Make a date for the IoG Show in Peterborough, at the East of England showground between September 7–9. It's a historic occasion – the 49th and final event to be called the IoG Show, as next year there's a change of name and a change of venue. On Pages 31–35, we preview some of the companies and some of the products you can expect to see

The annual Institute of Groundsmanship Trade Exhibition rounds off the many valuable golf shows held throughout the year by presenting, at one venue, the methods and technology for other hard-used sports surfaces such as rugby pitches and grass tennis courts, which can be brought to bear on golf course management.

This year's 48th international exhibition is well into the usual hectic final booking period with exhibitors vying with each other to publicise new launches at the show. Even though the rate of golf course development slowed down in the UK this year, a record number of courses still opened for play despite the recession and the rising demand for play on existing courses means that greenkeepers and committees need more than ever to keep themselves informed about the latest methods, products and legislation affecting the running of their clubs.

A new-look IoG '93 provides for computerised visitor registration, carefully targeted invitations to internationally important sectors of the industry – including golf greenkeepers – improved catering and revised opening hours, from 9am to 4pm every day.

The last exhibition to be held at Peterborough (next year it will be renamed and staged at Windsor Racecourse near London) IoG '93 bookings stood at 217 exhibitors by the middle of July and were rising rapidly. Nearly ten per cent have never attended the IoG exhibition before and several companies, such as Atterton & Ellis and Garfitts, have increased their original stand sizes.

On arrival, visitors could begin by meeting colleagues at the BIGGA tent (C77) and then visit the Education Pavilion to chat with the Health and Safety Executive (B33) and personnel from the Department of Environment's Toxic Substances Division (B16). The National Turfgrass Council (B7) and the Sports Turf Research Institute (PC53, 24-25) will also be there to offer advice, not forgetting the IoG's own consultancy service (Members Pavilion, Row F), and a further 24 education, training and professional organisations.

Over 52 product categories from fertilisers and feeds to tyres and vehicles are on display and with so many new exhibitors and prod-







The ultimate 'green' vehicle, outdoor barbecues and many, many trade stands: some of the events from last year you're certain to see again at this year's show

ucts, members can be confident of an enjoyable and worthwhile day out at Peterborough. There were 31 companies showing golf course furniture equipment last year. Some that will be in attendance this year are Barlow Tyrie (M7-9), Better Methods Europe (PC52 1-2), BLEC (Demo 4 58-68), Gannon (E61-62), Golf Mats UK (PC52 1-2) Lappsett (D56-61) and Rigby Taylor (L39-41/51-53). Top dressing and fertiliser suppliers to visit include ICI (K42-45), Farmura (L13-14) and Gem Professional (PC51 7-8). The full range of irrigation equipment is represented by firms like Attack Engineering (H62-63), ILS Irrigation (G40), Prime Waterman (D37-37A) and Watermation (M30-31) up to the latest computerised systems.

Plentiful free parking, improved facilities and a regular shuttle service between Peterborough BR Station and the showground should make your visit a pleasant one and the new format official catalogue is still probably the best industry year-book for products and services to be had. Further information can be obtained from Anne Haddon, Exhibition Administrator, IoG, 19-23 Church Street, The Agora, Wolverton, Milton Keynes, Bucks MK12 SLG, telephone 0908 311856. The **Civic Trees Group** (stand D84-87) grow, supply and transport semi-mature trees and carry out large and small landscape projects for government agencies, councils, golf clubs, developers and industry and commerce generally, throughout mainland Britain. British grown, high quality large and semi-mature trees from their own nurseries, established over thirty years, are the best buy by far since sterling devaluation in 1962.

The Civic Trees Group hire out tractormounted tree spades for transporting customers' own trees and works to BS 4043. Trees they transplant can be maintained and guaranteed by them for two or more years to achieve complete success, yet remain within budget prices. Free consultations and site visits are available and catalogues may be had on request.

Kubota (UK) Ltd, the leading compact tractor specialists, (stand nos C69/79 and 72/75 and demo site stand 5, areas 14/15) are displaying a number of new machines at IoG '93. The line-up includes a new tractor and new mowers for the professional operator.

From their extensive machinery range Kubota are showing the complete B50 series of compact tractors, which comprises the 17hp B1550, the 20hp B2150 and the 24hp B2150.



Kubota's 18hp F1900 ride-on front mounted mowe

Larger tractors featured from the L series included the 40hp L3250 and the 60hp L5450.

Also on show are ride-on mowers, including the professional 18hp G1900 with 4 wheel steer, and the latest in mower technology, the zero turn FZ2400 and the 18hp F1900.

Power products featured include portable generators and pumps together with brush cutters and hedge trimmers.

City Irrigation (stands PSC1 45/46) will be exhibiting components as installed in their watering systems for all areas, notably for the automatic watering of golf greens, tees and fairways. The two principals of the company have over 60 years experience between them in designing and installing automatic irrigation for golf courses in the UK and other European countries, including the Middle and Far East. With some 300 golf courses concentrated in London and the Home Counties, the company now concentrates in this area on the provision of new installations and up-grading older systems.



Martin Bromage Tree Care offer a comprehensive arboricultural service nationwide. Experts in supply, planting and maintenance of semimature trees, the company undertakes major contracts for a wide range of clients. Transplanting of trees using their modern fleet of tree spades is regularly undertaken with excellent success rates and machines with a rootball size of up to 2.1m may be hired, along with experienced operators.

Dedicated to the supply of a complete arboricultural service, the Tree Surgery Division of Martin Bromage Tree Care offers services such as stump removal and brushwood chipping as an integral part of the operation. Highly skilled staff and modern mechanised techniques enable the company to offer competitive quotations.

Trelleborg Limited (stand H40/41) manufactures a very wide range of tyres and rims for different applications, such as low ground pressure wheels for grassland tractors, trailers or implements and also for farm and forestry applications. Our staff have a high level of experience and will help you with your tyre requirements. We will be pleased to listen to your needs and will make recommendations that are sure to suit. We can, of course, make site visits if you have a particular problem and

Exciting times for Pattisson

As from the 5th July 1993 "H. Pattisson & Co Ltd" came under new management. The family owned company, established in 1897 has been bought out by Mr J. F. Hinch and his family. "Over the past year there has obviously been a lot of speculation about Pattisson & Co. It is our intention to continue to build the company on the family platform that has been established," said the new Managing Director Mike Hinch. "There are quite a few internal changes that are needed to ensure our service and quality of our product is 100%."

The Luton based Company supplies the majority of Golf Clubs in the UK with products such as Flag Pins, Flags, Hole Cups and an extensive range of furnishings and equipment. The product range is large enough to cater for any request from any type of sporting club including driving ranges.

Pattissons have also acquired "F.

J. Walton Productions" who make membership tags to meet most specifications. Mr Hinch feels that the personalised badges add nicely to the quality of the products already in the Pattisson portfolio.

The established UK Company has also made good inroads into Europe, supplying distributors in Holland, France, Italy, Spain and Portugal. Mike Hinch goes on to say: "This we see as a great potential market that has not been explored thoroughly. We will be looking at our operation very closely to build a solid reputation throughout Europe."

"Pattissons can deliver anywhere in the world and it was only recently that we supplied golf equipment to a club in Fiji."

The Company itself seems to be heading for exciting times. Mr Hinch said he will be attending the IoG Exhibition at Peterborough where Pattissons have a stand.



MANUFACTURERS & SUPPLIERS OF GOLF COURSE AND DRIVING RANGE EQUIPMENT.

RANGE EQUIPMENT INCLUDES:

Play Off Mats from £147.00 Ball Dispensers from £2680.00 Ball Collectors from £1865.00 Distance Discs from £44.00 (with posts!)

AND OUR GOLF COURSE ACCESSORIES:

Tee Markers from £2.40 Putting Green Markers from £2.80 (New fibreglass model) Flag Pins 6ft white from £4.30 New material flags from £1.35 Boot & Shoe Cleaner Electric model from £465.00

The best does not have to cost the most!

PATTISSON & CO LTD 342 Selbourne Road, Luton, Beds LU4 8NU Tel: 0582 597262 Fax: 0582 505241

SEE US ON STAND E36/37 AT THE IOG SHOW

AD REF 35 the quality of our product and service is second to none.

For many years **Undergear** have specialised in tyres for golf course machinery. In addition to carrying stocks of the Goodyear Terra-Tyre (for which they are the sole UK distributor), Undergear have developed their own 'Golf' tyres for tractors and larger course equipment. The 'Golf' tyre has a broad flat tread and smoothly rounded shoulders to avoid marking during turning and the fine block tread pattern gives very good traction without marking. Many leading courses benefit from the superior performance of the 'Golf' tyre. Call on stand K1 to see our range and get expert advice on tyres to suit your machinery.

Rolawn (Turf Growers) Ltd (stand PSC1-10/11/12) will be showing its new and innovative 'Turfmaster' machine, which has been specially designed for use in places where, in the past, limited access has proven difficult for the greenkeeper to lay cultivated turf. Turfmaster is extremely versatile, manufactured in steel and measuring 5' 2" x 3' x 4' and weighing 260lbs. It incorporates an hydraulic control system for raising and lowering rolls and has a useful semi-automatic lowering device which can be used simultaneously when the laying



Rolawn's new Turfmaster laying machine

process is being carried out.

Turfmaster, which can be used by hand or towed behind a small tractor, is the latest machine to be added to the Rolawn range of laying equipment, which is supplied on loan, free of charge. Turfmaster can also be purchased at a special introductory price of £975. In addition, Rolawn will be displaying its mechanised big-roll, turf laying equipment and its extensive range of weed-free cultivated turf.

Farmura will be displaying their full range of turf management and landscape products – all of which are either organic or environmentally sensitive. Alongside the well known range of liquid organics, emphasis will be given to the new range of Flo Gro Super Concentrates, which are 2–5 times more concentrated than solutions – they offer major benefits in packaging, transport and distribution. Also, the new Blazon spray pattern indicator – Soluble E-Zee



Paks – will be shown for the first time, together with the well known Blazon 1 litre packs. Of particular interest to landscapers is the Superpaver grass reinforcement system for load-bearing green areas – up to 100 tonnes per square metre is possible.

Soil conditioners and Ferrosol Liquid Iron complete the range, together with Earthbound for hydraseeding which eliminates the need for mulches. Come and see us on stand no. L13 and get details of our exciting promotion – with the winner going to the American Golf Course Show and all entrants receiving a free camera!

Standard Golf (UK) Ltd and Envirogreen Limited (stand D68-69) will exhibit the world renowned Standard Golf of America's golf course furniture and equipment, including the new Tour Smooth rake. They will also launch their golf driving range equipment made in the UK, including their exclusive range and winter tee mat, which has a one year guarantee. The Golpet tee-up machine will be on display together with other unique equipment.

Envirogreen's new Envirosafe will be on show together with details of their services for chemical waste disposal, which includes contracts for empty chemical containers and unwanted chemical disposal. Pathmaker, a





Vitax Wulch at a site in Sheffield prior to planting

and other trace elements into the soil. Wulch, being naturally hygroscopic, absorbs 40% of its own weight of water.

Easy to cut and install, Wulch provides the natural answer to everyone involved in landscape weed control and will be featured alongside the full Vitax Sport Amenity and Key Range products on stand number C78.

Lindum Turf (stand D88/91) are still to the forefront as suppliers of turf to major golf course projects and will be displaying their range of turf for greens, tees and surrounds. The recently opened Monarch's course at Gleneagles, the Much Hadham golf course near Bishops Stortford and the Hallgarth Country Hotel golf course near Darlington are all examples of large quantities of Lindum Turf being laid with confidence.

In many projects now the laying is being done by one of Lindum's team of expert turf layers, utilising both large and small rolls. A visit to the Lindum stand will give greenkeepers and golf club secretaries the chance to discuss any turfing or seeding projects, large or small, with Stephen Fell or David Snowden.

Multi-Core Aerators Ltd (stand G39) are the importers of the Multi-Core range of equipment for the UK and Europe. There are four machines, two tractor-mounted aerators and two pedestrian machines. The versatile TM1500 1.5m wide tractor-mounted aerator is robust enough to handle greens and fairways alike and being fully sealed throughout it is almost maintenance free. Productivity up to 67000 sq. feet per hour makes it one of the fastest and most reliable in its class.

The TM100 is ideal on a compact tractor or for those with less horsepower, whilst for the best job on a golf course the steering Greenkeeper model with riding platform is ideal. A variety of different heads and tines will also be on display, so if you are considering purchasing an aerator, why not come and meet Ian Waddington.

Inturf Limited (Stand no K17/18) are growers and suppliers of purpose-grown, cultivated turf providing high quality natural surfaces for all applications. The total range is available harvested in conventional squares and the



new system for paths on sportsgrounds and

Johnsons Seeds colourful stand (PCS 2/4-6)

gives prominence to the wide selection of mixtures available in the 'J' range, the specialist

Wembley mixtures and the turf perennial rye-

grass Cartel. Johnsons 'J' range has six classifi-

cations: JL for landscaping, JT for turf

growers, JF for flowery landscapes, JR for

reclamation, JG for golf courses and the indi-

vidual J range for overall sports and amenity

The Wembley mixtures - Wembley Way,

Twin Towers and Wembley International - are

highlighted in a special display featuring a

giant enlargement of Wembley Stadium and a

simulated pitch, with turf of one of the mix-

tures. Cartel, now incorporated into several

mixtures for hard wearing turf, is featured in another live display. All visitors are welcome

to discuss individual requirements with the J

New for IoG 1993 is **Vitax** Wulch, a 100% wool non-woven matting. Wulch is a totally

new concept for landscape weed control using

one of natures oldest resources. Vitax Wulch

biodegrades down over a one to two year

team and Johnsons technical specialists.

golf courses, will be launched.

applications.



Contact us now for further information and the name of your local distributor.

Seadr

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AD REF 174



more revolutionary big roll system. Appointed the official turf producers to Wembley Stadium and accredited with BS5750 total quality management, all turf supplies are backed up with full technical support as required.

The unique turf slabbing machine will also be on display, demonstrating the new Lay and Play turf tiles. Please visit our stand and meet our qualified personnel, who will be pleased to discuss our product range and services.

British Overhead Irrigation Ltd (BOIL) will be displaying av wide selection of equipment and system components used for the irrigation of all types of sports surfaces. Their exhibit is located at the open area near gate six.

New products for this year's show include – Hunter valve-in head, gear driven, pop-up sprinklers. BOIL 'Fairway' self travelling sprinkler, capable of watering an area 235m x 35m in one pass. – BOIL/Photron hand-held activator and 'smart' decoders fore in-field remote operation of sections of sprinklers controlled by the popular CIC computerised irrigation programmer.

These items will be supported by BOIL's established product range, including Wizard 'Standard' and 'Junior' travelling sprinklers, Giant Water Square gear and impact-drive pop-up sprinklers, automatic control systems, hand-move sprinklers, valves and fittings. A selection of archive material from the 1950s will add interest to the display.

D&E Turf Maintenance Ltd (stand J54) are specialists in turf maintenance and have an extensive range of turf aeration equipment. They can offer greens and cricket pitch aeration using the Toro Hydroject and sports pitch and fairway hollow coring using the Toro Fairway aerator. Also available: Greens hollow coring using the Toro Greens aerator with plug pulverisation, Vertidraining with either a 1.5m greens machine or 2.5m sportsfield/fairway machine, Trilo Parkland vacuum sweeper hire and Shelton supertrencher drainage installation and ash grooving.

You are invited to call for a competitive quotation or telephone 0388 608620 to discuss your turf maintenance problems with us – find the easy way to better playing surfaces. Working within BS5750 toward total quality.

Trilo Vacuum Sweepers (Stand M27-29). Drawing on more than 20 years experience, Trilo Manufacturing have produced the SG700 vacuum sweeper as the latest addition to the range. The combination of the powerful vacuum and 2m brush unit inside the floating head means that litter, leaves and grass cuttings can easily be collected. In addition the machine has two options: a 2m tripartite scarifier which enables greenkeepers to scarify and collect in one pass; and a 6m wander hose to enable those difficult to reach areas to be cleared.

Although multi-functional and with enormous 7m³ capacity, the SG700 weighs in at under 1300 kgs and if required can be supplied with extra wide 19x17 tyres. To see this and the rest of the range, visit our stand. A warm welcome awaits!

Tillers (stand D75-77) is the name behind Britain's top-rated turf. Our customers come back to us again and again for the following reasons: They know that only the highest rated cultivars on the STRI merit lists are used in the production of Tillers Turf; Because Tillers Turf is grown on sandy soil, they are sure of free drainage of rain and irrigation water into the rootzone below; They can rely on consistently high quality turf, day in, day out, month after month; They know that the turf will be delivered on time, enabling them to plan their work efficiently; They know that they cannot get better value for money anywhere else; They know that they have the choice of a wide range of turf, supplied on big or small rolls.

Discover the full range of turf on display and



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talk to Tim Fell, who will be happy to guide you toward a better understanding of turf quality.

Watermation, the British irrigation company will be showing some exciting new developments, both in their sprinkler and controller ranges. These will include sprinklers with built in valves, which will provide greater programme flexibility with individual head control. Their new small controller is a completely new concept in programming and can be set conventionally or be detached from the wall and hand-held for remote programming. This feature is a 'first' in the industry, is expandable from 6-12 stations – and like all Watermation products it is 100% British in design and manufacture.

John Deere (stand C42-44/6 -63). A tournament-quality finish is provided by the new John Deere 3215 and 3235 lightweight fairway mowers. These 28 and 32hp machines feature twice as much power to the reels as competitive makes. With a maximum ground pressure of 10 psi, one touch lifting and lowering of the reversible 22in wide cutting units, a one-step mowing/transport lever, power steering and two-pedal ground speed foot control, these new mowers feature an unrivalled specification for fast, efficient mowing on fairways and approaches to greens. Height of cut can be adjusted from 3/8 upward, with hydraulically operated reels to follow ground contours. Both mowers are optionally available with four-wheel drive and fairway groomer and verticut attachments.

The "Greenkeeper Sprayer" is a new multi-purpose liquid applicator from **Bowman Products Ltd.** The machine is derived from the company's successful "Line Laser Electric" Line Marking Machine, used extensively by DSOs and contractors for sports surface markings.

It consists of a high pressure electric pump, driven from a 12v battery, which is capable of supplying a constant, even flow of mateial to up to six spray heads suspended from a boom arm at the front of the machine. Nozzle tips, positioning and spray pressure are all adjustable to suit the application rate. The machine utilises pneumatic tyres to avoid damage to soft surfaces, and after use handle bars can be folded to fit into the boots of a car. Uses include application of liquid feeds, green-ups, pesticides, wetting agents and soil conditioners. The Greenkeeper Sprayer will be on our stand at the IoG. Details: 0706 882291.

The market leading Professional "Express Dual" will be on show at the **Atterton & Ellis** stand. It offers state-of-the-art grinding for nearly every modern day motor triple and gang type unit in both in-situ and separate cylinder forms.

In the in-situ form, the grinding cycle takes place without the usual strip-down and when the mower requires a full service, the separate cylinder method provides the same efficient accurate grind of the cuting unit.

On show will also be the "Anglemaster", a bottom blade grinder suitable for blades up to 42in long, the FH1 "Fastcut" for blades up to 24in long and the "Pilot" plain cylinder grinding machine, designed for the domestic market with cylinders up to 24in.

Details are available on stand 42/43 or from David Smith at Atterton & Ellis Ltd on 0440 702312.

Rhône-Poulenc Environmental Products

will be exhibiting at the IoG Show and will be featuring their new 5L CDA Spasor, Freeway and Rovral Gren.

In addition for those looking for an accurate way of applying granular products, look no further. Come along to Stand B 70/71 and try the Rotaspin, an innovate new granule applicator which Rhône-Poulenc will be launching at the show. For all your questions on weeds, pests and diseases Rhône-Poulenc staff will be available to discuss your needs and help solve your difficulties in turf management.

On show for this first time this year at the **Rufford Top Dress Supplies** stand (Avenue PCS2, no. 7/8) is Fibermaster. It's a revolutionary way to greatly improve rootzone stability and is just launched after two years of highly successful trials by a turfgras scientist of international repute, Dr Bill Adams.

Fibermaster is a purpose made synthetic fibre which is mixed with Rufford Rootzone and is a proven alternative to standard rootzones. Suitbale for the following applications: golf tees, winter sports pitches,

ter sports pitches, racecourses, golf trolley walkways, embankments, building surounds (emergency access), overspill car park areas and grass verges.

Also new for 1993 is Super 1742, a topdressing with the majority of its particles falling within the medium sand band.

design and Simple sophisticated performance and build means you will notice the difference when you put other triple greensmowers alongside a Lesco, say Lockwood Grass Machinery. There is no fancy body panels to remove to carry out routine maintenance, so what you see is what you get - real value for money. There is a choice of diesel or petrol engines and a wheel drive three option is also available. See Lockwood Grass Machinery at the IoG Show or call them on 0473 289158.

Pattissons have

examples of everything they can supply for golf course care and management on show, under cover in their new marquee. Latest equipment includes a new design of hole cup, the swivel flag pin and easy fit Velcro tie flag, attractive and colourful custom made tee signs and the very best of winter tee mats and mounting frames.

All Pattissions slaes staff will be on site – ask about the special show deals. See us on Stand E36/37 or call us on 0582 597262.

At last year's IoG Show, **BLEC** presented their award to their top UK dealer Powershift Ltd, Dundee. Who will win this year? See us at IOG to find out! Blec will be demonstrating a full range of landscaping and turfcare machinery, including Multiscrapers, Rotary Stonerakers, Stoneburiers, Seeding Machines, Pedestrian and Tractor Mounted and Overseeding machines, Fertiliser Spreaders, Turf Brush, Landscape/Beach Rakes plus a new range of landscaping equipment from Landpride. For more details call us on 0778 342829.

Modus T will be exhibiting their full range at the IoG Show. Of particular interest will be the 'Titan' range of deep aerators, including the new ballasted version. New for the '93/94 season and developed by Modus T's sister company FW Engineering (Developments) Ltd is the Cougar 3 outfront cylinder mower.

