

1985

INSTITUTE OF GROUNDSMANSHIP

INTERNATIONAL E·X·H·I·B·I·T·I·O·N

40th
Anniversary
Year

* advisory services * agrochemicals
* demonstrations * education and training
* mowing and maintenance * irrigation
* recreation and playground equipment
* seeds, turf and plants * sports goods
* waste disposal

* arboriculture and forestry * buildings
* engines and motors * lectures and film shows
* outdoor furniture * plant and machinery
* protective clothing * safety and security
* technical books and
trade journals

SHOW TIME!

The Institute Of Groundsmanship International Exhibition 1985 takes place at Royal Windsor Racecourse from September 17-19. At the time of going to Press, some 280 exhibitors had confirmed their attendance. This year will be the 40th anniversary of the event, which will be the biggest in its history with more exhibition space and demonstration areas than ever before.

Each year it seems the organisers launch a new venture at Windsor to improve the services available to exhibitors and the latest innovation is a closed pavilion adjacent to the institute's central HQ.

It was recently announced that the IOG is to adopt a new national exhibition policy, organising three national exhibitions annually. As well as the international exhibition and the indoor Scotsturf at Ingliston, Edinburgh in November, an inaugural spring show is to be staged at Victoria Park, Southport from May 13-14 1986.

A full range of literature and case histories will be available covering the use of Alginure products over a wide range of landscaping, reclamation, planting and turf-care projects. The products will include Aliginure Soil Improver, Alginure Root Dip, Essbinder Soil Stabiliser and Comtec Terraseal Process. Managing director Ben Simpson and marketing manager Malcolm Pettit will be in attendance at Windsor.

Axleline Eastern will be showing some of the wide range of tyres and wheels it stocks for the turf

and leisure industry. These will include tyres from the Bridgestone Agricultural range, a quality tyre that fits Japanese-made tractors, and also the Carlisle, well-known for mower and ATV tyres. The 18x4 Gangmower tyre will also be shown.

BASF has now become involved in the amenity market as a result of introducing the Floranid range of slow-release fertilisers and the company will be present

Bourgeins of Oxford is exhibiting the TF700 Trencher, a 34hp model

that can be fitted with a variety of attachments including a Backhoe, Backfill blade, standard or HiLift conveyors and a range of dig chain configurations. The VariDrainer, a multi-width sand splitter and a HiLift conveyor with maximum trailer fill facility, designed and manufactured by the company, will be on display. Bourgeins supplies a range of trenchers from 7 to 72hp, mounted on tracks or rubber tyres. The TF700 is perhaps most suited to sports-field drainage, but the range includes vibratory ploughs for cable and pipe laying.

British Seed Houses is exhibiting its new Slender Creeping Red Fescue called LOgro, which grows to a maximum height of 100mm (4in). LOgro was bred at the Northern Ireland Plant Breeding Station at Queen's University, Belfast and the company believes that this new fescue has tremendous potential for use on golf courses because of its low maintenance requirement. BSH will also be exhibiting straight samples of its various grasses suitable for use on a golf course, including Frida and Checker Chewings Fescue, Tournament Hard Fescue, Penncross Creeping Bent and Fyking Smooth Stalk Meadow Grass. Technical staff will be available to explain the importance of selecting the right grass cultivars for inclusion in a mixture and how economies can be achieved by using purpose-bred cultivars.

CMW Equipment manufactures a complete range of golf course accessories and the company is pleased to discuss special items. CMW products are now available from Richard Aitken (Seedsmen), Joseph Bentley, Brown and Sons Seeds, Rigby Taylor and Turf Maintenance Supplies.

Cameron, a division of Wright Rain, will be exhibiting sports turf and landscape irrigation equipment, including pop-up sprinklers, self-travelling machines, pumps, controllers, valves, water storage and pipework. The stand will also have details of the nationwide installation service. Look, too, for the Mulchmaster range of shredders, which are suitable for hedge and tree cuttings and other garden waste.

Tufturf is made by Carpetation. A synthetic grass sports surface, two grades of tees are available - one for golf courses, the other for home use. Made from UV stabilised polypropylene fibres, Tufturf is hard-wearing, porous and does not fray. An underlay shock pad is made from reconstituted rubber, which is also porous and durable.

Complete Weed Control will have an illustrative display of its equipment for contract use. By

Chipman Chemicals Division will show the AccuRate CDA applicator; a twin AccuRate on a Kubota mini-tractor, plus a wide range of weedkillers, turf fertilisers and grass seeds. Sportsystems will feature its new Firstee all-weather golf tee, together with the full range of Porplastic artificial surfaces. Also featured will be the Self Support system that removes the need for an engineered base. Linksystem and Cellsystem sportsfield drainage and construction systems will also be on display.



Chipman's twin-boom AccuRate mounted on a Kubota mini tractor.

emphasising its national coverage, the company's main theme will be its professional approach to eradicating weed problems by contract application.

Cooper, Pegler and Co's exhibit will include the CP3 20 litre and CP15 15 litre knapsack sprayers. Also on show will be a mini-trailer motorised sprayer and a range of pneumatic sprayers. A main point of interest will be the VLV (very low volume) nozzles.

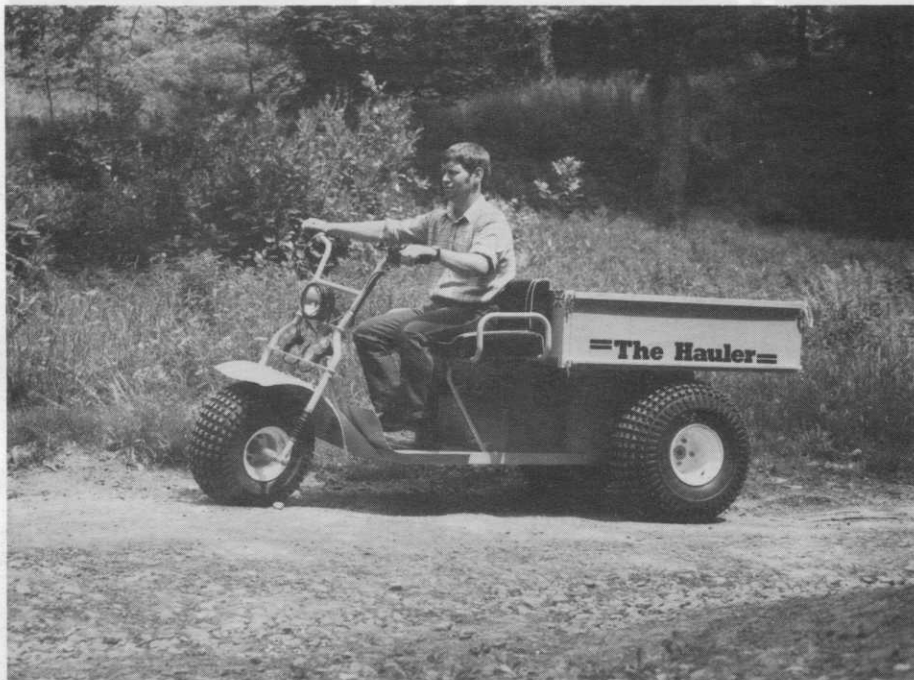
Davison International Associates offers the H range of permeable surface machines (for total aeration of topsoil or cutting miniature sand slits); the PTO driven sand spreader/slit filler/trailer with trench filling attachment (3.5 tonnes capacity); and the Davison High Speed Narrow Trencher. The company's smaller equipment, designed for use with the SISIS Hydromain and other compact

tractors, includes the Mini Sand Slitter and the L range of permeable surface machines.

Farmura is exhibiting its range of environmentally safe products. The main feature of the display will be the two liquid organic fertilisers, Farmura for Turf and Farmura Green. Farmura products are now an established part of Turf management programmes from golf courses, sports grounds and bowling clubs to reseeding and land reclamation. Farmura encourages root development, tillering, resistance to stress and activates soil bacteria. Case histories and trial results will be on display - also information on Farmura Green, successfully launched at last year's show, which produces colour without a flush of growth. A free prize draw will be held on Thursday.

Continued on page 14...

The Hauler Truck is British manufactured by Europlume and is powered by a 17bhp Kohler engine and has a payload of 800lb. Fitted with low ground pressure tyres, the Hauler will tackle difficult terrain, but is equally happy on the gentlest lawn. Its versatility gives one year round maintenance capability. You can mount most turf care attachments behind the Hauler and a tipping bed further enhances its versatility.



The Hauler in action.



Fisons Horticulture has chosen Windsor to launch a new product for the turf industry. Full details will be available on the stand. The display will also feature products from Fisons established range of turfcare products - majoring in particular on the new selective turf herbicide Tritox. Launched at last year's exhibition, Tritox contains a unique and reliable combination of three active ingredients - MCPA, Mecoprop and Dicamba. Tritox gives cost effective con-

trol of a wide range of turf weeds. In addition, literature and technical advice will be available on the rest of Fisons' turfcare range, including the dual-purpose fungicide and worm control chemical Turfclear, the turf dressing range and Fisons turf fertilizers.

Fleet (Line Markers) will be showing its full range of dry and wet



From Fleet Line Markers, the Malvern Marker.

line-marking machines and materials. These include the new Malvern Marker, the Single Line Liquid Machine and the Offset machine for wet line marking, as well as the Pitchruler, the Global and the Starliner for dry marking and the All-Weather Surface Marker. Materials to be exhibited include Easiflo grades one and two, whitening, playground permanent marking fluid, liquid pitchmarker and all-weather surface compound. Fleet will also have on show its T Piece.

Golf Landscapes will exhibit all its latest developments in turfgrass drainage and irrigation installation machinery. Directors will be on hand to discuss the company's wide range of services, from construction of golf courses, sports-grounds and landscaped areas, through drainage and irrigation to maintenance.

Green Brothers (Geebro) will be exhibiting its range of Lister teak outdoor furniture. Lister seats ranging from 4ft - 8ft in length in traditional and modern designs and chairs, tables and picnic suites are available. Lister timber-slatted litter baskets in three styles help solve the problem of litter collection. Rainbow tree ties include the buckle type, the chainlock and nail-on. A range of tree guards, including spiral tree guards, complements the company's tree-care lines.

Green's/Hinomoto will be exhibiting its full range of professional grass-cutting machinery. This includes the Zephyr range of self-propelled Standard and Superfine cylinder mowers, the Greensmaster Hydrostatic self-propelled sportsground mower with new heavy-duty rubber roller, the Ranger ground-driven gangs in trailed and mounted versions with grassbox, the Hydraulic Ranger gangs with contour linkage and the new Front Mounted 42in Hydraulic cylinder mower driven from a tractor's own hydraulics. The 18hp C174 tractor and the 25hp E2304 Hinomoto tractors with Green's special grass-cutting attachments (including the '398' hydraulic mower) will also be at the IOG show.

Continued on page 16...

Honey Brothers will be exhibiting a wide range of arboricultural and safety equipment particularly safety harnesses, ropes, climbing aids, helmets, clothing, boots, gloves and all ancillary requirements. Also displayed will be Sachs Dolmar chainsaws, brushcutters, Tirfor winches and road signs. Staff will be pleased to advise visitors about arboricultural training courses.

Johnsons Seeds will display, by means of colour photographs and sections of Bravura turf, the full range of turfgrass species and cultivars together with the J range of turfgrass mixtures and blends designed for the professional user. Prominence will be given to new developments such as Johnsons seed production and marketing of native wild flowers and grasses and the introduction of Merlin, the metal tolerant slender red fescue.

Kubota is now offering five new tractors, including the prestige L4150. The L275 is a 27.5hp tractor, the B8200 HST a 19hp tractor fitted with a 180 degree backhoe and purpose-designed quick-attach loader, while the B6200, B7100 and B7200 range in power from 15hp to 17hp. The Kubota G3 HST is a 14hp ride-on diesel mower and the G2 12hp ride-on diesel has a new vac-collector capable of collecting long or short grass in either wet or dry conditions. The company also offers a range of mid or rear-mounted grass cutting and cultivation equipment, as well as petrol-engined generators and two petrol-engined portable pumps.

Lloyds of Letchworth will be exhibiting its Leda gang mower outfits for cutting fairways, semi rough and deep rough. Also on view will be the Paladin fine turf motor mower. Many important modifications have been introduced recently to the gang mowers and the Paladin.

A TX2160 with GM386 triple gang mower by Lely Iseki.

Huxleys will be exhibiting several new additions to its range of British-built Hydraulic Reelmowers. Alongside the successful TR66 and TR108 rear-mounted Hydraulic Reelmowers will be new 66in and 84in mid-mounted triple Reelmowers for compact tractors and new rear-mounted three unit and five unit Reelmowers with larger 30in hydraulically driven cutting units. The five unit TR138 has a full 11ft 6in cutting width and is designed for use with 27-30hp tractors and upwards, while other models in the range are suitable for use with compact tractors and Cushman Turf Trucksters. New turf maintenance equipment includes 36in Fine Turf Vertirakes for the Cushman Turf Truckster and compact tractors, while Cushman's new 'OMC 222' engine will be on show for the first time. The latest range of Cushman Turf Care, Cushman Front Line and Huxley Turf Products, Royer Soil Shredders and Powerscreens, Red Rider Work Carts and the Huxley Truck Dresser and Little David Stump Remover will also be on display.



Lely will be featuring all models from its extensive range including the most popular 'package deal' of the season - the GM386 triple gang mower. The company's TX2160 features a tough, reliable high-torque diesel engine with three cylinder in-line configuration to reduce vibration and noise. Fuel consumption is good due to the swivel combustion chamber system. Available either with two or four wheel drive. Also look for the TX2160F HST with three-gang mower, the TX2140F LGP with SISIS, the TX2160F with digger/loader and post hole borer or Craig brush, the TX2160 with front flail mower, the TE4370 with LGP tyres, the TE3210 with hedge trimmer or spiker and Q cab, plus a wide range of tillers and brush cutters.

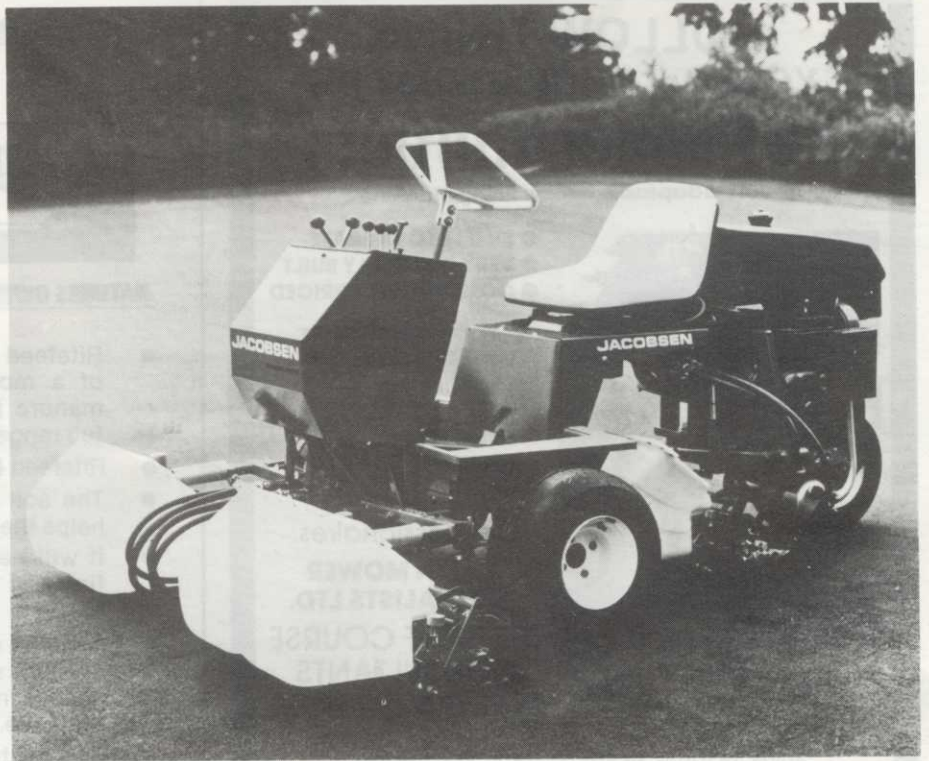


Plenty of surprises is the promise of Maxwell Hart with its wide range of recreational and amenity products. Without letting too many secrets out of the bag, a new synthetic safety surface will be on show. Independent tests have already shown it to have achieved a new standard in play surfacing with outstanding cushioning characteristics. Watch, too, for a new range of organic fertilisers, plus other new Hart branded products.

Mommersteeg International, part of the largest plant breeding unit in Europe, will be providing the latest in seed mixtures covering every aspect of the amenity market. A team of advisory officers, well-versed in all disciplines relating to turf culture, will be on the stand. New varieties, such as Mondial, Outsider turf-type perennial ryegrass and Diamond chewing fescue complement the present Mommersteeg range.

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Jacobsen Greens King IV.



Following changes in marketing of Jacobsen machinery in the UK recently, staff of Marshall Concessionaires and factory personnel will be pleased to explain a number of new products to the domestic market. It is expected the stand will have a full range of Turfcut Flail and Rotary Mowers, the Jacobsen Greens King Mark IV, the Trap King Bunker Rake and Jacobsen's range of seeders, aerators and sweepers.

Windsor the
secret find
Longlife of at

Re-arrange the words into an interesting proposition, and we'll see you later.

May & Baker will be demonstrating significant developments in new products and chemical application. Since last year, the company has developed, tried and tested a range of new products, including the new Rovral Granules, an innovative concept in fast, but sim-

ple, fungicide treatment and ideal for those with smaller areas of fine turf to treat. May & Baker is also launching a range of chemicals for use with controlled droplet application.

Morrison has incorporated new features across the range for 1986, which will be seen for the first time. On show will be the Triplex Mk III - an 11hp, 71in cutting width, five-speed heavy-duty, ride-on mower. There will also be a preview of the Morrison Triplex Mk IV with hydraulic lift and reel drive; a display of the Rapier 710 heavy duty 28in mower with three speed and one reverse gear box, blade brake and non-slip pulleys; the Golfmaster 600, a 24in cut, ten-bladed cylinder mower with blade disengagement, front-mounted brush and back-lapping facility and the Olympic Series of cylinder mowers with improved features. Finally, the all-purpose three foot N1 rotary mower will have additional features including ball bearing wheels.

Nickerson Turfmaster's sophisticated range of grass cutting machinery has been extended by the introduction of the Turfmaster 375/390. These machines have been designed to meet all the requirements of the professional user and will be shown at Windsor for the first time. The existing range includes the ever-popular Turfmaster 84, the Turfmaster 2001 and the Design Council Award winning Turfmaster 360, together with the comprehensive range of sweepers and powerakes. All Turfmaster products carry a two-year warranty.

Pan Engineering continues to concentrate on providing a specialist service to manufacturers of turf care, horticultural and agricultural equipment, as well as to suppliers of spares. Pan's stock of tyres caters for diverse and increasingly demanding applications. In addition, a comprehensive range of wheels enables Pan to assist those developing or modifying equipment, especially where the aim is to minimise damage to turf, soil or crops.



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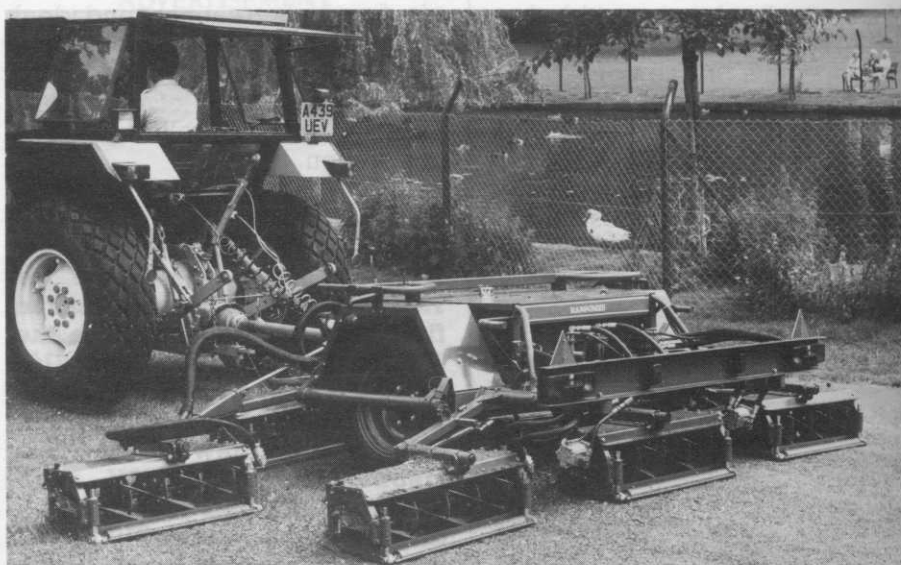
find the secret of Longlife at Windsor

If your 'proposition' matches ours, then we've got the treatment for you.

Parkers will feature the Verdant and Mommersteeg range of grass seeds, plus its Greenfeed range of fertilisers and top dressings. Greenfeed Fine Turf Fertiliser, in both spring/summer and autumn/winter form, has become a firm favourite. The company markets a range of machinery of its own, including the Aggrigator Tractor Mounted Soil Screen, the Parker T2 Deluxe Sprinkler and the Parkamatic Self Travelling Sprinkler, Park Central Coupling Hose Reels, Park Water Barrows, the Park Professional Sprayer for high volume and low volume application, Macwin Line Markers, Dimple Markers and Parker Prince Markers. The Perfecto range of golf course equipment includes flag pins, flags, hole tins, tee markers, ball scrubbers and Parker spreaders. The company is the south of England sole distributor for SISIS and holds main distributorships for Ransomes, Atco, Hayter, Nickerson, Marshall and Iseki.

Rigby Taylor will proudly present The Great Mascot Extravaganza, featuring many of the world's greatest performers, including the ever-popular favourites Mascot Selective Weedkillers, featuring Clover Killer, Moss Killer, Showerproof and the ever-popular and versatile Mascot Selective. See The Great Mascot Fungicide Family - Mascot Contact, Mascot Systemic and Mascot Clearing, produced by BASF - and performing amazing feats with water Rigby Taylor will have Mascot Lay-Eze-Drain, the newcomer from BTR. The company will also be introducing Mascot Microfine - the great new discovery, due to become the country's favourite with its amazing slow-release nutrition performance. Topping the bill, the company will have the spectacular performance of Mascot Sonic, the exciting new non-residual total weedkiller produced for your delight by The Great Monsanto. Many thrilling sideshows, including Mascot CDA, Mascot Spreaders, Mascot Line Marking Compounds and Markers, will be presented for this The Greatest Show On Turf!

Continued on page 27...



Ransomes' new hydraulic 465TG trailed gang mower.

Following the launch at last year's IOG of the Hydraulic 340TG trailed gang mower with five cutting units, Ransomes is introducing a seven unit version. Designated the Hydraulic 465TG, it has increased hydraulic capacity and stronger suspension to cater for the two additional cutting units. With a cutting width of 4.65m (15ft 3in) and a performance of over 3.5ha (7 acres) per hour, this new high output mower, like the five unit version, has been developed to allow greater tractor flexibility. It can be hooked up in under three minutes to a tractor with no less than 45hp and with a standard 540rpm PTO. The 465TG will cost about £11,000. Also new on Ransomes' stand will be the Compact 215 hydraulic triple mower mounted on a hydrostatic four wheeled drive, Kubota 8200 tractor. The mower has its own PTO driven hydraulic system which, together with the three cutting units, can be removed from the tractor in under ten minutes. Although it takes longer when removing the arms and chassis attachments taking the two mid-mounted cutting units as well, the tractor's PTO, three-point linkage and tow bar are freed for use with other equipment such as a sprayer, spiker and trailer. With a cutting width of 2.15m (84in), Ransomes Compact 215 has an output of some 1.5ha (3.6 acres) per hour and is expected to sell at around £4,500.



Ransomes' new Compact 215 hydraulic triple mower.

A major new range of organic-based turf foods is being launched by SAI. The well-established Mini-Crum fertilisers were the first specialist turf products available to British groundsmen and, over the years, have continued as leaders in this field.

SAI is now replacing these products and the new SAI Longlife range incorporates the benefits of Mini-Crum with many major improvements, including the use of Didin in the appropriate products.

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DEMONSTRATION AREA

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SILVER RING

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DEMONSTRATION AREA

74	75	76	77	78	79	80	81	82	83	84	85	86
87	88	89	90	91	92	93	94	95	96	97	98	99

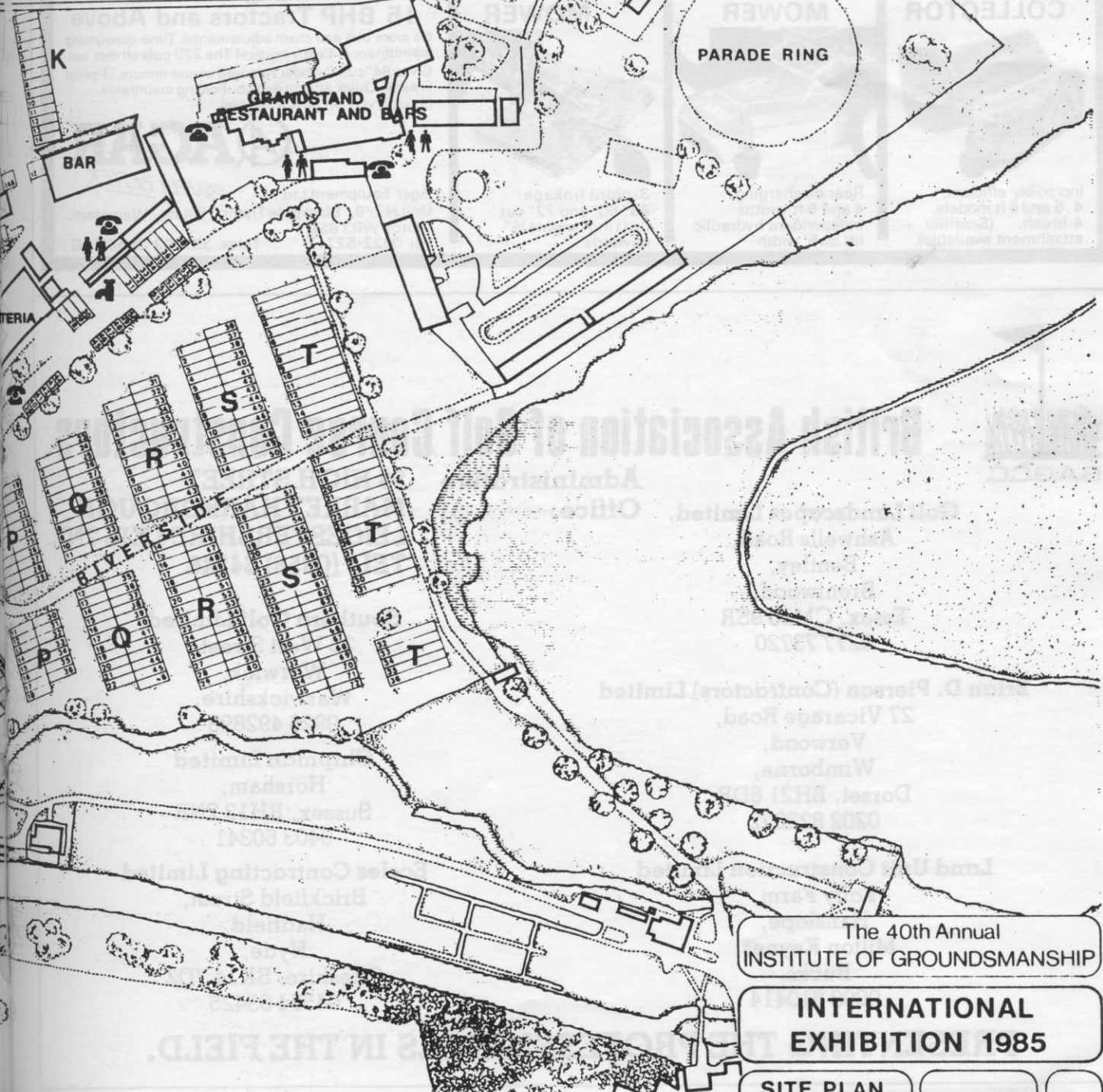
CATERING POINT

PARADE RING

GRANDSTAND
RESTAURANT AND BARS

BAR

TERIA



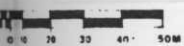
The 40th Annual
INSTITUTE OF GROUNDSMANSHIP

**INTERNATIONAL
EXHIBITION 1985**

SITE PLAN

Brian Davies Milton Keynes 661221

July 1985



This year, SISIS is in a new location, closer to the demonstration area. On show will be the latest developments in the Hydromain System, particularly the option of power steering on the Hydromain Fourteen and the new Kohler diesel engines for the Fourteen and Seventeen. The acclaimed Tractor Mounted Deep Spiker TDS/32 with weight transfer system, introduced at last year's exhibition, will again be shown in working conditions.



SISIS Hydromain Fourteen with deep-slitting aerator.

Toro will launch the Greensmaster 300 with new cutting heads. These feature single point bedknife to reel adjustment via a handwheel, which enables the operator to adjust the cutting reel setting without spanners from a single central point. Adjustable location of bedbar and rear roller allows all three units to be set exactly the same for differing turf conditions and heights of cut. These new exclusive features, together with the low point of pull and independent box location, well-known on the GM300 and its predecessor GM3, will enable the operator to achieve a high standard of cut. Numerous other models from the Toro range will be on show, including Commercial Mowers, Walk Mowers, the Groundsmaster range, Professional 70in, Reelmaster 350D, Super-Pro 81in, Sand Pro, Greensmaster 300 with new cutting units and cab, Ride-On Mowers, including the model 832 with twin bag and various hand-propelled models, including the 21in Key-Lectric.



Steeley Vitax is to launch its new micro-granular fertiliser - Micro Gran 4. The development is a small granular fertiliser with an analysis of 12 per cent nitrogen, 3 per cent phosphate, 9 per cent potash, plus added magnesium and iron, and has been designed especially for sand-constructed areas. The high nitrogen content makes it eminently suitable for early spring and summer application on sand areas where nutrients tend to leach out quickly. It is clean and easy to handle and its special formulation means that it can either be applied by hand or special distributor. In addition to Micro Gran 4, Steeley Vitax will be showing its entire range of Key fertilisers, especially devised for the sports and leisure industry.

Supaturf, which is celebrating its 25th year, will show new products including the recently launched BASF Compo Floranid slow-release nitrogen fertilisers, Supaturf No 7 grass seed for heavily worn sports surfaces and Atrinal Plant Growth Regulator. Full back-up service and advice from experts is available and Supaturf will also show chemicals manufactured by May & Baker, ICI, Ciba-Geigy and Synchemicals. Look out, too, for the complete range of sports and training equipment, including the new Sharpliner line markers, all of which carry FIFA approval.

Toro Irrigation will be displaying its complete range of sports turf and landscape irrigation equipment, new pop-up sprinklers and a new range of controllers.

Turf Irrigation Services will be representing Toro Irrigation Products on the Toro stand at Windsor. Robin Hume, TIS director and irrigation consultant, will be present and available particularly to discuss irrigation matters with visitors from the north west, Yorkshire, Lancashire and Wales.

New cutting units for Toro's Greensmaster 300.

Victa's recent appointment as UK distributor for Ryan turf maintenance equipment means a different look to the company's stand. On display will be the comprehensive range of Ryan aerators - from the 19in Lawnaire to the 72in tractor-towed models. The popular 24in Greensaire will be shown with a core-processor attachment, along with Ryan power rakes and turf cutters. In the range of Victa professional rotary grasscutters, the 700 Series self-propelled rough terrain machines will feature strongly. Other models on view will include 600, 550 and 460 push machines and the 550 self-propelled machine, all with versions of the well-proven Victa two-stroke engine. New for this year's show is the upgraded Professional 460 Side Discharge model, which is now equipped with the Victa power torque engine, nine pint fuel tank and larger wheels. Victa's domestic rotary mowers, which will also be on display, are now also generally powered by the new power torque engine. The new petrol cylinder range, now named Swordsman, is powered by the 3hp Briggs & Stratton engine.

The Wessex stand will have professional grass cutting and grounds maintenance machinery, including specialist attachments for compact tractors. Wessex manufactures rotary mowers from the 4ft GM122 to the 12ft 6in Fieldmaster 150T, including the new P18 - a 6ft model specially for professional use. Also available are the TPU & FB series flail mowers from 31in - 72in cutting widths; the TPR Pick-up mower for one pass mowing and grass collection; a new pto driven sweeper collector for turf and hard surfaces; a 22cwt hydraulic tipping trailer for compact tractors; Sovema rotary tillers; a selection of ploughs and seedbed harrows and the new Widlak WP1000A wood chipper, capable of reducing brushwood up to 4in thick.



Ryan turf maintenance equipment is now marketed here by Victa (UK).



Watermation, specialists in all sports turf irrigation, will have on display a large variety of sprinklers, controllers and other ancillary equipment for manual and automatic sports turf irrigation on grass and artificial surfaces. This year, as well as the usual range, the company will have a new range of British sprinklers and controllers, built by Watermation in England.

The new 4ft rotary sweeper from Wessex.

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- GOLF COURSES - Birkdale, Lytham St. Annes, St. Andrews, Woburn
- RACECOURSES - Ascot, Ayr, Chester, Uttoxeter
- LAND RECLAMATION - Work in progress on NCB sites
- ALSO on cricket pitches, bowling greens, tennis courts - in fact, wherever grass is sown, grown and mown

