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# NEW PRODUCTS

The latest products from Harrogate Week reviewed

## Brushcutting in the Bushes



Toro showcased a number of new machines including the Workman HD Series of heavy duty utility vehicles and range of Solo brushcutters. Comprising two-wheel and four-wheel drive diesel options, the Workman HDX-D boasts a superb total carrying load together with a towing capacity of up to 1,588kg.

Replacing the Workman 3300 and 4300, key features of the HD Series include the i-beam-shaped DeDion rear axle, an innovative automotive technology that isolates the engine, transmission and main frame from all load forces; a truss-like front space frame, integrated wheel bearings and hydraulic disc brakes on all four wheels for greater stopping power.

The 142 and 154 Series Brushcutters are on show alongside other bestsellers from SOLO. The German manufacturer specialises in producing professional equipment that also includes hand-held and knapsack sprayers, hedge trimmers, blowers, forestry chainsaws and accessories to the highest of standards.

Commenting on this latest launch, Lely's Kim Macfie concludes: "Lely is highly regarded and best-known for bringing Toro mowing and irrigation products to the golfing industry. Now we are able to widen our range of equipment to golf courses by offering the superb SOLO range of complementary premium-quality outdoor equipment to our golf partners."

[www.toro.co.uk](http://www.toro.co.uk)



# No More Oil Leaks

Ransomes Jacobsen, unveiled its latest generation riding greens mower, the Jacobsen Eclipse™ 322. Featuring a unique hybrid drive system, this latest mower is a radical departure from the hydraulically driven machines of the past 40 years and is like nothing else in its class.

Designed to reduce operating costs and increase productivity, the Eclipse 322 provides cutting consistency on all types of greens, irrespective of the operator.

The machine is totally free of hydraulic oil and, because of electronic control, it can be customised to meet the specific requirements of any golf course.

Using electric motor technology totally negates the use of hydraulic oil and that means no leak points, and no hydraulic maintenance costs.

The 'steer by wire' steering system eliminates the need for mechanical links, cables and hydraulic hoses, but still provides dynamic feedback to the operator, which mimics the feel of a hydraulic or cable-operated steering system.

The all-electric joystick-controlled Lift/Lower system allows the reels to be operated independently, with any combination of reels in use. With the centre unit raised it is possible to cut in one direction, return in the other direction and give the striping effect of a walking greens mower. With all three cutting reels in use, a 1.6 metre cutting width is achieved.

 [www.textron.com](http://www.textron.com)



## New from The Grass Group

The Grass Group presented the Trilo.VCU 120 which has a working width of 1.2m – ideal for greens and tees – and weighs in at just 225kg, teaming up ideally with compact tractors. A slightly offset design allows working right up to the edge of the green or tee without risking damage by the tyres.

Spacing for the rugged tungsten tipped blades is 50mm as standard, but can be swapped to 25mm for greater intensity and working depth is to a maximum of 50mm, for effective, clean scarification that will be an asset on any golf course.

 [www.thegrassgroup.com](http://www.thegrassgroup.com)





## John Deere Hybrid Technology on Show

John Deere's hybrid technology was featured on three different machines on the company's stand.

The E-Cut hybrid machines include the new 220e walk-behind greens mower, 2500e triplex greens mower and 8000e three-wheeled, ultra-light fairway mower, all fitted with the Quick Adjust cutting units.

The 220e's design reduces weight on the cutting head and allows it to follow ground

contours even more closely, as only an electric cable is required to transmit power to the cutting head

The 8000e combines low noise and engine emission levels with reduced fuel consumption, and this machine's lower ground pressure and three-wheel configuration leave a minimal 'footprint'.

[www.deere.co.uk](http://www.deere.co.uk)

## New from Syngenta



New Syngenta Turf Nozzles, launched at the Show, have been specifically designed to improve the targeting of spray applications in turf and achieve better results for sprayer operators. Syngenta has initially designed two nozzles – one for foliar applications along with a high impact soil nozzle.

Also, a new Syngenta fungicide with five-way action which targets seven turf diseases in the leaf and protect turf quality is available for treatments starting in the spring. Heritage Maxx features active recycling of its powerful fungicidal properties, providing disease protection that goes on cut after cut.

Heritage Maxx has been developed as a new liquid formulation specifically for turf, utilising the Syngenta Maxx formulation technology. Heritage Maxx particles are typically 10,000x smaller than conventional fungicide formulations, so over 1,000 particles can fit across the width of a single leaf stomata.

The faster uptake means that 30% of the fungicide active gets into the plant leaf within 24 hours after application, compared to 5% with the previous granular Heritage formulation. After 72 hours there is double the amount of active in the leaf. Root uptake is also faster and, overall, trials have shown 100% uptake of active into the leaf.

It has been approved for the broadest spectrum of turf diseases, with seven diseases on the label, including the most prevalent foliar disease, Fusarium Patch, the increasingly difficult to control Anthracnose, Leaf Spots common on winter sports pitches and Rusts that occur in wet warm periods on under fertilised turf. It is also approved for the Take-All Patch and Type 2 Fairy Rings. There is no LERAP restriction, making the product simpler and easier to use.

[www.greencast.co.uk](http://www.greencast.co.uk)

## New Fertilisers from Scotts

Scotts introduced two new fertiliser ranges during Harrogate. The Sportsmaster WSF range will replace the existing Sierrasol products and consists of three premium water soluble fertilisers - High N, High P and High K – which cover all turf feeding requirements and seasons. They contain the TMax additive for enhanced foliar and root nutrient uptake and to give turf consistent colour with no rapid tail-off plus chelated trace elements to boost growing performance.

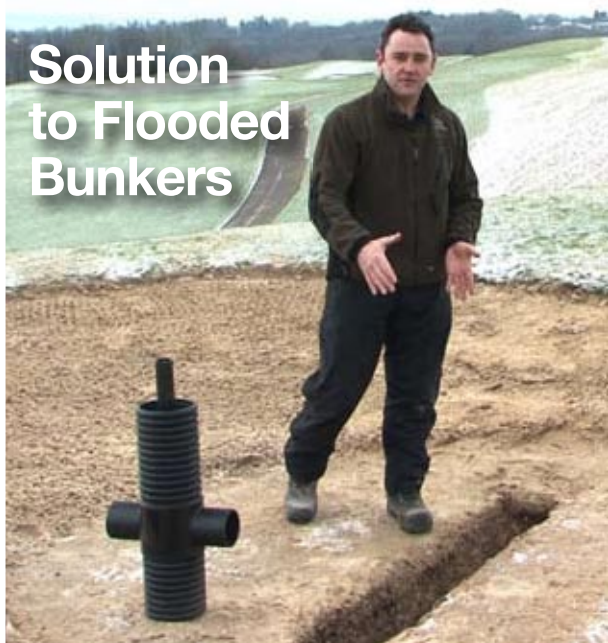
Sportsmaster OrganiCRF is a blend of both organic fertiliser and Scotts' patented Poly-S controlled release fertilisers to ensure more consistent performance versus conventional organic products. Ideal for use during the main growth periods, high nitrogen

levels allow for appropriate top growth and recovery during periods of heavy use. The organic content is manufactured from HACCP-accredited material to ensure it is free from pathogens whilst organic sources of phosphorus and potassium encourage a strong, resilient sward. Sportsmaster OrganiCRF's mini granules disperse easily ensuring even distribution.

Sportsmaster WSF contains TMax nutrient uptake activator to ensure efficient nutrient delivery while using very low rates. Both products will complement each other when used in a programmed approach."

[www.scottspprofessional.co.uk](http://www.scottspprofessional.co.uk)

**More New Products from Harrogate Week Next Month**



## Solution to Flooded Bunkers

When Course Manager, Jeremy Parkman, experienced repeated flooding of the bunkers at Dale Hill Golf Club, he decided to put his 20 years of estate and water management experience to the test in finding a solution.

The first prototype produced was a unit connected to existing drainage runs however the sand soon became contaminated after heavy rainfall and the efficiency of the unit was adversely affected. The 'Eureka' moment came when he decided to extend the unit to the surface of the sand. Jeremy realised this was a radical step, so after initial checks with the R&A, that it conformed to their rules, he pushed forward with the developments.

The amendments to the design also created additional benefits, such as providing a flushing point, reducing sand migration and providing a datum point of sand depth in the bunker.

Jeremy has teamed up with MJ Abbott who will manufacture and market the Bunker Plug.

[www.mjabbott.co.uk](http://www.mjabbott.co.uk) / [www.bunkerplug.com](http://www.bunkerplug.com)

## Vitax OARS Re-launched

Bert Brace, Vice President/Formulator of Aqua-Aid USA was on hand during Harrogate Week to re-launch Vitax OARS Curative and dispel any lingering confusion surrounding the product.

Having established that legal proceedings with former distributors Tower Chemicals have reached an amicable conclusion, that Tower Chemical's 'correct OARS' product was not and never has been manufactured by Aqua Aid, and Vitax are, and always have been sole UK distributors of Aqua-Aid's OARS Curative, he paved the way for Joe Crawley, head of Vitax Amenity to explain what this unique product is, how it works and the benefits it bestows.

According to Joe, Vitax OARS Curative is an Organic Acid Removal System, which when used in a wetting agent programme removes the organic waxy coatings that attach to soil particles and cause water repellency. "The removal of these organic coatings removes the cause of Dry Patch Disease/Localised Dry Patch on golf, bowling greens and other fine turf surfaces," he explains.

[Tel: 01530 510060](tel:01530510060)  
[www.vitax.co.uk](http://www.vitax.co.uk)



## New Alliance

The Redexim Group and Blec (Global) Ltd have entered into an agreement under which the two companies are working together on the design and development of new machines for the Redexim turf maintenance business.

As part of the agreement Redexim have bought the exclusive rights to the Sandmaster machine, the sand injector system, and the Uniseeder from the Blec range that will be manufactured and marketed by Redexim on an

exclusive basis around the world.

The Sandmaster is the only machine of its type that can inject damp materials, into the ground up to 20cm deep,

As a result of this agreement between the Redexim and Blec Charterhouse Turf Machinery will market the Sandmaster range of sports turf renovation machines and Uniseeders in the UK and Ireland.

[www.redexim.com](http://www.redexim.com)



## New Multihog Model

Multihog were first time exhibitors at the show, using the event to launch the latest 4WD 90 Multihog model.

The ability of the Multihog to work on gradients is of particular interest to those needing to cope with steep slopes – its tilting driver station, wide wheel base and low centre of gravity put it in a class of its own for demanding terrain.

"As well as talking to many visitors from not only the UK but also Holland and Germany, we welcomed the opportunity to make contact with representatives from companies interested in becoming dealers for our product," says Director Ruth McAdam. "So all in all we had three very worthwhile days in Harrogate and will be back!"

[www.multihog.com](http://www.multihog.com)