

Greenkeeper



The Official Magazine of S.I.G.G.A. & E.I.G.G.A.



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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

Developing and maintaining sports grounds and leisure amenities

The finest opportunity to see a whole range of developments, discuss services and techniques with experts, and check-test the latest in machinery and equipment.

Venue:

**The Royal Windsor Racecourse, Maidenhead Road, Windsor,
Berkshire.**

Dates:

17th, 18th and 19th September 1985

Times:

10 am till 5 pm daily.

Entrance:

By Catalogue £1.50. Complimentary admission to IoG Members.

How to get there: (Windsor is just 22 miles west of London.)

By Road: A few minutes off the M4 Motorway (Junction 6) on the Windsor-Maidenhead road (A308). Ample car parking facilities available at £1.50 per vehicle. Coaches free.

By Rail: Frequent services to Windsor from Waterloo, Reading and Paddington with connections to all parts of the country. A complimentary coach service direct to the Exhibition grounds will operate each morning and afternoon from Windsor & Eton Central and Riverside stations.

By Air: Close to London Heathrow and convenient also for London Gatwick airports.



Organised by
The Institute of Groundsmanship,
The Pavilion · Woughton-on-the-Green ·
Milton Keynes · Buckinghamshire MK6 3EA
Telephone: Milton Keynes (0908) 676064

The main event
for the Professional
Groundsman, Greenskeeper,
Landscape Architect, Estate Owner
and Manager, Site Operator
and Local Authority
Employee.

The 41st Annual Exhibition will be held at
the Royal Windsor Racecourse on the 16th, 17th and 18th September 1986

Reasons to be a Greenkeeper reader

● *Greenkeeper* has risen to, and stays at, the top of its market sector because an 'open door' policy encourages the expression of all shades of opinion, dialogue between greenkeepers and course managers, an exchange of views between the trade, agronomists, course builders, architects, golf club members and all who are involved in course management.

● *Greenkeeper* features more independent editorial than any other publication in the industry — educational articles and association news always feature prominently.

● *Greenkeeper* carries informative advertising from suppliers large and small and there is **no** other publication that offers the job opportunities to be found in every issue of the magazine.

● *Greenkeeper* is received by an increasing number of readers and is the only publication to be mailed regularly to the expanding European market, with the German and French editions of *The International Greenkeeper*.

So, whether you are a greenkeeper or an advertiser, use your magazine, covering your industry.

Remember, it's got to be *Greenkeeper* for you!

In this month's bumper issue...

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Greenkeeper

and

THE ENGLISH AND INTERNATIONAL GOLF GREENKEEPERS ASSOCIATION



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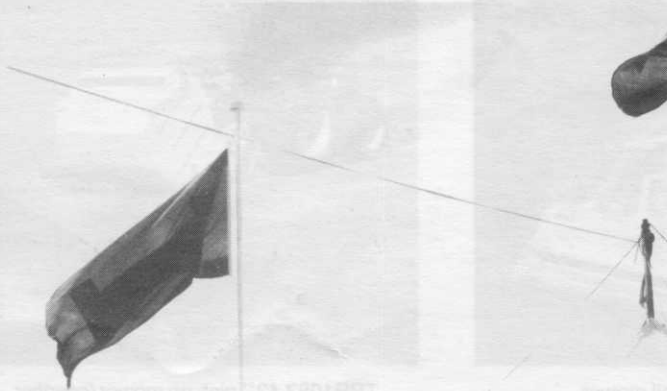
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G/9/85

Sandwich setting

EIGGA's hospitality marquee at the Open Championship was a resounding success. Our picture sequence shows (below) Mr and Mrs Joe McKean and SIGGA and EIGGA members admiring the association and Greenkeeper flags; storm clouds gathering and Michael Coffey (Greenkeeper), David Jones (Ipswich) and Bill Lawson (Heswall) in conversation.



Sussex

The branch was greeted by rain for its Farmura Trophy fixture at West Hove. However, things brightened up and, half way round, we were entertained by a display of the Red Arrows over Brighton.

The result was a win for R Tingey (Holtye) on the back nine over A Barnett (Pyecombe) on 39 points, while D Lumbey, representing SISIS, finished third with 38 points. The best guest was B Ayling on 40 points.

Haywards Heath was the venue for the Sussex Cup and Tony had the course in great shape. Victory went to A Hale (17) with a net 65, followed by M Butrymowicz (24) on 70 and R Tingey (12) three shots further adrift. The best gross score was A Mackay's 84, while D Nicol (12) was the leading guest on 75.

For the third year running, Sussex lost the county match against Surrey. Played at Ifield, Surrey amassed

384 points against Sussex's 319. D Lenham and C McMillan (both Sunningdale) scored 80 points each for the visitors. As usual, Lionel had the course in immaculate condition.

The autumn tournament, for members only, takes place at Willingdon on September 22 – the closing date for entries is September 12.

Further information about the Sussex branch can be obtained from Ron Jobson on 0403 60525.



ROYAL PORTHCAWL GOLF CLUB ASSISTANT HEAD GREENKEEPER

Required for this Championship Links Course. Must be experienced in all aspects of turf management, modern machinery and watering systems. Attractive Salary. No accommodation.

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ST AUSTELL GOLF CLUB

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(from 1st October 1985)

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St Austell
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The Secretary/Manager
Harpenden Golf Club
Hammonds End, Redbourn Lane
Harpenden
Herts. AL5 2AX

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require

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Applicants must be experienced in course management, machinery maintenance and have the ability to lead and motivate staff.

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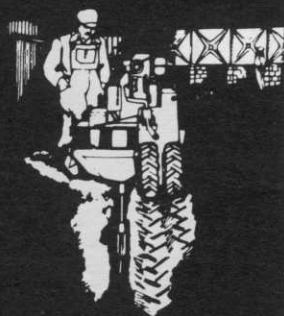
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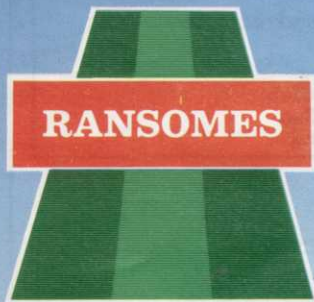
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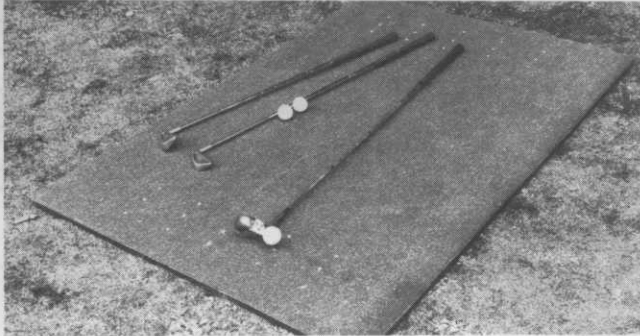


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1985

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.

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IT'S ON THE GREEN ...WHERE IT COUNTS!

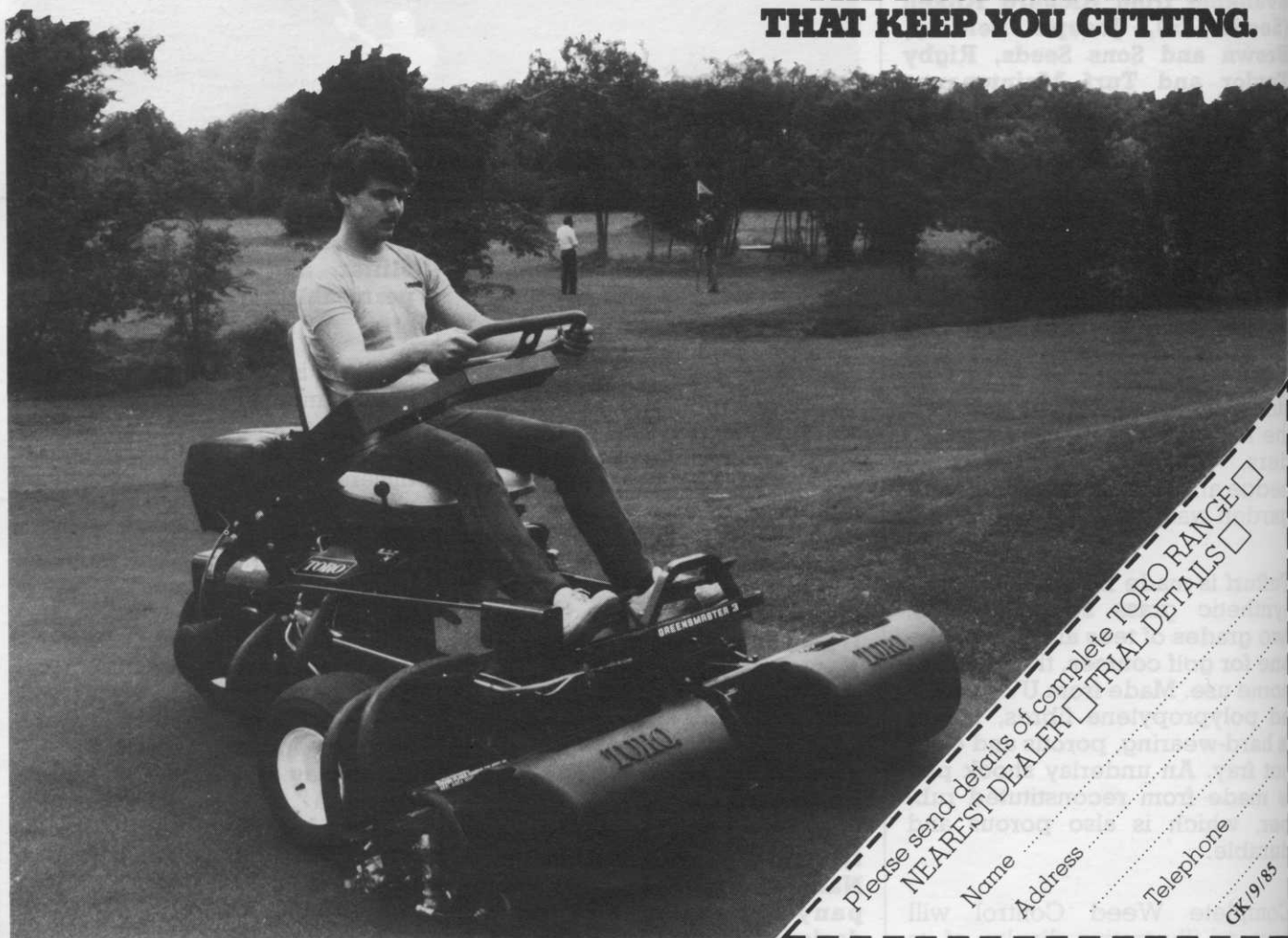


... of all the mowing jobs on a golf course, mowing the greens requires the most delicate touch of all. The new GREENSMaster 300 ensures a uniform cutting height, appearance and playing characteristic while manoeuvring in a tightly defined area. Why not see this exceptional mower in action ... the GREENSMaster 300 has so much more to offer!

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 tree surgery than a chain saw
 and a head for heights



You'll find it all in our free catalogue

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organization has made a significant contribution. Among the 1001 items in our latest well-illustrated Catalogue there is the latest **Protective Clothing, Hand Tools, Climbing & Safety Equipment, Chain Saws, Ladders**, to name but a few. **Honey Brothers** organize regular

arboricultural Safety Training Courses on site in Guildford or with owners (if preferred) on their own land. Ask for details. In the meantime send for your copy of the well-illustrated Catalogue.



SEE US ON
STAND I 5-6
 International Groundsmans Show
 Windsor, Sept 17-19

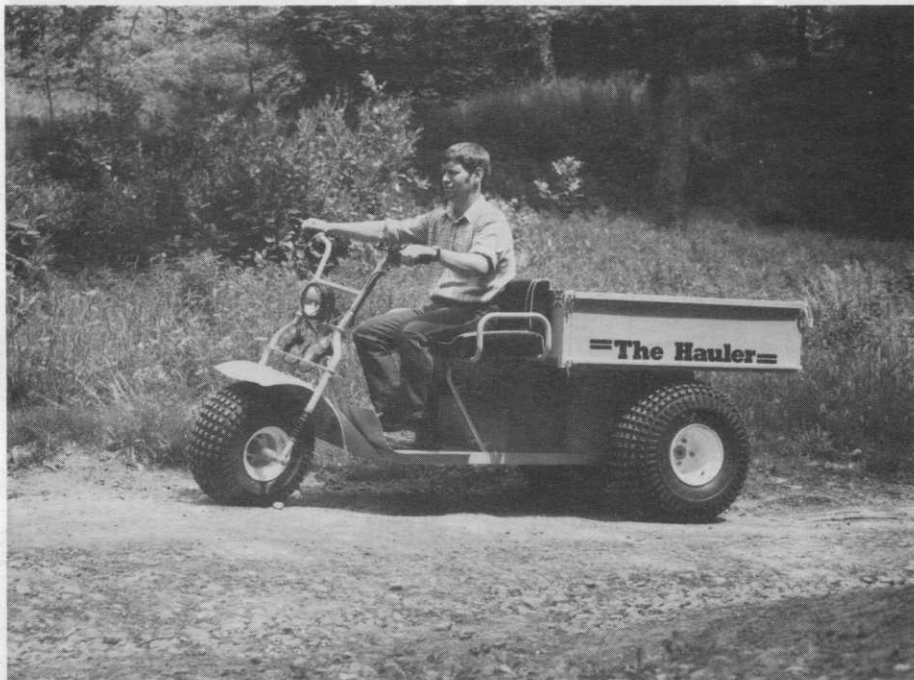
Honey Brothers

the top of the tree professionals

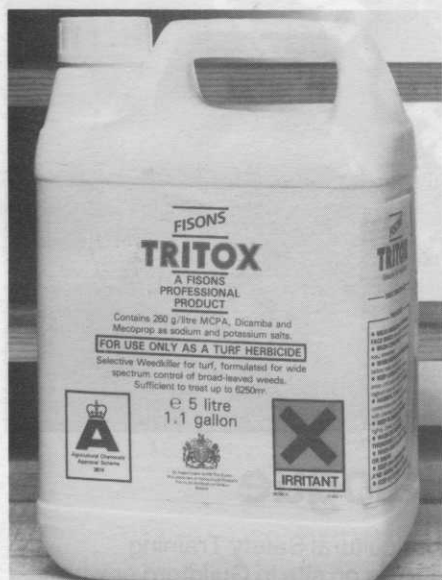


Honey Brothers Limited, New Pond Road, Peasmarsh, Guildford, Surrey GU3 1JR. Telephone: Guildford (0483) 61362

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...

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That's what every one of our grass and garden machines has got ... even when the going gets tough! And that's because when we build a machine, we build it to last. So if you buy a machine from us tomorrow, we wouldn't expect to see you back for years ... unless, of course, you want a second one.



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4hp Heavy Duty four-stroke model; 4hp two-stroke Banks model.



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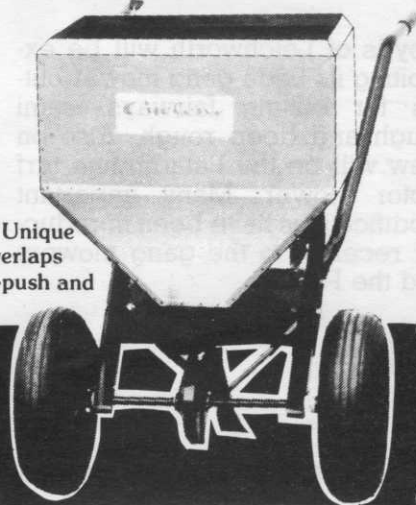
Lawn aerator for fine grass areas. Self propelled, it takes out 3½" cores at walking pace. Interchangeable tines for solid-tine spiking and deep slitting.
3hp four stroke engine.

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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.

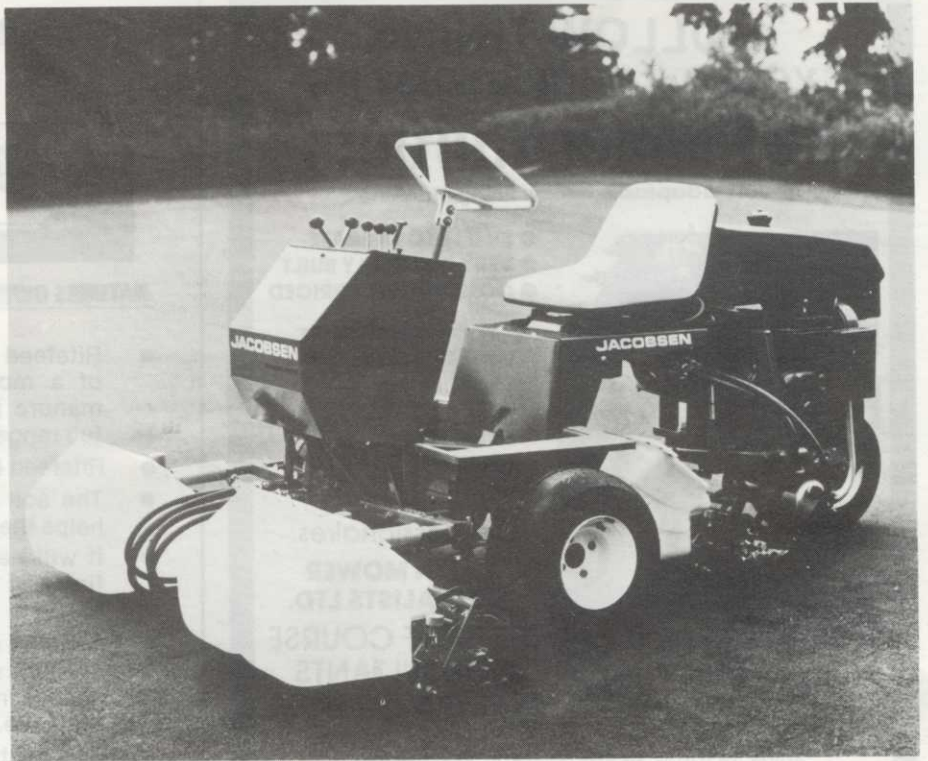


Lely will be featuring all models from its extensive range including the most popular 'package deal' of the season - the GM386 triple gang mower. The company's TX2160 features a tough, reliable high-torque diesel engine with three cylinder in-line configuration to reduce vibration and noise. Fuel consumption 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.

Jacobsen Greens King IV.



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.

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.

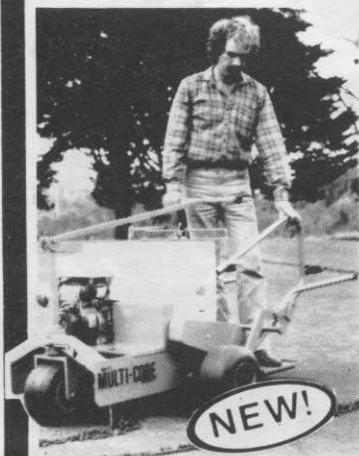
Continued on page 21...

Windsor the
secret find
Longlife of at

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

HOLLOW TINING YOUR 1st CHOICE MUST BE The Palmer Multicore

A very adaptable hollow tining machine



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- So easy to use — you can apply by any method, spray, tractor mounted or knapsack sprayer.
- Compatible with most leading chemical weed killers. We do however recommend a small trial mix and application before using.



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grass care



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AERATORS & CORE PROCESSORS

When it comes to turf maintenance, one name is universally associated with the highest quality equipment — RYAN.

Look at their really comprehensive range of Aerators. From the small Lawnaire to the tractor-towed models. Including the Renovaire — specially designed for contoured areas. Then there are the popular Greensaire models — acknowledged to have set the standards in golf course maintenance throughout the world. Look at the core processor attachment too.

Quality-built through and through — that's RYAN.
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SOILIFE IMPROVES SOIL STRUCTURE TO
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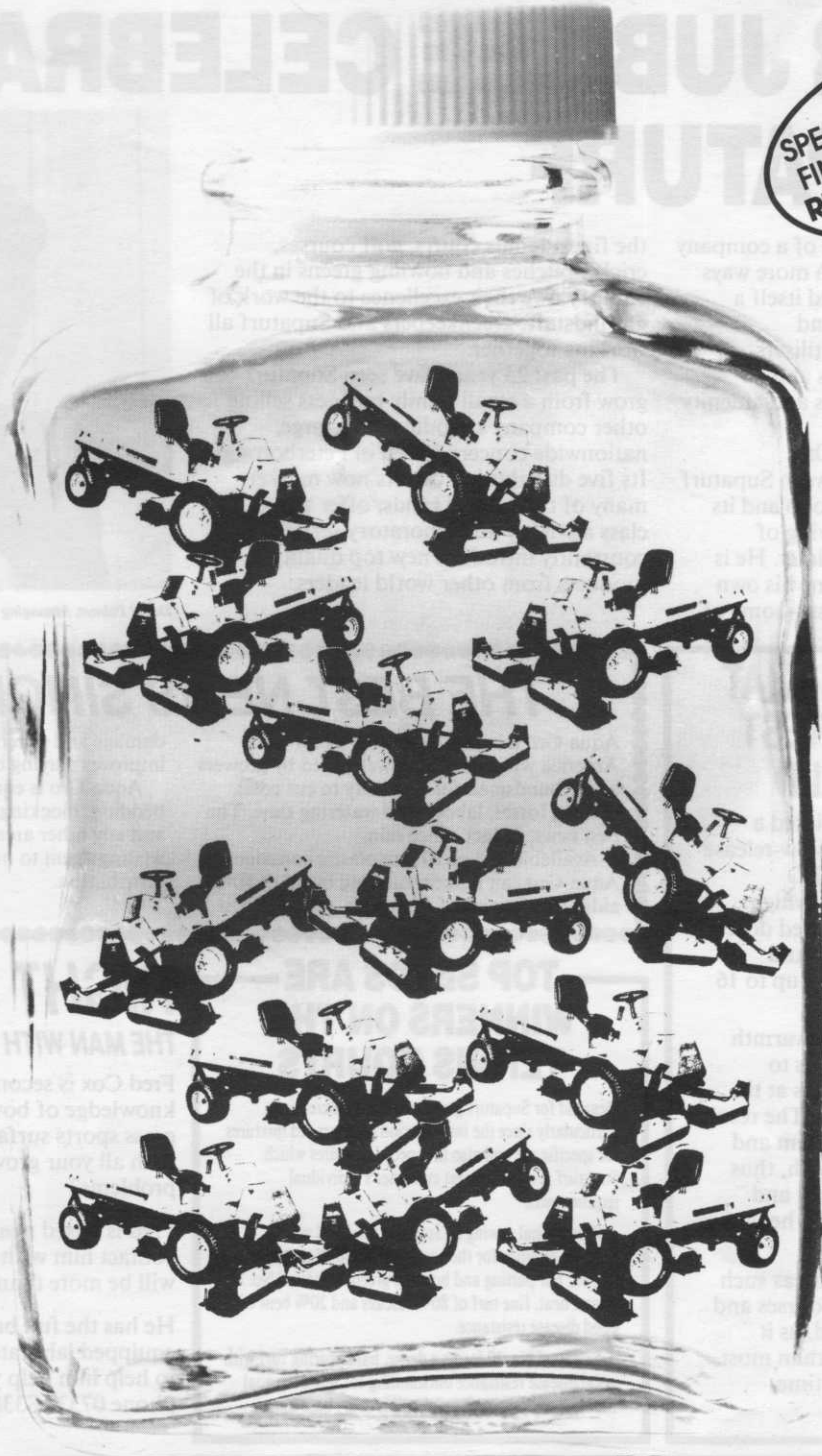
Farrant Chemicals Ltd., Dept S1, PO Box 26,
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SPECIAL LOW COST
FINANCE SCHEME—
RING FOR DETAILS



Take one to relieve grass cutting headaches.

There are two new machines in the Nickerson Turfmaster range. And they're both equipped with modern, air-cooled diesel engines.

The advantages speak for themselves - the Turfmaster 375 and 390 are quiet and easy to operate.

Nickerson Turfmaster machines are less of a headache all round. Despite its 7' width of cut the 375 can get you out of awkward spots, like cutting round trees; the 390 has three 10" diameter cylinders giving 100" width of cut and covers up to 7½ acres per hour.

Nickerson Turfmaster machines aren't a pain to maintain; they're almost unique in carrying a full Two Year Warranty.

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Nickerson Turfmaster Ltd FREEPOST Gainsborough
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GREAT BRITISH GRASSMANSHIP

SILVER JUBILEE CELEBRATIONS AT SUPATURF

1985 marks the Silver Jubilee of a company that just can't stop growing in more ways than one! Supaturf has proved itself a market leader in the supply and distribution of grass seed, fertilisers, chemicals and allied products and equipment for the turf, sports and amenity industries.

This year also marks the 20th anniversary of the union between Supaturf and the George A Palmer Group and its continual growth under the wing of Managing Director David Palmer. He is delighted to be able to combine his own love of all sports with business—some of

the finest tennis courts, golf courses, cricket pitches and bowling greens in the country owe their excellence to the work of groundstaff, greenkeepers and Supaturf all working together.

The past 25 years have seen Supaturf grow from a small family business selling other company's products to a large, nationwide concern based in Peterborough. Its five distribution depots now market many of their own brands, offer a first class advisory and laboratory service, and constantly introduce new top quality products from other world leaders.



David Palmer, Managing Director, SUPATURF Products Limited

SLOWCOACH THAT BEATS THE REST IN THE FIELD

Supaturf have been appointed a distributor of a range of slow-release nitrogen fertilisers, COMPO FLORANID, from BASF which work by releasing a measured dose of organic nitrogen evenly and slowly over a long period—up to 16 weeks or even longer!

The release is triggered by warmth and moisture allowing grass to receive its feed requirements at the right rate at the right time. The result is a good, healthy root system and an even rate of sward growth, thus reducing mowing frequency and producing a better looking, healthier and more resilient turf.

Floranid is ideal for turf areas such as football pitches, golf courses and general amenity areas and, as it needs fewer applications than most other fertilisers, saves on time, labour and money.

THE BEST NEWS SINCE RAIN!

Aqua-Gro is a unique wetting agent from America which has been welcomed by growers and groundsmen for its ability to cut costs, disease, losses, labour and watering time. The best news, in fact, since rain.

Available in 5 or 10 litre plastic containers, Aqua-Gro can reduce watering by up to 50%, aids effectiveness of chemicals, reduces frost

damage and potential diseases, and improves playing quality of turf surfaces.

Aqua-Gro is equally ideal for propagating, bedding, blocking, pot and container plants and any other area which could benefit from a wetting agent to maintain even water distribution.

TOP SEEDS ARE WINNERS ON THE TENNIS COURTS

Demand for Supaturf grass seed is ever increasing, particularly since the introduction of upgraded mixtures for specific use and also the special mixtures which Supaturf prepare to meet customer's individual requirements.

Preseasonal sowing of Supaturf seed will greatly improve grounds for the commencement of the playing season. For putting and bowling greens Supaturf No. 1 gives a neat, fine turf of 80% fescues and 20% bent with good disease resistance.

Supaturf No. 10 forms a dense, hardwearing turf with good disease resistance outstanding for resowing goal mouths, cricket wickets and tennis court base lines.

RIGHT SAYS FRED, THE MAN WITH MOST OF THE ANSWERS

Fred Cox is second to none in his knowledge of bowling greens and other grass sports surfaces so who better to go to with all your growing and turf care problems?

Fred is based near Rugby, and, if you contact him with your 'growing pains' he will be more than happy to help.

He has the full backing of Supaturf's well equipped laboratories and other facilities to help him help you so don't delay, phone 0733 683384 and ask for Fred Cox.

AT HOME AND AWAY

While Supaturf continues to be based at its Peterborough headquarters on Oxney Road it also has distribution depots nationwide for the convenience of all its customers.

These are:

Northern Depot

Supaturf Products Limited, Unit 2, Ripley Close, Normanton, WAKEFIELD, W. Yorks WF6 1TB. Tel: (0924) 891000

West Midlands & South Wales Depot

Supaturf Products Limited, Unit 104B, Hartlebury Trading Estate, KIDDERMINSTER, Wores. DY10 4JB. Tel: (0299) 250087.

East Midlands Depot

Supaturf Products Limited, Oxney Road, Peterborough, PE1 5YZ. Tel: (0733) 68384

Southern Depot

Supaturf Products Limited/TMS, Dromenagh, Seven Hills Road, IVER HEATH, Bucks. Tel: (0895) 832626

South West Depot
D.O. Hunt Limited, 14 Fairfax Road, HEATHFIELD,
Newton Abbott TQ12 6UD. Tel: (0626) 834499



SHOWING OFF AT I.O.G

Join the Silver Jubilee Celebrations on Stand No. A38-40 at the I.O.G. and see why Supaturf just keeps on growing and growing...

 **Supaturf**

Supaturf Products Limited,
Oxney Road, Peterborough PE1 5YZ.
Tel: (0733) 68384. Telex: 32465

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.



Continued overleaf...

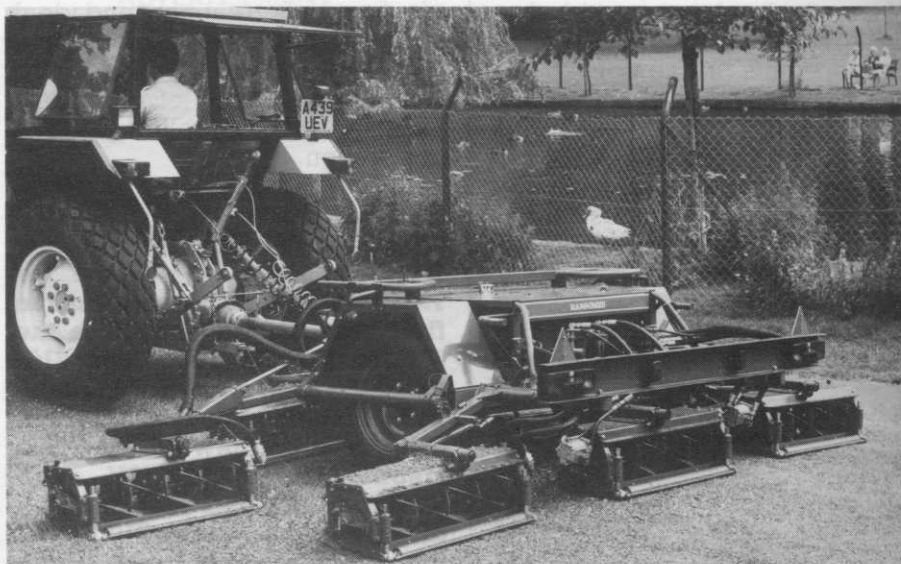
find the secret of Longlife at Windsor

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 Parkmatic 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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C.M.W. can supply all your needs. Our policy is to produce top quality accessories, at competitive prices, with prompt deliveries.

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High Quality Golf Green Top Dressing (FENDRESS) available in bulk loads of 10, 15, 20 and 25 tonnes delivered anywhere U.K. Mainland, N. Ireland.

A Superior Top Dressing, using soils with a low clay & silt content, carefully blended with Fenland Peat and Lime Free Free Silica Sand, shredded and sieved. Ready for immediate application to golf/bowling greens.

Save purchasing expensive equipment which stands idle for much of the year, also high labour costs and problems of finding suitable ingredients of constant quality.

PLEASE REMEMBER THERE IS ONLY ONE TRUE FENDRESS REGISTERED TRADEMARK

Pre-Packed supplies also available.

SPECIAL MIXES TO YOUR SPECIFICATION ALSO PREPARED

ALSO Sedge Peat (“FENPEAT”) in bulk.

Lime Free Sands, White or Yellow. Screened Loam etc.

Please telephone T. I. Banks for quotations. You will be surprised by our competitive prices.

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It isn't all “just grass” to us — sometimes it isn't even grass at all. We also design sprinkler systems for artificial surfaces.

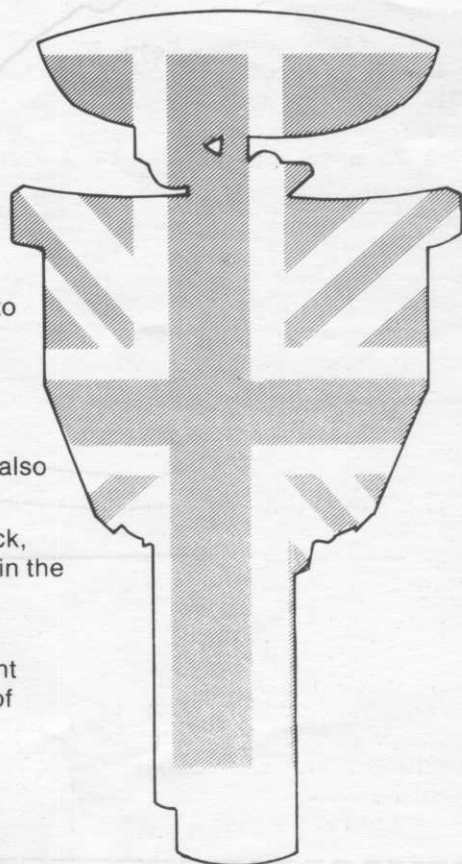
So if you have a golf course, tennis court, bowling green, running track, football pitch . . . or even a whole town to be irrigated and monitored in the Middle East, we can offer you irrigation equipment which is specially designed and suitable for the needs of those areas.

Naturally, we can still supply you with all our usual range of equipment and spares and in fact we now have the most comprehensive range of irrigation equipment in the Country. THE CHOICE IS YOURS.

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Greenkeeper



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 SPECIAL MIXES TO YOUR SPECIFICATION ALSO PREPARED
 For sale in 1000 lb bags and 25 tonners
 Delivered anywhere in the United States
 Save purchasing extensive equipment which stands
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 application to following areas:
 This site is graded and paved. See our
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 a Superior Top Dressing grade with a low salt
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DEMONSTRATION AREA

74	75	76	77	78	79	80	81	82	83	84	85	86
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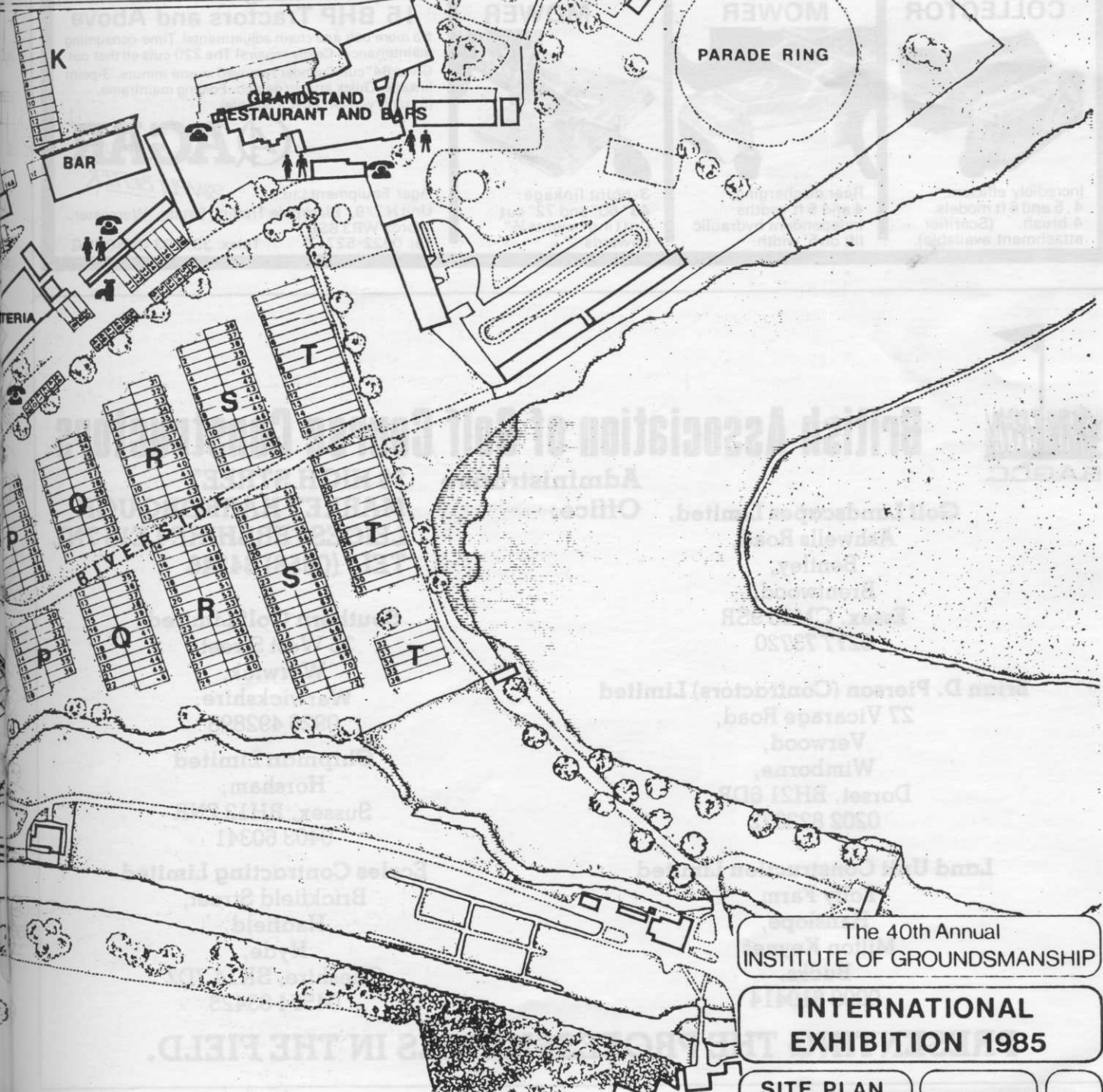
CATERING POINT

PARADE RING

GRANDSTAND
RESTAURANT AND BARS

BAR

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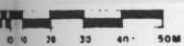
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INSTITUTE OF GROUNDSMANSHIP

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July 1985



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**IT'S WHAT THE
220 HASN'T GOT
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NO BELTS • NO CHAINS • NO HYDRAULICS

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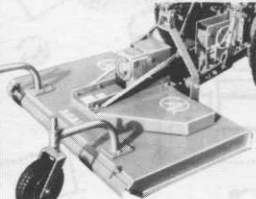
Incredibly efficient.
4, 5 and 6 ft models.
4 brush. (Scarifier
attachment available).

MID-MOUNTED MOWER



Rear discharging.
4 and 5 ft widths.
Independent hydraulic
lift on 5' width.

ROTARY MOWER



3-point linkage.
48" 60" and 72" cut.
Cutting heights 1/2"
upwards.

Unique 3-Gang Mower for 15 BHP Tractors and Above

No more belt and chain adjustments! Time-consuming maintenance! Costly repairs! The 220 cuts all that out. Gives 84" cut. Cylinder removed in one minute. 13-point linkage. Quick attach/detach. Folding mainframe. (5-gang version now available).

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PRESENTING THE PROFESSIONALS IN THE FIELD.

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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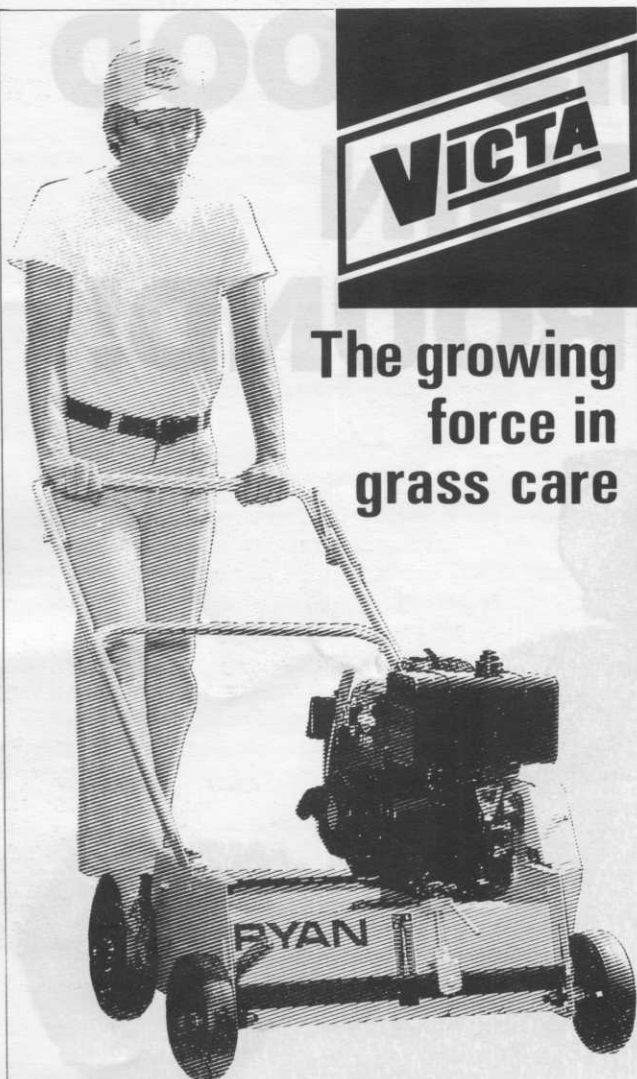
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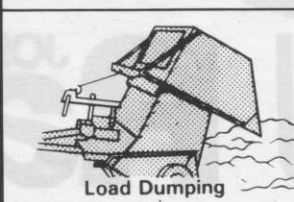
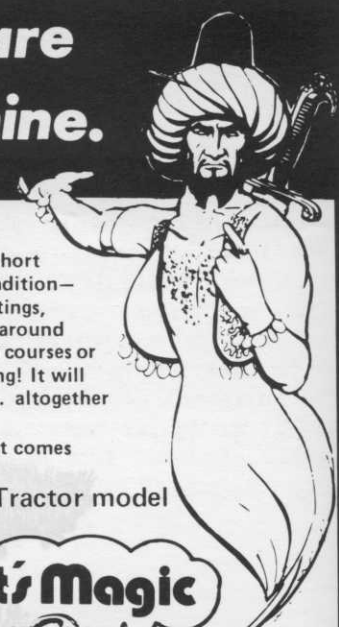


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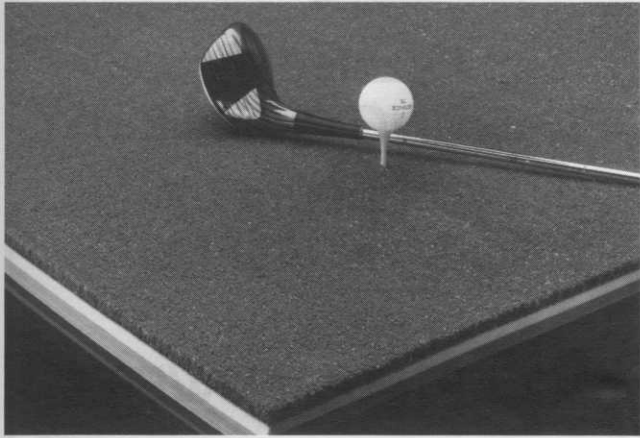


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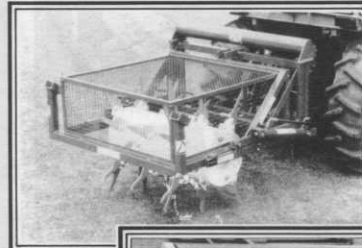
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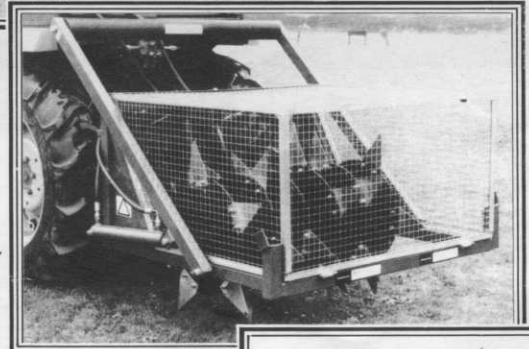
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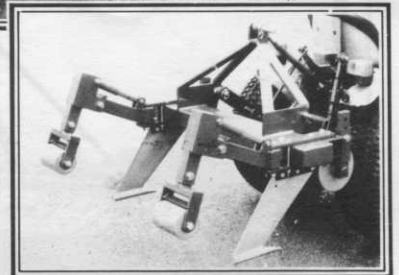
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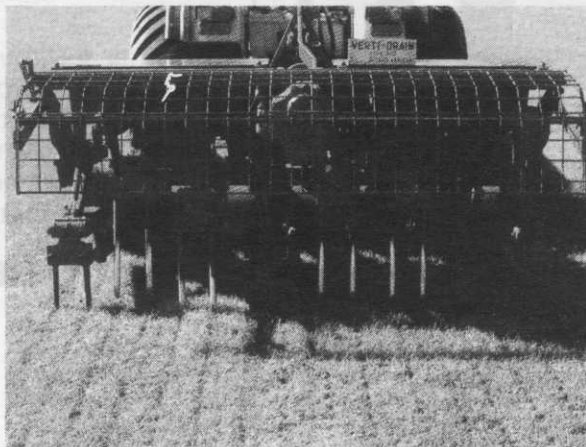


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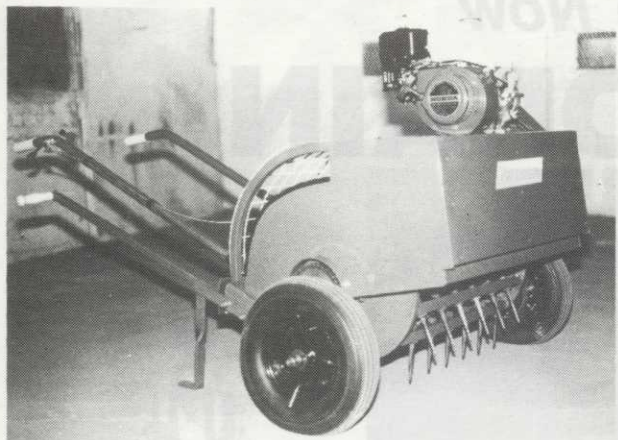
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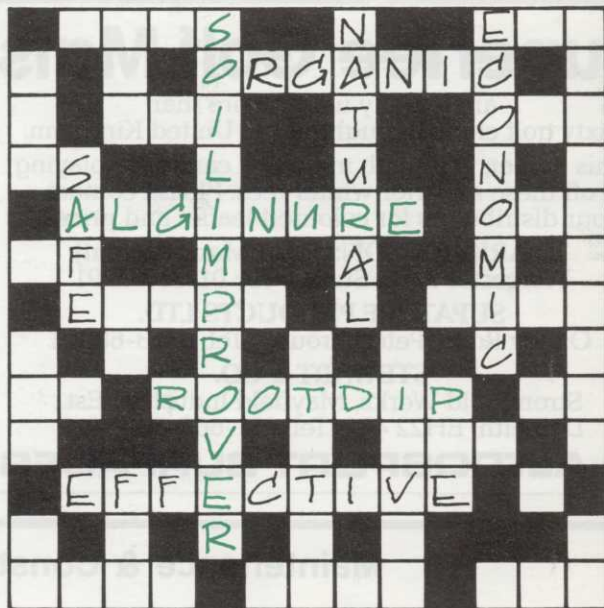


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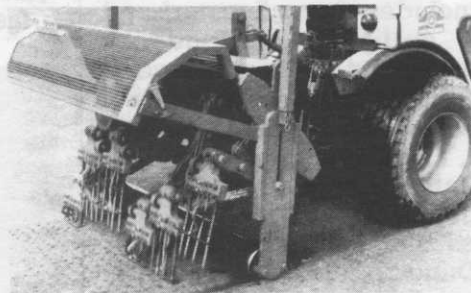
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Golf's Great Man Is A Rigby Taylor Fan

Just about the hottest news from within the industry in recent times was the coup by Rigby Taylor when Seve Ballesteros no less was boldly signed to endorse the company's products. Seve is seen discussing with Richard Lawrence, Rigby Taylor's marketing director, application details of Mascot fungicides. Seve has used a wide range of Mascot products on his course in Spain and has been particularly impressed by Rigby Taylor's fungicides. Further details can be obtained from Richard on 0204 394888.



Ransomes/Mountfield Link Announced

Ransomes has completed the acquisition of Mountfield's UK and European estate and garden machinery manufacturing business and certain of its subsidiaries for a total of £4.25 million. The purchase price is subject to certain considerations. The remaining business of the Mountfield Group, principally Power Gardening (Slough) and Robert H Andrews, which distributes and retails grass machinery, and other unrelated assets will be retained by the vendors.

Ransomes currently manufactures and sells grass machinery mainly for the professional user. Mountfield is a leading name in the domestic mower market and the introduction this year of the new Mountfield Triple M ride-on cylinder mower also gives them a presence in the semi-professional market. Mountfield will continue to operate as an autonomous company located at Maidenhead.

Didin Can Do It

Developed after several years of research, the Longlife range from SAI includes three fine turf and three outfield turf foods, a pre-seeder and an all-in-one weed and feed treatment for all types of turf. Five of the turf foods contain Didin, an ingredient designed to regulate the availability of nitrogen to the turf.

Sales and marketing manager Jim Duncan said: "Didin saves money by reducing nitrogen wastage caused by leaching and excessive grass growth even when greens are regularly irrigated. Turf foods containing Didin supply the grass with nitrogen for longer than conventional turf fertilisers. As a result, the groundsman has to make fewer applications throughout the season and there is less grass cutting."

SAI Longlife Fine Turf products are for golf greens, bowling greens, tennis courts, cricket squares and ornamental lawns. They include a spring and summer

turf food with Didin, an autumn and winter treatment to promote hardiness and disease resistance and help turf respond quickly at the start of growth and a fast acting spring and summer



Jim Duncan.

treatment to provide a quick green up and to suppress moss.

SAI Groundsman products are for all playing fields and outfields, including fairways, tees and other recreational areas. They include a spring and summer food with Didin, an autumn and winter treatment to establish good grass cover for the start of the season and a once-a-year nitrogen treatment for even growth in the summer.

Longlife Plus is a new weed and feed application with Didin that contains herbicides to control broad-leaved weeds in all grasses. And the Longlife Pre-seeder is a new mini-granular and organic-based turf food with the ideal nutrient ratio for the establishment of fine turf and outfield grass areas.

The Longlife range replaces the SAI Mini-Crum fertilisers.

For marketing information on any of these products, contact Mrs Jill Heeks, Scottish Agricultural Industries, Firth Road, Houston Industrial Estate, Livingston, West Lothian, EH54 5QW.

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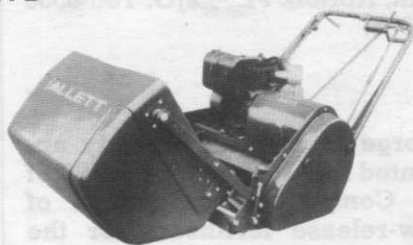
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People, Places, Products

Trident Of Compstall, Stockport has extended its activities to the sports turf business with the purchase of specialist machinery for hire to sports clubs. Trident has a Ryan Greensaire 16, Ryan Greensaire II for hollow tining, solid tining or slitting, a Jacobsen Sweeper for core removal and a Howard Gem Rotorvator. Contact an area representative or the sales office on 061-427 7171 for availability and charges.

Morrison Industries has moved to a new warehouse and office complex in King's Lynn. From August 1, the company has been located at Unit 12, Bergen Way, North Lynn Industrial Estate, King's Lynn, Norfolk PE30 2JG. Tel: 0553 763333.

George A Palmer, recently appointed sole importer by BASF of the Compo Floranid range of slow-release fertilisers for the horticultural and amenity market, has appointed nationwide distributors. Made by the BASF company in West Germany, the range initially includes nitrogen, NPK and NK products and is suitable for application in all turf grass situations and cultivated areas. From mid-July, 13 distributors have been offering the four products. The appointed distributors are: Richard Aitken, Glasgow; Gwyn Cadogan, Usk, Gwent; Maxwell M Hart (London), Wokingham, Berks; D. O. Hunt, Newton Abbot, South Devon; S Kenworthy, Altrincham, Cheshire; John K King & Sons, Coggeshall, Essex; Nursery Supplies (Bourne), Bourne, Lincs; T Parker & Sons, Worcester Park, Surrey; Sports Turf Services, Hewbridge, Midlothian and Supaturf Products at Wakefield, West Yorks, Iver Heath, Bucks, Peterborough and Kidderminster, Worcestershire.

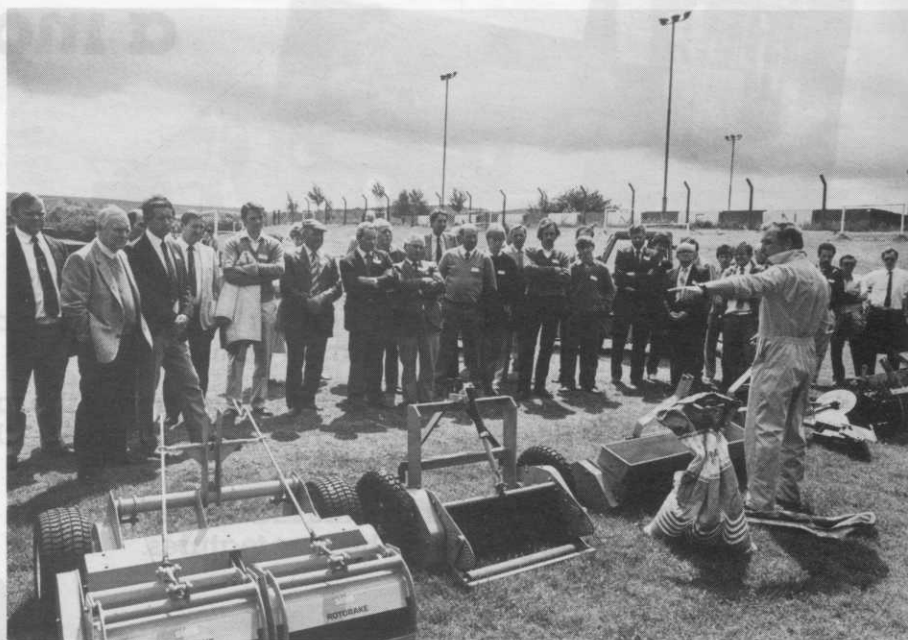
Burts & Harvey has recently taken on two new regional sales managers. Covering the East Midlands and East Anglia, Richard Allen has transferred



The Pershore College of Horticulture, Worcestershire was the venue for a recent NTC workshop attended by over 50. Entitled *The Mower For The Job*, the workshop was organised by Peter Wallin, the college's amenity lecturer. NTC chairman Michael Chance said: "This year has been an important landmark in the NTC's short history because this is the second workshop in the space of a month arranged by a non-member of the council." He believed this was tangible evidence that the NTC was supplying a need of the turfgrass industry.

from the agricultural division of May & Baker. He is conversant in the use of pesticides in the crop spraying sector and based near Grantham. The second recruit, Graham Munro, has a quarrying and road construction background. Graham lives near Huddersfield and covers the northern counties up to the Scottish Border. For further information, contact Burts & Harvey on 01-311 7100.

Fyffes-Monro Horticultural Sundries has published its latest *Amenity Recreational And Industrial Catalogue*. Copies are available free of charge from the company's Aylesford, Burscough, Cheltenham, Chichester, Penzance and Spalding offices or 15 Stratton Street, Piccadilly, London W1A 2LL. Tel: 01-499 3411.



Alan Barnes of SISIS explained the Hydromain System to some one hundred greenkeepers, groundsmen and parks personnel during a tour of the company's Macclesfield factory recently.

May & Baker's environmental products department has launched Rovral Granules for simple fungicide treatment. With the identical broad-spectrum disease control of Rovral Green, Rovral Granules control fusarium patch, red thread, dollar spot, brown patch and leaf spot/melting out at the 2.5kg rate (applied to treat 500sq m) and grey snow mould at the higher 5.0kg rate.

Applied by a standard granular applicator, Rovral Granules require no mixing with treatment taking place in dry or damp conditions despite light winds. Unlike sprays, there is no danger of drift. Rovral Granules diminish the need for pressure spraying equipment - indeed, the granules are ten times lighter than the equivalent liquid spray treatment. Supplied in a 2.5kg carton, Rovral Granules are priced at £15 per pack.

The Sports Turf Research Institute will hold three one-week courses in the autumn on the theory and practice of turf construction and management. The courses last five days, starting Monday morning and finishing on Friday afternoon and will cover soils, grasses, turf diseases and pests, drainage, watering, fertilisers and machinery. Starting on October 21, October 28 and November 4, the fees (exclusive of accommodation and meals) are £85 for members and £100 for non-members (plus VAT). Further details from the Secretary, Sports Turf Research Institute, Bingley, West Yorkshire BD16 1AU. Tel: Bradford (0274) 565131.

This year's Scotsturf exhibition and seminar will take place at the Royal Highland Exhibition Centre at Ingliston, near Edinburgh on Wednesday November 6.

Over 50 companies have already booked stand space and a record number of delegates have registered for the morning seminar sessions. Special terms have been negotiated at Edinburgh's North British Hotel, Princes Street for exhibitors and visitors.

This is the fourth year the IOG's Scottish and Northern Ireland zone has organised the annual

Scotsturf event and more than 4,000 visitors are expected. The exhibition will be open from 10am till 6pm and entrance and car parking are free.

The Institute Of Groundsmanship and the Horticultural Correspondence College are to co-operate in the development of correspondence courses in groundsmanship. The institute sees them as a valuable preparation for its examinations. The first course covers the institute's national technical certificate examination and the two organisations are already working on a course for the intermediate diploma. The IOG and the HCC will also co-operate in the provision of practical training courses at Milton Keynes and several regional locations to supplement the written material.

The Institute will also be running a series of one-day and weekend training courses this autumn on golf greenkeeping and bowling green maintenance. The golf greenkeeping course will be at the Woburn Sports Club, Bedford from October 14-15. Fees are £30 (plus VAT) for IOG members and £40 (plus VAT) for non-members. Venues for those interested in bowling greens are Manchester (September 29), Grays Thurrock, Essex (October 5) and Graves Park, Sheffield (October 12). The fees are £10 and £12 (plus VAT).



Mary Wood-Hill has been appointed a director of Brian D. Pierson (Contractors). Mary, who has been with the company for seven years and has been the company secretary for the last five, will have special responsibilities for landscaping and local authority contracts.

Broderick Grass Machinery of Dublin was the outstanding Kubota tractor dealer in Ireland and the UK last year. Managing director Noel Broderick received a special commendation in Tokyo for sales of tractors in 1984 and was also voted the outstanding dealer. Further information from Noel on Dublin 970 822.



Sales manager Ken Heffernan, sales rep/demonstrator Robert Foley and managing director Noel Broderick admire the award.

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G/9/85

THIRTY-EIGHT YEARS LATER

Steve Donnachie will be familiar to many readers as one of the great characters of northern Scottish greenkeeping. Recently retired from Deeside Golf Club, he tells his story...

I was home after six years army service and looking for a job. It was on April 7 1947 that I began my new career and, looking back in 1985, it seems like yesterday.

The head greenkeeper at Banchory Golf Club was George Leighton, a dedicated man. In fact, after preparing the course for big events, 'Dod' was reluctant to let ANYONE play on it! Someone was required to scythe the bunkers in those days so, having used this now obsolete tool on the farm at home in Ayrshire before the war, I got the job. Part of the course had been ploughed up for the war effort and our first job was to thresh corn, clear the two fairways and sow seed.

Our main tractor unit was an old Morris car for pulling the three-gang iron-wheeled cutters, with an attachment for fitting a cart. I had a hand push mower for the greens and a Talisman push mower for the tees and approaches. These machines, although slow, did a good job.

We used mainly sulphate of ammonia with sulphate of iron in the spring and mid-summer, with a good earthy top-dressing. Of course, soon after the war, fertiliser was hard to come by. Daisies were left to grow, then cut short with the units set low.

Bunkers were scythed three times during the season, rough about four times with a reaper (Albion). With no weedkillers, clover on the greens was bled with the scythe set low. My father-in-law was a blacksmith, which was very handy.

To get rid of moss, we used water from a gasometer. This controlled the moss, but never rid our inland river-side course of it. The first motor mower we acquired was

a Jehu made by Shanks of Arbroath, a firm that has now closed down. The first Overgreen came to us via Ransomes and Bill Beveridge – alas, no longer with us. A great fellow, Bill. We in the north still think a lot of him and miss him.

It was about this time, 1951, that selective weedkillers started. We took a lot of persuading to use them, but they proved a boon. In 1959, I moved to Deeside Golf Club as head greenkeeper. We had progressed from foot-tining to the Auto Turfman. It was at Deeside that I really discovered the duties of a head greenkeeper – ditcher, drainer, mechanic, forester, soil scientist, landscaper. You name it, we greenkeepers are it!

Now we moved on to the age of hydraulics – Haan, Toro, Jacobsen. Gone were the eight hours hand-cutting, three times per week. This was now reduced to two and a half hours every day. The next step was irrigation. Pop-ups were regarded as the finest thing since sliced bread, but be wary of having them at your fingertips.

We now have machines of every type and for every type of work – aggregators, irrigators, slitters, hollow-tiners, dethatchers and tractors, everything to make life easy. But when I was pushing the old hand Pennsylvania in 1947, there was no water, no fertiliser, less worry and,

Continued overleaf...



PHOTO: ABERDEEN JOURNALS



Steve Donnachie received a gift of Edinburgh crystal from SIGGA president Jimmy Neilson. Steve's wife Jean was presented with a necklace by members of Deeside Golf Club, who also gave Steve a cheque in recognition of his service over the years. In particular, Steve thanks Mr and Mrs A Leek and the club secretary Mr I Hamilton for their thoughtfulness.

to my mind, a better type of green. Greens? They were more often brown, but firm and fiery and good areas to putt on.

There is also now a big difference in the free clothing, protective boots, wellingtons, gloves, overtime, payments to attend college, forty-hour week and a host of other prerequisites, which are all a good thing and quite a contrast to a pair of moleskin trousers, fifty-four hour week, no overtime and one week's holiday yearly. It was then considered your duty to see that the course was always fit for play, no matter when it was prepared or how long it took.

Now, I have left all this behind. On June 6, I retired and having kept a day diary for about forty years, it is great to look back at the weather, duties and oddities. For instance, Deeside Golf Club has been fully closed for play 626 days over a twenty-six year period. The members will want a rebate! I have planted about 15,000 trees on the course. Salmon have been found in the sand traps and left there after the floods have gone. Moles have let me know when a flood is due - heaps appear on top of the high grass banks.

I could go on for pages about all the ways and means a greenkeeper has of obtaining local knowledge of his course. The amount of strange stories would fill a book, but a few here would not go amiss. Like the member who kept lifting his divots and throwing them into the adjacent wood. He was rather upset when told that if all members did the same, the fairway would be in the wood within a week. Or the member walking off the green wondering why the following players were shouting fore, only to be told he had the flagstick in his golf bag! One notable greenkeeper who was asked to sweep the snow from his greens told the convener, "Nature brung it an' nature can tak it awa."

I wonder what the old notables of my early days would think of conditions now. Gibb, Munro, Pirie, Willie Richie, Gordon, Patterson - these were the cream in my book. Hard men in all aspects of life, but great chaps. The aforementioned were booked into an hotel by the then secretary. On enquiring the whereabouts of the bar, they were told to go out the front door, turn right and walk a hundred yards along the street. They had been booked into a temperance hotel!

Those days are gone, but to any young man joining SIGGA I say you are entering a great career. Enjoy it!



It must be the retirement season. Last month, Greenkeeper reported that Scott Walker had retired from Gleneagles after 37 years. Scott is seen with Gleneagles estates manager Jimmy Kidd, Scott's wife Nan and general manager Peter Lederer.

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Wessex Introduces High Capacity Turf Sweeper

Wessex Farm Machinery has developed a PTO driven rotary sweeper suitable for turf or hard surfaces. The sweeper has a working width of 1.25m (4ft) and requires only 15hp, making it ideal for use with compact tractors.

The Wessex sweeper has a large capacity hopper, holding some 1.25 cubic metres of grass mowings or leaves. The machine is semi-mounted, so there is no load transfer to the tractor, making the sweeper specially suitable for autumn use. The rear load bearing wheels have wide-profile turf tyres to minimise compaction. The front wheels are fully castoring for manoeuvrability and are adjustable on sliding support arms to regulate pressure on the brush and compensate for bristle wear.

The rotary brush comprises four rows of polypropylene bristles bolted at right angles on to a spindle, which runs in twin-sealed bearing units. The transmission comprises a right angle drive bevel gearbox and a cross shaft with an integral universal joint, with double v-belts driving the rotor.

In front of the brush is an adjustable skirt, which can be raised for leaf sweeping, litter collection, etc, and lowered for picking up grass mowings. An optional polyester dust-shield is available.

The collection hopper is of welded monocoque construction for rigidity, with panels of expanded metal at the top and sides to ensure sufficient air flow. A counter weight at the front balances the hopper, which pivots in ball bearings to ensure smooth tipping.

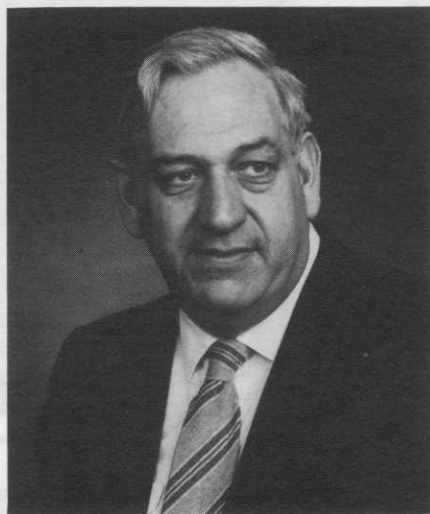
The tractor's three point linkage lifts the front of the sweeper out of work, giving ample room, for instance, to mount kerbs. Sufficient clearance is also gained to pivot the hopper anti-clockwise, using a cord-pull trip mechanism accessible from the tractor seat. The tractor is then eased forward so the hopper rotates through approximately 270 degrees and dumps the load neatly on the ground. When the tractor is clear, the hopper returns to the working position under its own weight and locks automatically.

The Wessex sweeper is connected to its linkage frame by a universal ball-joint, so that the machine will follow the contours of fairways accurately and in any direction.

The Wessex PTO driven sweeper has a working width of 4ft (1.25m) with an overall width of 5ft 9in (1.75m) and retails at £1,375 (plus VAT).

Full details from Wessex Farm Machinery Sales, Newman Lane, Alton, Hampshire GU34 2PW. Tel: 0420 88848.

TIS Boom Time



Robin Hume.

Reviewing the first six months of his new company's activities in the turf irrigation market, director Robin Hume says he is very pleased with Turf Irrigation Services' order book.

Robin who, with co-director Bill Squires, took over the irrigation division of E A Yates & Sons (Sandbach) last November, is considering further expansion to cope with demand.

"We employed all the existing irrigation team originally with E A Yates," he said. "They are doing a tremendous job, but we are hard pressed at times."

Robin, well-known in this country's sprinkler irrigation market, commenced his career in 1964 with Wright Rain, which pioneered large-scale arable irrigation in Britain.

He subsequently gained a wider appreciation of irrigation system design when he set up on his own as an irrigation consultant in 1972 and then an irrigation management company in 1976.

Since last November, Turf Irrigation Services has signed con-

tracts for a dozen bowling greens. In addition, TIS is currently involved with eight updating projects for golf clubs and the installation of new systems on another 11 courses.

Further information can be obtained from Robin Hume or Bill Squires at Turf Irrigation Services, Betchton, Sandbach, Cheshire CW11 0TS. Tel: 04775 255/536.

● *Turf Irrigation Services is the Toro Irrigation area distributor for Wales, the Midlands, south/west, north and north west, including Greater Manchester.*

Supaturf Products is distributing a range of slow-release fertilisers based on ISODUR from BASF. The new slow-release nitrogen fertiliser for turf works by releasing a measured dose of organic nitrogen, evenly and slowly, over a long period of up to 16 weeks. Because release is triggered by warmth and moisture, the grass receives the fertiliser it needs at the right time, resulting in good deep healthy root growth and an even rate of sward growth, thus reducing mowing frequency. It also means less parched and withered grass in times of drought, while fast lateral growth quickly covers bare patches and will withstand wear and tear.

● *Bob Lewis, 29, has been appointed warehouse supervisor at the Supaturf headquarters in Peterborough. The newly appointed sales office secretary is Sally Barker, 20, who will assist sales office manager Dr Rodney Dunn.*



Bob Lewis.

Born In The USA - Now Available Here

Control of matted growth, thatch and graining on putting greens are key features of two accessories for Jacobsen's Greens Mower.

The rotary brush penetrates grass to sweep out matted growth and stand up plant leaves to help reduce grain. The vertical reel unit removes surface thatch, cuts runners and also helps control graining.

Both accessories are power driven, can be engaged and disengaged by the clutch, mount at the front of the Greens Mower and are interchangeable. Rotary brush pressure and vertical reel depth are adjustable.

Jacobsen Mowing Tractor Features Floating Reels

A floating gang system that allows reels to follow minute ground contours plus simplified cutting height adjustment are only two features of the HF-5 mowing tractor available from Jacobsen.

The floating system, which incorporates a second flexing joint on gang shafts, can also operate in a fixed mode. When floating, an optional roller is attached to eliminate scalping in fine cutting.

Other features of the compact five-gang hydraulic machine, which can mow 50 acres of turf in one shift, include a large Donaldson air filter, cooling fan control, a fuel gauge and a larger tank.

Its hydraulic systems include protective boots for cylinders,

hose covers to eliminate external wear and the positioning of reel motors to an inboard location on gang units.

The HF-5, the first medium-size hydraulic mowing tractor offered by a US manufacturer, cuts an 11ft swath with all five reels lowered.

Hydraulic reels allow cutting frequency to be infinitely variable. Because reels can turn

faster, the machine can travel faster, mowing at a speed of up to 7mph. The system can be reversed to backlap reels in place.

Other hydraulic systems are also used for the automatic-type transmission, power steering and for raising and lowering individual wing reel units.

The HF-5 is one of 55 Jacobsen machines available in the UK.



Jacobsen Greens Mower accessories - left: the powered rotary brush and (right) the powered vertical reels.



The Jacobsen HF-5.

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ALC's Funding Findings

Greenkeepers and groundsmen in Britain could be wasting valuable funds every year maintaining poorly constructed greens and fine turf sports areas, according to Amenity Landscape Construction (ALC). Indeed, more than 80 per cent of all maintenance problems can be traced back to poor initial construction.

By commissioning proper construction or re-construction, without cutting corners to save costs, groundsmen and greenkeepers can save considerably on maintenance costs and disruption of play, the company says.

ALC, founded by Martin Longstaffe of Wener and Longstaffe, has long experience in the construction and maintenance of fine turf areas for sport. After spending much time over recent years in re-construction and maintenance of poorly constructed greens, cricket tables, tennis courts and sportsgrounds, managing director Martin Longstaffe and his team are committed to raising the levels of understanding about fine turf construction.

"As an ex-groundsmen, I have been faced with several and often extremely costly problems, almost all of which could have been eliminated or reduced by good initial construction. Much of the mystique surrounding the maintenance of fine turf areas is a result of attempts to correct poor initial construction," he said.

Drainage, poor levels and over consolidation of soils are three basic problems, which are typical in ALC's experience, and

groundsmen should always be wary of being sold short on any of these, he added.

For example, drains are often covered by an impervious layer of sub-soil, which effectively seals them and renders them useless. In such cases, the inclusion of sufficient porous backfill is essential. And inadequate consolidation of soil or over consolidation, such as by using heavy construction machinery on the playing area, can both result in poor levels and disruption to play.

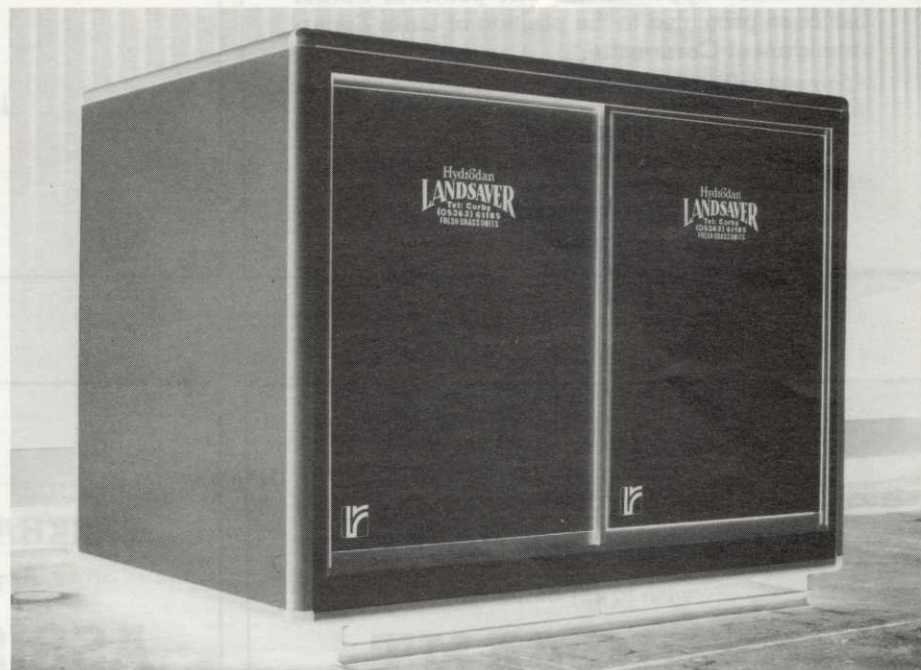
In its new brochure, ALC outlines many of the problems associated with fine turf areas and how they might be overcome. Copies are available from Amenity Landscape Construction, 1st Floor, 33 High Street, Barnet, Herts EN5 5UW. Tel: 01-441 0189.

Grass Growing Made Easy

Hydrodan (Corby) has developed a revolutionary grass turf machine that will produce small or large quantities of turfs for sports applications.

The machine, called the Landsaver, produces a regular daily supply of soil-less turfs, which take only four to six days to grow from seed, regardless of the weather. Turfs are of consistent quality and size, weighing much less than those grown naturally, making handling simpler. Depending on the size of machine, one can guarantee between 12 and 87 turfs per day, 365 days of the year.

For further information, contact Mr G. Lusty, Hydrodan (Corby) Ltd, 74 Earlstrees Road, Corby, Northants, NN17 2AZ. Tel: 05363 61185.



The Landsaver HD-75 can produce 12 turfs a day. Grass takes four to six days to grow, depending on variety.

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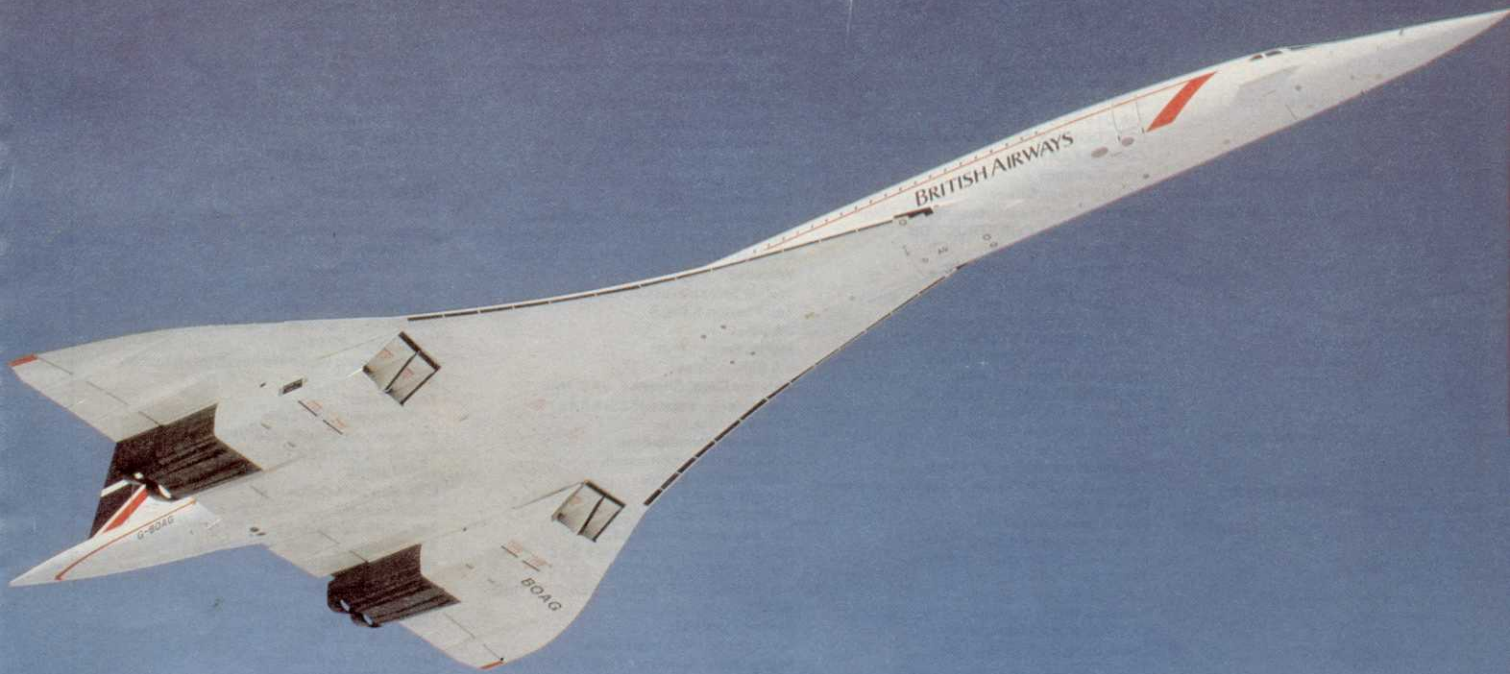
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