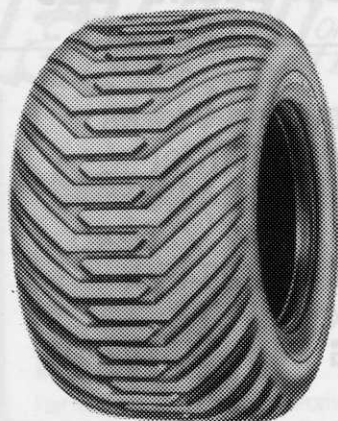
by using

TRELLEBORG TYRES

Designed with turf care in mind, TRELLEBORG tyres allow the use of the heavier equipment that is now appearing on the market, without damaging the delicate surface or subsoil.

Our engineers can recommend a fitment for almost any machine, having at their disposal, 41 tread patterns and 85 tyre sizes.

TRELLEBORG LTD 90 Somers Road, Rugby, Warwickshire, CV22 7ED. Telephone: 0788 62711



Watermation and T & G TURF IRRIGATION of Ripon



We invite you to visit us on STAND B4 at the ETME Exhibition to view the latest quality equipment from WATERMATION SPRINKLER and CONTROLS, Europe's leading manufacturer. Expert installation from their local dealer, T & G TURF IRRIGATION SERVICES, of Ripon.

Watermation (0483) 770303

T & G Turf Irrigation (07865) 2941

After 18 years of development
you'd expect our new greens turf to
have one or two advantages.

For 18 years, scientists at Queen's University, Belfast worked to solve the perennial problem of annual meadow grass. The result is a unique seed mixture of Chewings fescue and browntop bent for our exclusive new greens turf, Rolawn Advantage. It's a significant breakthrough and represents another important milestone for Rolawn, Europe's finest turf grower.

So what are the advantages?

- First, no annual meadow grass means the smoothest textured, "greenest" green for your members (and your committee).
- And Rolawn Advantage is actually guaranteed supplied free of annual meadow grass.
- There's also the option to have Rolawn Advantage closer mown to bring the green into play even earlier.

- There's fast delivery nationwide (within 12 hours of harvesting) from Rolawn's own network of Turf Depots.

- And of most importance, there's peace of mind—through Rolawn's fastidious reputation for quality. Quality achieved through meticulous checking of every part of every field. (Ask any top greenkeeper and he'll tell you as much).

**VISIT US
ON STAND
B.30**
AT THE EUROPEAN
TURF MANAGEMENT
EXHIBITION

If other turf growers promise similar advantages, just check their credentials.

You can check ours by filling in the coupon and sending (FREEPOST) for the Rolawn Advantage Information booklet. Even better, you could book an inspection visit to see the turf for yourself. We'd be delighted to welcome you.

To: Rolawn Ltd, FREEPOST, Head Office, Elvington, York YO4 5DH

Please send me without delay my copy of Rolawn Advantage—The Ultimate Greens Turf /we should like to inspect the growing turf Please send details of your other turf and how I can obtain it

Name: _____

Club/Business: _____

Address: _____

Tel No: _____

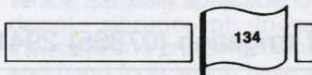
Rolawn® EUROPE'S FINEST TURF

E.T.M.E. PREVIEW

give immediately the desired finished appearance.

GEOWEB is a three-dimensional soil stabilisation system, which enables the use of low-grade or native fill materials for even the most demanding load support and erosion control applications. This can provide an inexpensive solution to many ground-work problems. It is an extremely versatile product, and has been proven in a wide variety of applications, including road construction, embankment stabilisation, retaining walls, and the prevention of water erosion in both river and coastal situations.

Cooper Clarke Group have a technical department which can offer a design service and on-site support, at no cost to either the specifier or user. The exhibition stand will be manned by some of their technical staff who will be pleased to explain the systems in more detail.



ICI PROFESSIONAL PRODUCTS

ICI Professional products are giving their continued support to BIGGA and the European Turf Management Exhibition. As well as exhibiting they are once again sponsoring the comprehensive educational programme that has been organised by BIGGA in conjunction with the NTC.

The ICI stand will feature the top selling range of "Longlife" slow release fertilizers that have been specially formulated to meet the nutritional requirements of fine turf and sportsfields. The "Longlife" fertilizers are organically based assisting in the quick breakdown of the granules and their true compound composition means an even spread of key nutrients.

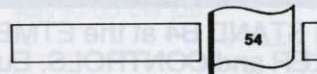
Most "Longlife" products contain phased release Nitrogen in the form of "Didin". This unique product slows the release of Nitrogen to the plant and is itself a slow release source of Nitrogen. Because it reduces Nitrate loss through leaching these fertilizers are

especially useful in areas of high rainfall, and are regarded by many as being more environmentally acceptable.

Displays will also highlight the comprehensive turf care range of products that are available to greenkeepers and grounds-men throughout the UK, including the well known products "Daconil"-turf, "Tornado" and Super "Verdone".

The ETME 1990 event will also be the venue for the launch of an exciting new project, "The ICI Premier Greenkeeper Award" to be run in conjunction with BIGGA, full details of which will be available from the stand, B28.

ICI staff will be available during the exhibition to discuss this prestigious award and how to enter, as well as answering any product related enquiries from visitors.



TERRALIFT
A SOGGY golf green can be a major headache for greenkeepers. When

bad drainage caused by compaction threatens to stop play Colin Pryce and his **TERRALIFT** pneumatic soil restructuring machine are often called in.

The Terralift injects up to 1200 litres of compressed air at a maximum pressure of 300 psi 30" below the turf surface. The release of air causes the soil to lift and fracture.

The surface then settles leaving little or no disruption. Along with the compressed air beneficial products are distributed through the soil.

The dried seaweed soil conditioner which is normally introduced expands on hydration and encourages renewal of microbial activity in the soil.

Colin Pryce has been operating a contracting service with the Terralift for three years and has recently purchased two of the latest Terralifts with a combined output of up to 600m²/hour.

The versatile Terralift has been used on all kinds of sports turf including golf greens, bowling greens, cricket wickets and outfields,

THE DRIVING RANGE

The ICI range of turf care products has been developed for professionals. Whether your target is turf weeds, insect pests or turf diseases – whether the location is fine turf or outfield, look to the driving range.

SUPER VERDONE* The effective selective herbicide which controls major broad-leaved weeds in any established turf. Three powerful weedkillers give broad spectrum cover, even to speedwell and yellow suckling clover.

GAMMA-COL* turf. Underground pest like leatherjackets and chafer grubs will cause ugly bare patches as they eat grass roots and stems. Gamma-Col turf will kill these pests and remains in the soil to give effective and long term control. The easy to use liquid formulation has contact and fumigant action.

TURF CARE PRODUCTS



Professional

ICI Professional Products, Woolmead House East, Woolmead Walk. Daconil turf contains chlorothalonil; Tornado contains carbaryl; Super Verdone contains dicamba, 2,4-D and ioxynil; Gamma-Col turf contains gamma HCH.



GREENKEEPING
MANAGEMENT

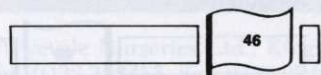
football and hockey pitches.

Being pedestrian operated with a single probe, deep aeration causes no problems where underground pipes or services are situated and even pitches with underground heating pipes have been treated.

The Terralift works exceptionally well in conjunction with conventional methods of aeration such as Verti-draining, deep slitting, tining etc. By aerating between land drains the Terralift restores the porosity of the intermediate soil enabling the water to drain laterally.

Where there are areas with limited access or steep gradients the main injecting probe can be operated, with the aid of extension hoses, away from the power unit.

For those areas where a greater depth is required the probe unit can be mounted on a digger arm to accommodate the increased length probes.



NEW LIGHT FAIRWAY MOWER FROM TORO

ELY (UK) Limited will be exhibiting products from the extensive 'Toro' range of Turf Management Equipment, including ones recently launched at the IOG Exhibition.

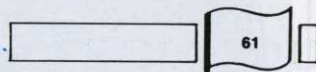
These include the new Greensmaster 1000, a 21" tournament standard greens mower capable of producing 225 cuts per yard, and featuring a high-quality bed knife and range of cut from 3/32" to 1/2". It is powered by a 3.6 horsepower Kawasaki engine. The latest in Toro's successful line of Greensmowers, the GR1000 is shown alongside the GR3000-D, the well established self-propelled diesel greensmower, and market leader in its field.

Soon to be released onto the UK market is the new Reelmaster 223 light fairway mower, designed for use on fairways and approaches, where a close, 'manicured' finish is desired. The 5 individual cutting units, complete with collectors, combine to

give a 95" total width of cut and are powered by a 23 hp Mitsubishi diesel engine.

Complementing the turf maintenance exhibits will be items from Toro's extensive range of irrigation systems.

For further information contact: Tony Golland or Graham Dale, Lely (UK) Ltd., Tel. (0480) 76971.



SYNCHEMICAL - VITAX

THE merging together in 1988 of **SYNCHEMICALS** of **VITAX** harnessed together two companies with over 100 years of service to the Horticultural trade between them.

The benefits of the merger are already becoming apparent with the introduction of exciting new products and packaging.

New 10 litre size plastic containers have now replaced many of the 20 litre tin containers in the Synchemical range and the **VITAX KEY** range is completely repackag-

ed in colour coded packs.

A unique new product has been introduced by Synchemicals to the Amenity Market called **KNOTOUT**. Launched at I.O.G. Windsor 1989 the product is a completely new answer to the perennial problem of weed invasion in newly sown or over-sown grass areas.

Containing the tried and tested active ingredient **ISOX-ABOV**, **KNOTOUT**'s residual action controls a wide range of germinating broad-leaved weeds, including **KNOTGRASS**.

The product is supplied in a syringe applicator pack. One pack is sufficient to treat 540 square metres, equivalent to an area of a football pitch goalmouths and centre circle, or an average golf green.

KNOTOUT is seen as the ideal answer for **PREVENTING** the germinations of broad leaved weeds as opposed to the treatment of them after the appearance in newly sown or oversown grass areas, therefore saving on time and costs for the Groundsman,

NG RANGE.

TORNADO: Based on carbaryl, Tornado gives economical, effective and long-lasting control of casting worms. Because it works by contact and ingestion it gives quick results and good residual activity. The special liquid formulation is easy to mix and simple to apply. After application it leaves no unpleasant odour – so as soon as the grass is dry, play can continue.

DACONIL[‡] turf. A broad spectrum fungicide for the prevention and control of major turf diseases. Its unique multi-site action and chemical composition means that even after years of successful use it continues to be effective – even sequential spraying programmes create no problems. *Daconil turf* has dependable and consistent activity at any time of year.



BANG ON TARGET!

Products

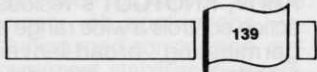
Farnham, Surrey GU9 7UB. Tel: (0252) 733919
Read the label before you buy: Use pesticides safely.

E.T.M.E. PREVIEW

Greenkeeper, Landscape Contractor and Local Authorities etc.

VITAX have introduced FINE 'N' a nitrogenous fertiliser with iron, the nitrogen content being a balanced mixture of organic and inorganic sources to give a consistent feed over an extended period.

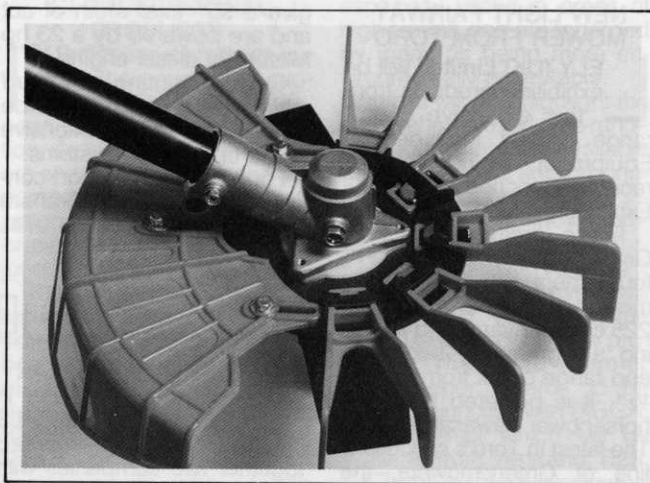
See the full range of Synchemical-VITAX products on Stand No. A26.



FULLASORB

FULLASORB, a British calcined montmorillonite product, produced from a natural mineral, is currently being marketed in the United Kingdom for improving the condition of golf greens and sports pitches.

Calcined montmorillonite granules have been widely used in the United States for many years, and more recently in Britain, for the treatment of compacted and waterlogged turf.



The Saftor Guard and Blade Assembly.

FULLASORB has the ability to absorb water in wet conditions and release it as the soil dries. FULLASORB will act as a feed control, absorbing nutrients and releasing them slowly, enabling the grass to make more efficient use of fertilizer.

When FULLASORB is incorporated into heavy soils they

become friable, withstanding compaction more easily and increasing aeration at the root zone.

FULLASORB has been used on hundreds of greens in the UK and it's ability to condition soil; as well as assist in drainage and compaction, is being noted by greenkeepers.

The difference was quickly noted by Gary Hagen, when

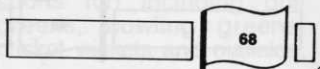
he was Head Greenkeeper at Hollywood Golf Club, near Belfast.

He noticed that untreated greens remained sticky, oozing water in times of heavy rainfall, whilst FULLASORB treated greens remained dry and healthy by comparison.

Cedric Gough, the Head Greenkeeper at Broadway Golf Club in Worcester has been using calcined montmorillonites on his greens for some time. For the last two years he has successfully used FULLASORB in his maintenance programme in conjunction with turf dressings.

He firmly believes that FULLASORB, in tiny holes in November, has helped to extend the playing period of the course, to relieve compaction on the greens and to encourage formation of fine grasses.

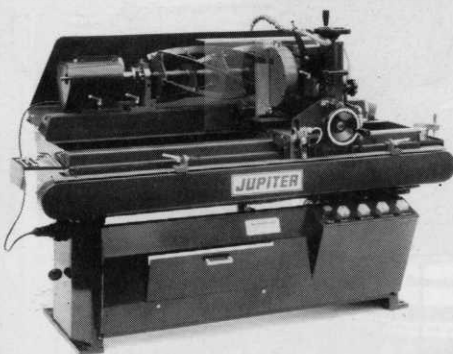
FULLASORB is available from major turf wholesalers throughout the United Kingdom.



CUT COSTS

See us at Stand (E.T.M.E.) B13

JUPITER



42" capacity Mower Cylinder and Bottom Blade Grinding Machine. A truly 'precision' grinder, built to last half a century. Used and preferred by Professionals.

Clubs supplied recently:

Carnoustie Golf Links
Cawdor Golf Club
Lingfield Park
Royal Dornock Golf Club
Gleneagles Golf Club
Goring & Streetley Golf Club
Haggs Castle Golf Club
Ponteland Golf Club
Royal Liverpool Golf Club

See us at the following exhibitions

(I.O.G.) Royal Windsor Racecourse, September 19th - 21st. Stands H3 - H4
(I.O.G.) N. West Zone, Haydock Racecourse, October 3rd & 4th.
(I.O.G.) SCOTSTURF 887, Edinburgh, November 15th.
(E.T.M.E.) European Turf Management, Harrogate, January 24 - 26th

JUNO



The NEW JUNO 36" capacity Cylinder and Bottom Blade Grinder will accommodate every make and type of Professional and Domestic cutting cylinders and soleplates. Simple to operate, fast changeover from cylinder to bottom blade grinding.



ERIC HUNTER GRINDERS LTD
HOBSON INDUSTRIAL ESTATE, BURNOPFIELD, NEWCASTLE
UPON TYNE, NE16 6EB. TEL: (0207) 70316. FAX: (0207) 70312

E.T.M.E. PREVIEW

PAICESSETTER

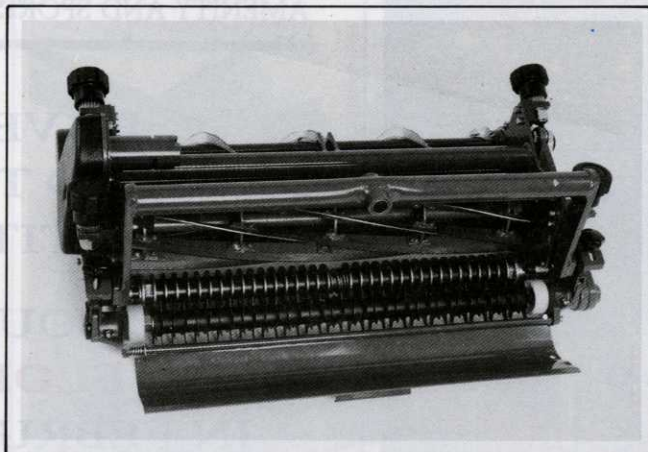
KENT-based PaiceSetter have added the new Saftor Guard and Blade Assembly to their extensive range of accessories. This unique product will revolutionise the meaning of "safety" throughout their network of brushcutter users.

The Saftor system offers a safer and more versatile way of using a brushcutter with uncompromised cutting efficiency. Each set comes complete with the Saftor Blade and a Saftor Guard assembly and all the necessary items needed to fit your machine.

You even get "Lawnmower Skids" which enable your brushcutter to cut like a small rotary mower - ideal for those awkward places. Also included is an edger attachment so the user can cut right up against trees and brick walls.

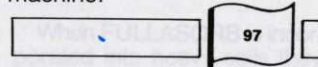
PaiceSetter offers this impressive attachment to fit their popular V25, JQ40, J40 and V500 models.

The Saftor blade's innovative design prevents injury and reduces the hazards of thrown



The Ransomes Verti-Groom cutting unit.

objects propelled by the blade. Apart from the obvious aspect of safety, the Saftor system will keep your working attire clean. The blade design is so efficient it will actually last at least three times longer than a standard slasher blade and, at the same time, reduce the shock loading on the working parts of the machine.



ALCON PUMPS

FOR the small scale irrigation duties or the larger drainage projects ALCON PUMPS invariably have in their range a unit to meet the duty.

Self priming, end suction and diaphragm are the designs with a variety of drives that range through petrol and diesel engines, single and three-phase electric motors, power-take-off and hydraulic

power.

Add to this the varied materials in which the pumps are produced, such as aluminium, brass, cast iron and plastic, they provide quite a selection.

All of these combinations allow the potential user such choice as portability and durability when you consider that the fluids to be pumped could cover clean water, suspended or abrasive solids, chemical contamination or even light oils.

Gasket materials and shaft seals can be varied to accommodate the latter items in particular.

The manufacturers of ALCON PUMPS approve and utilise new and modern prime movers as they become available, thus giving the customer the facility of an engine of his preference.

Briggs and Stratton, Honda and Villiers are still prominent in the petrol ranges and Lister-Petter or Yanmar in the diesel.

As the trend is towards the use of lightweight diesel engines alongside petrol

WELCOME TO THE WORLD OF

Rhône-Poulenc is one of the largest chemical companies in the world. Our research and manufacturing facilities, particularly in the UK, enable us to offer a product range and service second to none.

The control of weeds, pests and diseases and associated problems calls for professional management and cost-effective solutions. Rhône-Poulenc Environmental Products has, for the last 20 years, been the UK's leading supplier of a wide range of herbicides, fungicides and insecticides as well as products to control moss and to restrict grass growth.

As market leaders, we aim to provide our professional users with not only the finest range of effective, dependable products but a service that includes advice, information, training and education.



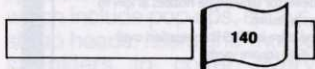
CASTAWAY PLUS CONTAINS THIOPHANATE METHYL & LINDANE. CLEARWAY CONTAINS SIMAZINE, AMINOTRIAZOLE & AMMONIUM THIOCYANATE. MILDOTHANE CONTAINS THIOPHANATE METHYL. QUINTOZENE CONTAINS QUINTOZENE. ROVRAL CONTAINS IPRODIONE. SPASOR CONTAINS GLYPHOSATE. SUPER MOSSTOX CONTAINS DICHLOROPHEN. SUPERTOX 30 CONTAINS MECOPROP & 2,4-D

READ THE LABEL BEFORE YOU BUY: USE PESTICIDES SAFELY

E.T.M.E. PREVIEW

engines on the smaller pumps the introduction of carrying frames produces a very compact and truly portable set.

Wherever **ALCON PUMPS** are in use there exists a technical and back-up service not far away in the form of an agency network, who call upon the manufacturers for support whenever necessary.



RANSOMES

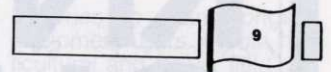
INTRODUCED to maintain consistently good putting surfaces on golf greens more economically are Ransomes new hydraulically driven Verti-Groom cutting until for their GT Greens Triple mower.

Compared with conventional greens cutting units, during trials both in Britain and overseas, the Verti-Groom units collected up to three times the amount of material after cutting a green. Besides grass cuttings, the boxes also

contained thatch and moss.

Being mounted ahead of the front disc roll the Verti-Groom, which can be lifted out of work, does not throw top dressing into the cutting cylinder and as it floats independently of the cutting unit Ransomes say it is not over aggressive.

Mounting the Verti-Groom in front of the unit keeps the distance between the front and rear rolls to the minimum which reduces the incidence of scalping on undulating greens.

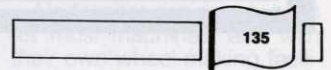


G.J. CRAIG ENGINEERING

G.J. CRAIG Engineering, manufacturers of the **CHIPMUNK** range of tree stump grinding machines are pleased to be able to show their range of machines at the European Turf Management Exhibition.

At present three machines are available, those being the 8 h.p. pull start and 8 and 12 h.p. electric start models, although they are now developing a larger model which should be available during the early part of 1990.

The machine is completely self contained. Small enough for awkward spaces but tough enough to tackle most stumps. G.J. Craig Engineering will be pleased to arrange a demonstration for you in your area if you contact them at their Cambridge works.



ENVIRONMENTAL PRODUCTS

• Welcome to our Stand •

Number B32 at the European Turf Management Exhibition,
January 24-26, Harrogate



Environmental Products

Regent House, Hubert Road, Brentwood, Essex CM14 4TZ
Telephone: 0277 261414

E.T.M.E. PREVIEW

WATERMATION/T & G TURF IRRIGATION

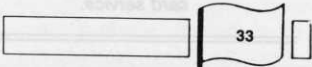
WATERMATION will have on display a full range of turf irrigation equipment suitable for all sports turf purposes, including golf, football, tennis, bowling greens and ski slopes. They also now have a full range of specialist landscape sprinklers, which include pop-ups, sprays, shrub heads, risers and mobile sprinklers to cover every aspect of garden irrigation.

Watermation are continually developing and testing out new concepts in irrigation equipment. This programme includes testing by the University of California Center for Irrigation Technology.

Of special interest will be their recently updated TW2 computer controller which is now presented in a more compact, easy to use style and has a see-through glass door for instant checking of operation. Also introduced since the last E.T.M.E. is the new model Watermobile, their travelling sprinkler, which is particularly useful for all large turf areas such as golf fairways, football fields, running tracks, etc.

Both the TW2 controller and the Watermobile have been designed and manufactured in this country by Watermation and along with their other products, are sold world-wide.

Watermation is represented in the Harrogate area by T & G Turf Irrigation, who share the stand with them. The two partners, Tony Teggin and Noel Glover have over 17 years experience in irrigation installation and have worked as a successful partnership now for over six years.



SACHS-DOLMAR (UK)

THE British Isles' leading supplier of outdoor power equipment, Sach-Dolmar (UK) Ltd., will be displaying machinery from its extensive range on stand A5 at the 1989 European Turf Machinery Exhibition.

The Robin Dagger Soil Ameliorator is an easily portable machine designed to aerate the subsoil by injecting blasts of compressed air at 150 psi, treating areas of up to 2 metres in diameter on each injection. It improves drainage, stimulates root growth and effectively alleviates soil compaction.

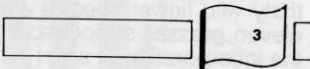
Machines from the Robin range of nine rugged brushcutters will be on display with new features which improve ease of operation even further. Robin brushcutters now range from the lightweight 16cc Model NBF 171 to the professional Model NB 50L with its powerful 51.7cc engine. All are supplied complete with safety goggles, instructions and toolkit.

Three chainsaws from the Sachs-Dolmar range of fourteen will be shown. The lightweight 33cc model 100 Super, the sturdy general purpose model 109 with a 43cc engine and choice of 15" or 18" (38 or 45cm) bar sizes, also the powerful 51cc model 111 which is an all-round performer at an economical price.

ETME will see the new Sachs-Dolmar range of seven rotary roller and wheel drive mowers powered by the well proven Kawasaki engine. The range includes electric start models and 19" and 21" blade versions. All machines feature efficient blade brakes.

Information on the Sachs-Dolmar (UK) countrywide network of dealers will be

available at the stand, also details of the company's comprehensive spares and service capability.



GARFITTS LIMITED

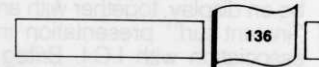
GARFITTS Limited have been manufacturing parts for the horticultural industry for over two hundred years. During that period quality has always been a prime importance together with reliability of service. Garfitts are the largest independent manufacturer of lawnmower cylinder and blades in the UK and have world-wide market distribution.

Many original equipment manufacturers, market leaders in their own field, utilise their products and work closely with them on continually improving and developing new products.

Although a larger proportion of recent business has been on the original equipment manufacturers, Garfitts never forget the traditional customers. The business has been built over many years on giving a service to equipment repairers, sports clubs and local authorities. Traditional customers are the back-bone of business. To complement the range and give additional service they have a range of engine spares, workshop tools and accessories. These are listed in a comprehensive catalogue available to trade circulation on request.

A full range of batteries is available from a sister company which specialises in the battery field. As well as supplying batteries to the horticultural trade, garage users, sports and leisure users they supply

batteries to many original equipment users in both horticultural and power field.



UNDERGEAR

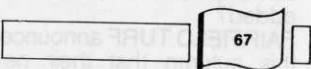
UNDERGEAR offer the most comprehensive range of Turfcare tyres in the world.

In addition to being sole U.K. distributor for Goodyear Terra tyres, Undergear are distributors for Trelleborg and Continental tyres. They also supply specific tyres from other manufacturers worldwide.

Four years ago Undergear developed their own "golf" design tyres specially for the preparation of the Ryder Cup course at The Belfry. This tyre is now available in a wide range of sizes and can be found working on courses all over the UK and in several other European countries.

Undergear can supply tyres for most machines, and with their own wheel-making facility, offer complete tyre and wheel units to customers' individual requirements.

Tyre and wheel conversions are available for all two and four wheel drive tractors, with tread patterns suitable for golf course or general amenity area usage.



INTURF

THE INTURF group continues on course to becoming the number one turf production company in the country. It has turf production units in Scotland,

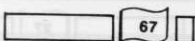
TERRA-TIRES

As sole UK distributor for Goodyear Terra-Tires, Undergear carry the complete range of sizes and types, including built-up tyre and wheel units for LGP conversions.



SEE YOU AT THE E.T.M.E. SHOW ON STAND A25

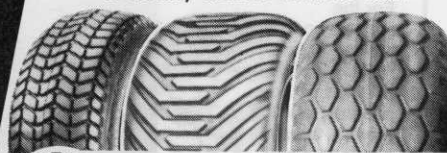
Telephone: 021-553 1606
Telex: 336584 Fax: 021-553 1307



THE ONLY BIG IMPRESSION WE WANT TO MAKE IS ON YOU!

GOLF TYRES

Exclusive golf-pattern tyres available to fit any tractor front or rear.



UNDERGEAR

BLACK LAKE WORKS, WEST BROMWICH, WEST MIDLANDS B70 0PD.

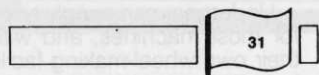
E.T.M.E. PREVIEW

Yorkshire, the Midlands and Newmarket.

Its Super Sword range will be on display, together with an "instant turf" presentation in association with I.C.I. Britag, with whom it has developed the remarkable "Tech Turf" system.

A recent development within the group has seen the formation of T.S.I. Turfgrass Services International - to provide technical and leisure marketing services to the sportsturf industry as a whole.

New brochures providing professional advice on turf laying and maintenance techniques will be available, plus personal assistance from INTURF staff on the stand. Also, winners of the INTURF Competition will be announced. Time is running out, so get your entry in before December 31st. Three great prizes including a trip to Florida are up for grabs, plus twenty five consolation prizes well worth having.



FAIRFIELD TURF LTD.

GREEN, Green, Green, nothing but green! Does this remind you of your golf course, surely it would be more interesting if some splashes of colour were added?

FAIRFIELD TURF announced this autumn that their new FLORA TURF is now ready for harvesting.

This turf is ideal for inclusion in golf roughs as well as many other landscape situations. Consideration could be given to areas such as banks, tee sides, bunker sides etc, where

a low maintenance regime is required.

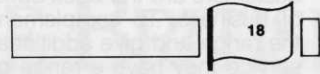
FLORA TURF was sown from a mix containing some thirty wild flower species and eleven grasses supported by the incorporation of a net into the turf backing. Once laid, the Wild Flowers in FLORA TURF soon spread, thus allowing the laying of fairly small areas of FLORA TURF to eventually achieve attractive swathes of colour.

SUPER TURF, our tees grade, is becoming increasingly popular with greenkeepers because of its tightly-knit habit and fineness of leaf, yet exhibiting very good wear characteristics.

SUPER TURF was recently chosen by Transcontinental Golf Construction Ltd for tees, bunker and green surrounds at the new Chartham Manor course in Sussex, where Fairfield Turf Ltd supplied over 12,000 sq yds.

SUPERFINE TURF has been in such demand for golf and bowling greens this year that new orders will be supplied from March 1990 onwards.

For news of further developments and information on our current grades of turf please pay us a visit on stand A9 at Harrogate.



TRELLEBORG

TRELLEBORG, The Swedish specialist tyre manufacturer, celebrated during 1989, their 30th year in production of Low Ground Pressure Tyres. The experience acquired in that time allows them to justly claim to be amongst the market leaders

throughout the world in LGP wheels and tyres.

The TRELLEBORG range of Turf, Forestry and Agricultural tyres are designed to allow access to the ground without causing surface damage and/or soil compaction. A wide range of tyre sizes and tread patterns are available to enable the selection of the optimum wheel equipment for a particular tractor/machine, or set of circumstances.

The tyres are usually supplied with custom built wheels ready to bolt on to the machine. The turfgrass tyres have earned a reputation for being eminently suitable for the demands of the greenkeeper and the groundsman.

The agricultural range include specific designs for top work, general purpose and traction. The forestry tyres are specially built to endure the tough conditions encountered in woodlands.

The arbiters of the Sport of Kings, the Jockey Club, have invested in several sets of Trelleborg tyres to maintain the valuable turf at Newmarket.

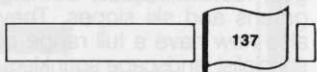
This is the site where they claim to regularly cut the widest gang mown cut in the world, (42 feet wide no less, enough to cut the racecourse in one pass).

Milton Keynes Development Corporation also have several tractors with the company's Low Ground Pressure wheel equipment in order to ensure that the acres of grassland and woodland are not damaged during maintenance.

The Superintendent of Parks at Windsor Great Park has standardised his tractor fleet on Trelleborg Tyres.

Clearly with clients such as

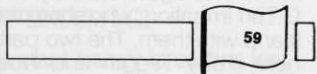
these enjoying the benefits of using their low ground pressure fitments, the company can legitimately claim considerable advantages in the preservation of delicate surfaces and subsoil condition.



RHONE-Poulenc Environmental Products is once again exhibiting its brand-leading range of herbicides, fungicides, insecticides, grass growth regulators and speciality products at ETME Harrogate.

The control of weeds, pests, diseases and associated problems calls for professional management and cost effective solutions. For the past 20 years Rhone-Poulenc has been the UK's leading supplier to the professional user with not only the finest range of dependable, effective products but a service that includes technical advice, information, training and education.

Aspects of safe use of pesticides, calibration and application techniques will also be featured on the ETME stand and of course the full technical sales team will be available to offer visitors advice and assistance with specific problems.



Don't forget to use the Reader reply pre-paid card service.

PAR 4 Irrigation System Service

For the installation, maintenance and repair of irrigation systems on golf courses, bowling greens, tennis courts and any playing areas, farms and garden sites.

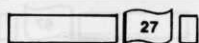


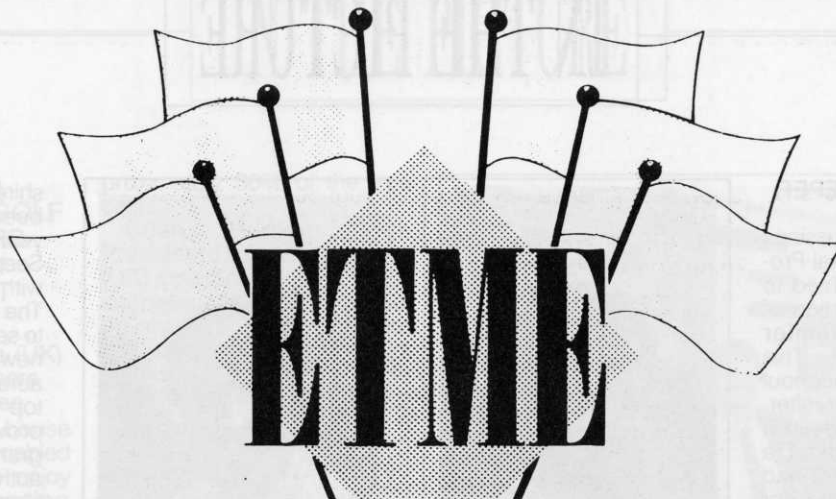
Suppliers of galvanised PVC and polythene pipes and fittings, valves, pumps, agricultural and pop-up sprinklers and associated equipment.

Area dealer for

TORO

Ash Grove Industrial Estate, Ripon
Tel: (0765) 2175. Fax: (0765) 3488. Proprietors: E. B. and L. Simms





THE 2nd EUROPEAN TURF MANAGEMENT EXHIBITION

The grass is actually growing greener in Harrogate especially for ETME 2

Plan to visit now . . . and see your Industry in Action

It's all happening this January 24th to 26th . . .

- ★ Michael Bonallack, Secretary of the Royal and Ancient Golf Club opens ETME on Wednesday, January, 24th, 1990.
- ★ The Nature Conservancy Council launches its publication "Guidelines for Nature Conservation and Golf Course Design and Management."
- ★ BIGGA launch a certification scheme leading to the award of a Master Greenkeeper Certificate.
- ★ National Turfgrass Council and BIGGA together present (starting on Tuesday, 23rd January) 32 seminar events.
- ★ There's a day and evening social programme for accompanying wives/companions.
- ★ . . . and you can explore 100's of ideas surrounding new machinery, equipment, products and services.



FOR EXHIBITION INVITATION
INFORMATION CONTACT:
George A. Wright Business Services Ltd
18 West Hill Place
Brighton BN1 3PU
Tel: (0273) 26513. Fax: (0273) 208268



FOR SEMINAR INFORMATION
CONTACT:
Neil Thomas/David Golding, BIGGA
Aldwark Manor, Aldwark, Aine
York YO6 2NF
Tel: (03473) 581/2. Fax: (03473) 8864