New Rider Rotary Introduced

Designated the T1648, the new Ransomes Rider Rotary has been developed for maintaining frequently cut grass areas and, because of its manoeuvrability, it is also suitable for working in confined areas.

There are two unusual features on the mower—a ferry lock and speed limiter. The first improves traction and automatically disengages when turning. The speed limiter is a safety device and prevents the machine from making a tight turn too quickly.

Powered by a 16hp Kohler engine, the mower is steered by a single rear wheel, has instant forward and reverse drive, as well as infinitely variable speed control.

The floating cutting head, which can be adjusted for height of cut, has three high lift one-piece blades with spindles positioned to avoid the need for synchronisation.

Burts & Harvey Comes Back

"A traditional name with an exciting new future," is how John Arthur, recently appointed business manager of Burts & Harvey, described the company following its acquisition from Diamond Shamrock by May & Baker Agrochemicals. After deciding to re-instate the familiar Burts & Harvey name, which disappeared after the company was taken over by Diamond Shamrock in 1979, John sees continued expansion for Burts & Harvey in its new role as an independent trading company within the May & Baker group, yet having the opportunity to draw upon the financial and research resources of Britain's fifth largest agrochemical concern.

"Operationally, Burts & Harvey has also been reinforced with the appointment of a contracts manager, Bernard Veale, along with support from a technical manager, Graham Paul, a commercial co-ordinator, Jill Howard, and a special projects manager in 'Benny' Goodman. Other appointments will be made shortly," he added.

The target markets for Burts & Harvey—namely, industrial sites, highways, local authorities and amenity areas—remain. A comprehensive product range incorporates a package of total weedkillers for all industrial situations, a selection of grass-growth regulators, fungicides and selective herbicides for highway and local government users, and the kerb spraying unit, which has been specifically designed around B & H total weedkillers.

Greenkeeper thanks the trade for its continued support.
A very merry Christmas and a happy and prosperous New Year to all readers.

John Arthur—business manager of Burts & Harvey.
People, Places, Products

Continued...

SAI has appointed a new senior rep to spearhead the company's planned growth in the Scottish professional horticultural market. David Morrison, who comes to SAI from a horticultural sales background in Scotland, will be concentrating his efforts on the sports turf and amenity markets. SAI, combined with its parent company ICI, is already a leading force in the Scottish garden products market.

Reconstruction work on the 13th and 14th greens at the Seisdon Park Hotel golf course in Surrey by Chipman is part of a continuing programme of maintenance by the company. Orders have already been placed for the reconstruction of the 10th green and the putting green adjacent to the pro's shop next September.

The programme commenced in 1981 with drainage for the 2nd and 11th greens. The next year saw the reconstruction of the 16th green and drainage of the approach. In 1983, the 18th green was reconstructed and the 16th green drainage completed. Other work has included the stripping of existing turf, removal of thatch, reforming lands, drainage, sand amelioration and re-establishment of putting surfaces.

Enquiries to John Collins, Chipman, Horsham, West Sussex RH12 2NR. 0 0403 60341/5.

Alan Fairhurst, 61, amenity and industrial rep for Synchemicals of south-east London, died recently. Alan was with the company for over 25 years, initially with Thomas Foster & Sons — Synchemicals' spread garden supplies wholesale subsidiary in St Helens. He joined Synchemicals as a retail rep 13 years ago.

For the past 18 months, Alan was in semi-retirement, but worked on amenity and industrial business in the north. With his wide knowledge and experience in horticulture, he soon became a familiar figure on golf courses and sportsgrounds, giving technical advice.


New and current publications from The Sports Turf Research Institute include *Technical Terms in Turf Culture* by Dr Peter Hayes (£2.50), John Shildrick's *Turfgrass Manual* (£2.50), *Turfgrass Seed 1985* (30p) and the latest *Sports Turf Bulletin*, which includes articles on rabbits becoming immune to myxomatosis, winter fairway maintenance and heather on the golf course. 0 0274 565131.

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<tr>
<th>Size</th>
<th>Price</th>
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<tr>
<td>22&quot; WIDE PLASTIC RAKE</td>
<td>£5.25</td>
</tr>
<tr>
<td>19&quot; WIDE ALUMINIUM RAKE</td>
<td>£6.50</td>
</tr>
<tr>
<td>15&quot; WIDE METAL RAKE</td>
<td>£3.30</td>
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22 GREENKEEPER NOVEMBER/DECEMBER 1984
Tritox From Fisons
Takes A Bow...

A new selective turf herbicide from Fisons Horticulture has been formulated from three active ingredients. Tritox is recommended for use on both fine and outfield turf and offers greenkeepers the essential advantages of reliable control of a broad spectrum of weeds at a reasonable price.

Tritox contains MCPA, Mecoprop and Dicamba as sodium and potassium salts, and product manager Jim Watts explained that this particular formulation, which does not include 2,4-D, is a valuable one for the turf and amenity market: "These active ingredients are well-proven in turf use, giving no phytotoxicity problems to grass when used according to the recommendations. The weed spectrum covered by Tritox is wide and the product highly effective—Dicamba, in particular, is a powerful herbicide in this situation.

Tritox has been approved under the Agricultural Chemicals Approval Scheme—a rigorous and independent assessment of product efficiency.”

Tritox is available in five litre and 20 litre polythene containers, each carrying full instructions, firmly attached so they’re easily accessible wherever or whenever the product is used. Tritox is available nationwide, via Fisons’ network of appointed stockists, and the cost is about £15 for a five litre container, £57 per 20 litres.

Further information from Fisons Horticulture Division, Paper Mill Lane, Bramford, Ipswich, Suffolk.

© 0473 830492.

There’ll Always Be Plenty Of Rain While Roberts Reigns!

The Javelin Micro 44 hose-reel offers a low cost, instant form of irrigation.

Working in conjunction with agricultural specialists Javelin Irrigation, Peter Roberts, UK manager of Toro Irrigation, is marketing Javelin’s new Micro 44 hose-reel irrigator in the sports turf markets.

Driven by hydraulically activated, variable speed control bellows, the Micro 44 winds in 120m of 44mm diameter flexible hose, which feeds water to an adjustable, part-circle rain gun, mounted on a two-wheel trolley. The Micro 44 is designed to deliver water from 20 gallons per minute at 60psi up to 50 gallons per minute at 100psi, covering areas up to 55m in diameter. An automatic cut-off device switches the water off when each run is completed.

The Micro 44 is capable of watering an entire soccer pitch, applying approximately 0.5in of ‘rain’ in a day, during which only one move is required to reposition the machine. A selection of four different nozzles is supplied as standard.

Toro Irrigation has appointed three new area distributors. Par 4 Irrigation Systems Service of Ripon has been given the north east and Yorkshire territory, while Greenline Distributors of Banbridge, Co Down is responsible for Northern Ireland. Turf Irrigation Services, a newly formed company headed by Robin Hume which has taken over the sports turf irrigation division of E.A. Yates (Sandbach), is now the distributor for the north west, Midlands and Wales.

---

**Irrigation Services Ltd**

If you are thinking of having an Irrigation System installed, considering updating an old or partial system or simply require spare parts or service Turf Irrigation Services Limited are the company to speak to:

Phone: ROBIN HUME on 04775 255.

Betchton, Sandbach, Cheshire. CW11 OTS.
Telephone: 04775 - 255
Telex: 367257 - TELSER. G. for TIS.
A chain saw is only as safe as its user and the Royal Society for the Prevention of Accidents has devised a series of four training courses at Newbury, Berkshire to aid users. The series starts with a basic course—on December 20 and 21—covering the maintenance and use of chain saws on fallen and felled timber.

The intermediate course on January 8 concentrates on tree felling. An advanced course on January 9 deals with felling hung-up trees and the use of winches. A second advanced course on January 10 covers working at heights.

The emphasis will be on practical tuition, therefore classes are limited to six persons per day. Course fees are £25 per day (plus VAT).

For bookings and further information about other courses in agriculture and amenity horticulture, write to Chris Tomlinson, ROSPA Agricultural Adviser, Cannon House, Priory Queensway, Birmingham B4 6BS. 0 021-233 2461 (ext 267).

Horsegear of Holcot Road, Brixworth, Northampton constructed the IOG’s new show administration pavilion at Windsor. Work began on its designs well over a year ago and plans, drawn up by Brixworth architects Myles & Sims, were displayed at 1983’s show.

The building covers 2,104 sq ft and comprises a large exhibition display and information area, Press office, administrative accommodation, boardroom/restroom, washroom, kitchen and store. Based on the firm’s Blok-Hutten log cabin style, the shell was built from 50mm thick Scandinavian Pine. Mounted on brick piers, the building was erected in six days.

Full details from Horsegear’s managing director Frank Gear at Gable House, Holcot Road, Brixworth, Northampton NN6 9BN.

Telephone: 0604 880640.
Morrison Secures UK Base

It is only 18 months since Chris Smith, as managing director of CNS Mowers, decided to market Morrison Mowers in his native Norfolk. Twelve months later, he was appointed sole UK concessionaire for Morrison Mowers. A subsidiary company was formed and commenced trading on January 1. Stock intake was agreed and sales forecasts set for the remaining 1984 season.

By the middle of January, all stock had been placed or sold. New stocks were ordered and new machines introduced to the range.

Chris went to see Morrison in New Zealand and supervised changes to the UK range and organised the shipment of more new stock and spares. On his return, he reviewed the distribution network and implemented a concentrated advertising campaign directed to the trade. "The interest and sales exceeded my expectations," Chris said. "We have appointed new distributors and increased the number of retail outlets to achieve national distribution."

After the parent company in New Zealand had undergone ownership changes, Chris became general manager of Morrison Mowers (UK)—a company he owned jointly with Morrison Industries. The company, based in Thornham, Norfolk, is the European headquarters for Morrison, handling all affairs in the UK and initially co-ordinating sales in other European countries.

"As well as the Olympic 600, 500, and 400 cylinder mowers, we now have the Triplex III at the top end of the range, which is a 71in cylinder mower with an electric cutter head lift, 11hp Honda engine with variable cuts per yard," Chris said.

"The new robust Rapier 710 11hp 28in cut has been welcomed by local authorities who appreciate its manoeuvrability and work capacity. The new Golfmaster 600 has a full width 24in cutting capacity to reduce time and labour with motorised transport wheels and back lapping facilities. Lower down the range, there is the 371N1 discharge, catcher and mulcher rotary machine."

For further details, contact Chris Smith on 048526 464.

Lots Of Innovation From Lely

Introduced at the IOG show, the new TX 2160 HST tractor offers hydrostatic transmission and has the versatility expected of tractors from Lely.

One pedal operation controls the forward and reverse giving variable speeds from zero to 15kmh. A hand control is fitted as standard to allow full wheel braking facility without loss of power, providing exceptional manoeuvrability at the same time.

A tough, reliable high-torque diesel engine with the 3-cylinder in-line configuration reduces vibration and noise. Fuel consumption is good due to the swivel combustion chamber system. The 2160 is available in either two or four-wheel drive.

Full details from Lely Iseki Tractors, Crosshall Works, Gt North Road, Eaton Ford, Cambridgeshire PE19 1QH. © 0480 76971.

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* Assist deep root development
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* Mix with weedkillers for 'Feed and weed' and
* Will not scorch
* Is safe and non-toxic
* Does not produce a flush of growth (and so cuts mowing costs)
* Is low cost
* As used by many courses including championship
People, Places, Products
Continued...

Golf Landscapes, a specialist contractor in golf courses, playing fields, landscape construction and turfgrass drainage, has appointed Graeme Francis as technical manager. An HND graduate from Writtle College's amenity horticulture programme, he joined the company two years ago as construction supervisor and has worked on contracts throughout the UK, but primarily on intensive environmental refurbishments in London. Based at Golf Landscapes' Brentwood, Essex office, Graeme's new responsibilities will include pricing and estimating and he will have overall control of the contract buying scheme.

The company's irrigation division, an area distributor of TORO, now has Robin Vasey as sales manager. He is an ex Icopal and Wright Rain rep. Robin is responsible for the development of the company's market plan and the design of irrigation schemes using TORO.

This year's international exhibition at Royal Windsor produced stand numbers of over 300, which is a record and makes it the biggest show of its kind in the world. There was also a record attendance of over 31,000, many of whom were overseas visitors, and buyers from Australia, Germany, Belgium, Sweden, Finland, Switzerland, Holland, Portugal, Eire, Japan and the USA.

Johnsons Seeds has recently issued a new brochure covering the standard J range of turfgrass mixtures and master blends for the 1985 season. The catalogue has been designed to simplify mixture selection and uses clear headings to cover recommended purposes, sowing rates, mowing heights, which are complemented by a second table setting out alphabetically a list of 50 different turfgrass areas, from airfields to verges, showing the recommended J mixture or master blend. Mixture formulations are tabulated for easy reference and detail how tolerance to mowing and trampling changes progressively across the range. An innovation is the use of colour-coded histograms which display the percentage by weight of each cultivar used in the mixture. These show the range of species used and relative proportions in each mixture.

The J range is formulated with leading cultivars prominently featured in the merit lists issued by the Sports Turf Research Institute at Bingley—a copy of which can be obtained for 30p, either direct from the STRI or Johnsons.

Write for free copies of the Turfgrass Seeds Brochure to Johnsons Seeds, London Road, Boston, Lincs PE21 8AD, together with literature covering the JR reclamation range of grass seeds and the JF range of wildflower and grass seeds.

The turf and landscape exhibition—Turfworld '85—at the National Exhibition Centre, Birmingham from March 5-7 has been extended to include an outdoor lakeside setting. There is also a revised price scale for exhibition space providing 'dramatic cost reductions.' Turfworld '85 is sponsored by Turf Management, which will hold a turfgrass congress at the same time.

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In The Market—Continued

fairways. Special comb fingers between each blade prevent turf tearing. The transmission by pto shaft means a consistent result from 32 double-ended blades. Likewise, the self-propelled Turf Piercer is an excellent and economical golf green aerator with 72 four-inch tines.

"The Parkover trailer gang mower has also been updated recently after over 20 years in production and has a number of new features. At under £5,000, you have a fairway or parks mower that will last a generation."

In closing, Pattisson may not be among the most fashionable companies, but when you’ve been in existence for almost 100 years, you have seen all the ‘fashions’ come and go. What is the name golfers know? Well, assuming they have holed-out and looked into the cup, Pattisson. On course in more ways than one!"

Secretaries See Off Opposition

The golf club secretaries retained the Kubota Trophy at St Pierre, Chepstow recently. Under the captancy of Gordon Payne, ten greenkeepers, drawn from SIGGA, EIGGA and the BGGA, and a side of golf club stewards failed to match the mighty secretaries (pictured below).

Everything rested on the last contest between the secretaries and greenkeepers and, despite a collapse by their middle order, the secretaries gained the half point needed for victory. Earlier, they had beaten the stewards by 5½ to 4½ who, in turn, had defeated the greenkeepers 6-4.

Only S.Farringdon (Littlestone) and Lindsay Anderson (Powfoot) won both their matches, Lindsay drubbing the secretaries’ secretary John Crowther 6 and 5.

Alternative To Soggy Surfaces

Built on the Hovercraft principle, the Hover-Dry supports itself on a cushion of air—the surface is left untouched except for the removal of water and small debris.

Powered by an 8hp Briggs and Stratton engine, the Hover-Dry’s fan drives the air down to form a cushion of air and disperses it as a fine mist outwards to the four foot diameter skirt. There, the mist is caught in the suction from the fan and forced up to deflectors, which cause the water droplets to fall into a 15 gallon reservoir, while the air continues to circulate through the fan.

The water is either emptied manually through a drain in the base of the skirt or the Hover-Dry may be fitted with a pump and a length of hosepipe, so the water can be emptied off the playing area as drying progresses.

The body of the Hover-Dry is constructed of tough glass fibre, so there is nothing to rust. There are few working parts and the machine is light, easy-to-handle and comes complete with a pneumatic tyred trolley.

Full details from Hover-Dry, Glandford Mill, Glandford, Holt, Norfolk NR25 7JR. 0 Cley 740446.
British Seed Houses has been awarded a FEOGA grant valued at about £61,000 by the EEC Commission. The grant is a contribution towards the company's expenditure in improving its production and distribution facilities at Avonmouth. In addition, British Seed Houses will also receive a grant from the UK government.

New seed-cleaning equipment has been installed and will enable the company to improve productivity and yet maintain the high traditional standards of purity and quality of finished product. Additional land alongside the present premises has been purchased and this will be used to improve loading facilities for seed being collected and distributed from the warehouse.

For the second year running, British Seed Houses was awarded a gold medal at the IOG exhibition, Windsor for stand design and layout.

Great interest was shown in the BSH renovation mixture A8, which contains the proven Loretta and Derby turf type perennial ryegrasses for over-seeding worn areas of outfield turf. Chelsea and Millwall football clubs have overseeded their pitches this season with the A8 mixture.

During the course of the show, BSH also learned that the Sports Turf Research Institute, in its latest Turfgrass Seed Guide, had rated all its main grass cultivars very highly.

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**Salary Scales For Groundsmen**

The 1985 salary scales published by the IOG recommend a flat-rate increase of five per cent to current rates. The new scale, exclusive of London Weighting, is:

<table>
<thead>
<tr>
<th>Position</th>
<th>Salary</th>
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<tbody>
<tr>
<td>Head groundsman</td>
<td>£7,216</td>
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<tr>
<td>Deputy head groundsman</td>
<td>£6,311</td>
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<td>Assistant groundsman</td>
<td>£5,411</td>
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<tr>
<td>Assistant groundsman (unskilled)</td>
<td>£4,505</td>
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<tr>
<td>Junior groundsman (aged 17)</td>
<td>£4,062</td>
</tr>
<tr>
<td>Junior groundsman (aged 16)</td>
<td>£3,606</td>
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</table>

**Additional increments for institute qualifications**

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<th>Qualification</th>
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<tr>
<td>Diploma in Turfculture (NDT)</td>
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<tr>
<td>Intermediate Diploma</td>
<td>£527</td>
</tr>
<tr>
<td>Technical Certificate</td>
<td>£381</td>
</tr>
<tr>
<td>Practical Certificate</td>
<td>£135</td>
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</table>
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