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STRI Research Day



the quality and performance of turf. Bayer, Becker Underwood, Everris (formerly Scotts), R&K Kensett, Ransomes Jacobsen, Sherriff Amenity and Syngenta were the companies supporting and presenting at the event, each of which is having research conducted at Bingley and investing time and resource into the development of new products for the industry with the support of STRI's research team.

Ruth Mann, who manages many research trials for STRI, commented on the day, "What a great day! The weather worked well for us and the new rotation format was very successful, allowing lots of questions and interaction from the delegates. We've had some amazing feedback, with lots of people already asking what we've got planned for next year! We're going to ask the delegates who attended to let us know what worked well on the day to help us plan for next year's event, which we hope will become an annual fixture in the industry's calendar."

Gordon McKillop, STRI CEO said, "The response for STRI Research has been remarkable, we were already oversubscribed for the event within two weeks of the invitations being sent out.

"This shows the desire for knowledge within the industry and we believe that the STRI Research event offers a great platform for turf managers to see, firsthand, the innovations that are being made in sports turf research and management."

More than 100 greenkeepers travelled from across the UK and Ireland, to attend the first STRI Research event at its research facilities in Bingley,

The day was set up in a 'station rotation' format and demonstrated the latest products, machinery and techniques that are being tested and developed for the effective management of sports turf.

The format worked well and looks set

to be followed in future years – with many advance bookings already being taken for 2012 from those who attended. Each year will showcase the latest developments and different focuses for turf management.

This year's event focused on seven separate research aspects and included disease and nutritional management research, demos from the latest machinery and innovative techniques to help improve



EUROPEAN GOLF BODIES TO PROMOTE 'GROW THE GAME OF GOLF' WEBSITE

A group of pan European golf organisations including The European Tour, FEGGA, PGAs of Europe, CMAE, EGCOA, GEO, GCIA and EIGCA, have agreed to expand and promote the *Grow the Game of Golf* website with the aim of encouraging and inspiring golf clubs and other golf organisations to help develop the game, particularly at grass roots level.

The *Grow the Game of Golf* website describes best practices within the industry and aims to provide feedback from the leading experts in golf development.

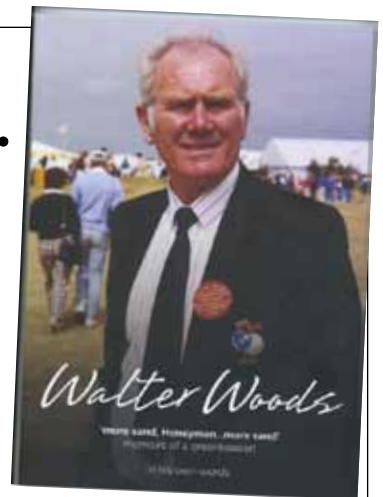
For further info. visit: www.growthegameofgolf.org

"More sand, Honeyman... more sand"

"More sand, Honeyman...more sand" Memoirs of a greenkeeper. Walter Woods' story, in his own words, was launched officially at the Toro Turf Professionals meeting, at Goodwood Hotel and Golf Club, last month.

Walter, who was St Andrews Links Superintendent from 1974 to 1995 and BIGGA's first National Chairman, in 1987, is synonymous with greenkeeping and his stellar career has seen him awarded the BEM, the GCSAA Old Tom Morris Award and BIGGA's Lifetime Achievement Award.

The book, which was published by the Toro Company, takes the reader through every aspect of Walter's life from his birth in 1935 in Tillicoultry, where he also started his greenkeeping life at the age of 22 and where he



is now Club President, through to his fourth and final, Open Championship at St Andrews in 1995.

The book is full of thoughts, reminiscences and an insight into Walter's own greenkeeping philosophy.

BIGGA and Toro are currently working together on a distribution policy for the book and a full review of it will appear in next month's Greenkeeper International.



Chairman's Word

National Chairman, Andrew Mellon, gives his thoughts for the month

Working together for a better future

As you will read in the magazine Matt Perks, First Assistant/Mechanic at Ham Manor Golf Club, in West Sussex, is the 2011 winner of the Toro Student Greenkeeper of the Year.

As previous winners, including Alan Pierce his own Course Manager, will no doubt testify, the effort required to achieve this accolade is more than justified when you see the benefits to be gained both in terms of personal development and more tangibly in the New Year in the form of a six week study course at the University of Massachusetts, a trip to the Golf Industry Show in Las Vegas and visits to Toro's base and many other facilities I'm sure.

The runners up and all the entrants should all be equally proud as they exemplify the passion and dedication that members of our Association apply to their careers, in seeking to fully educate and prepare themselves.

I was extremely fortunate recently to attend the Toro Turf Professionals reunion, in the company of many of our country's finest Greenkeepers, and especially fortunate to travel with Walter Woods, BEM, formally Links Superintendent of St Andrews Links.

I've known Walter for a few years now and have been fortunate enough to listen often as he shared his experiences with myself and many others at local Section events or at BTME.

Toro have published his book, "Walter Woods, Memoirs of a Greenkeeper", and it is great to see those experiences permanently recorded to share with others.

Many of Walter's peers were also present at the reunion; Jack McMillan, George Brown, Chris Kennedy, and many top managers from the next generation also.

The collective experience of the group was very inspiring. These gentlemen, and many others, were the pioneers, whose efforts and collaboration were the foundations of the BIGGA we know today.

Their effort and their recognition of how important education and sharing of good practice would be in the development of greenkeeping standards, has led to such an improvement in golf course conditions that many young Greenkeepers today are expected to, and are capable of producing consistently high course standards which

would once have been the preserve of only the top professional tournaments.

We must not be complacent and allow the legacy they have created to be diminished. The importance of your Association cannot be underestimated. Times are tough, but they have been tough before, and these gentlemen would tell you that it was through associating with and supporting each other, through hard work and dedication that they persevered and were better for it.

The resources available to you now through BIGGA are constantly improving and developing and are far more extensive than then but you must play your part. It is collectively that we are strong, united in supporting one another as we face challenges we have not experienced before.

The forum on our website is a modern and excellent way of communicating with hundreds, if not thousands of your peers. You only have to look at that to see how much Greenkeepers are prepared to help and support one another. The education



All the Toro Student of the Year entrants should all be equally proud as they exemplify the passion and dedication that members of our Association apply to their careers, in seeking to fully educate and prepare themselves

available, locally at Section events, regionally at their conferences, and nationally at BTME in Harrogate each year, provide you with great opportunities to learn from Industry experts, and share experiences with your colleagues.

I started my greenkeeping career a relatively short time ago in 1997, at the remote Stornoway Golf Club, on the Isle of Lewis in the Western Isles of Scotland, where I learnt a great deal from working in a small close knit dedicated team.

But it was through taking advantage of the BIGGA network, that I was able to explore further horizons, make useful contacts and take advantage of the abundance of learning opportunities available, at BIGGA, at College and from fellow Greenkeepers, who were always willing to help.

I'm a great believer that you get out of something what you put into it. I would

encourage any Greenkeeper who is serious about their career to take that step and start participating in BIGGA, through the forums, local Sections, and our annual gathering in Harrogate in January.

Put yourself out a bit, demonstrate your professional ethics and standards and soon

you will reap the benefits to you. In turn your employers will see the improvement in you as a committed valued member of their team. That can only be of benefit to you and our profession as a whole.

The Golf Industry Trade companies, the R&A, the Golf Unions, the PGA, the Club Managers Associations, and many more have all seen the benefit and improvements in golf brought about through better greenkeeping hence their willingness to support and work together with us in our efforts.

Let's continue to work together and ensure that the legacy created by the founders of BIGGA and its predecessors, continues and strengthens, for our benefit and for the game of Golf.

Andrew Mellon
07780 995602
amellon@elmwood.ac.uk



Greenkeepers Training Committee

Donald Steel, GTC Chairman, looks at improving communication within the golf club



One point emerged emphatically from a series of recent GTC workshops conducted very ably at Temple and Gatton Manor by Laurence Pithie MG, the message being that the principles of greenkeeping haven't changed - simply the way in which they are applied and implemented.

Put another way, whole scale mechanisation has widened the scope of what is possible when it comes to course condition and presentation although machinery is expensive and every machine needs at least one person to operate it. It actually makes you realise that, with an average crew of only five or six, it is something of a miracle that our greenkeepers manage to do what they do. Certainly, other countries are open-mouthed in wonder.

I have always maintained the major problem with being a Course Manager or Head Greenkeeper is in dealing with the hundreds knocking your door with something to sell. That undoubtedly gave rise to a regrettable period 30 odd years ago when courses were subjected to overuse of water and fertiliser. It led to bad habits spawned from the belief that American-style courses, green wall-to-wall, were superior to our own. What made it even more reprehensible was the desertion of a traditional formula that was known to work.

The formation of the GTC was one of the influences that brought about a much needed change of heart but it had to be proved to a fresh audience and Laurence's presentations provided enough evidence to show that greenkeeping has mended its ways. Nevertheless, periodic reminders are always wise which is why good communications are so important.

September's workshops to which I referred brought together Greenkeepers, Green Committee Chairmen and Club Secretaries, engaging in an enjoyable open forum with Laurence who kept everyone interested for four or five hours which is no easy task. By engaging



in a comprehensive review of the fundamentals, the recurring theme was that greenkeeping is more common sense than mystic art.

Nobody can question that aeration, scarification, top dressing, over-seeding and sensible cutting heights are the common bonds of course managers everywhere. The skill lies in making on the spot, day to day judgements in adjusting to weather conditions. Details can vary even if principles are constant.

Resources differ from Club to Club and so do budgets which, in turn, can dictate methods. Practically the only advantage of growing old is you can make comparisons and, seeing the list of modern aeration techniques, brought to mind the days when, as a junior member of Denham in the 1950s, we earned welcome pocket money by lending a hand with the annual ritual of treating the greens.

It consisted of scarifying by hand with a springbok rake, cutting the shoots by hand that were raised, hand hollow-tining to a depth of no more than 2-3 inches, applying a dressing of soot and later rounding off with an application of dried blood, hoof and horn meal.

It was a laborious and dirty process involving working on perhaps two or three greens a day whereas, nowadays, the entire operation

can be completed in two days and the greens back near their best in little more than a week. In today's context, it is merely part of an industry's proud heritage in the same way as hickory shafts and gutta-percha balls but, while the only shot over which a player has influence is the next one, greenkeeping can only look ahead. Here the future couldn't be brighter.

BIGGA and the GTC have joint interests and responsibilities in raising standards and performance. The Home Unions lend practical and financial support, leaving golfers to understand that it is all being done for their benefit. Whether they do or not depends, as I have stressed, on the vital role of communication.

Owing to the demand for Chairman of Green – Secretary Manager – Course Manager workshops, more are being planned. Dates and venues will be available from the GTC and on the website.

Delegate feedback has also encouraged the GTC to organise more workshops covering such subjects as Health & Safety including EMPLOYER responsibilities and how to improve communications within the golf club.

All workshops will be conducted by GTC Quality Assured Training Providers.



The GTC is funded by:



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Learning & Development

Sami Collins, Head of Learning & Development,
with an update on education issues

October heralds the launch of the Continue to Learn Education Programme at Harrogate Week and the decent into complete mayhem in the Learning and Development Department. Rachael and I are bracing ourselves for a very busy period ahead!

Continue to Learn at Harrogate Week 2012

You should have received your copy of the Continue to Learn at Harrogate Week 2012 with this issue of the Greenkeeper International. For those of you who have already perused it, prior to reading this, you'll see that we have a number of workshops that are new to the 2012 programme. These include:

One-day Workshops

- Progressive Cultural Management – Frank Rossi Ph.D
- How to be an Outstanding Manager, Part Three – Shona Garner
- Essential IT Business Administration for Greenkeepers – Jacky Lowe
- Successful Project Management – Bruce Williams CGCS

Half-day Workshops

- A Practical Guide to Setting Up a Social Media Presence – Lesley Wood
- Renovating Your Course – Parts 1 and 2 – Howard Swan
- Managing Parkland, Heathland and Links Golf Courses – an Ecological Perspective – Bob Taylor
- Compost Teas – Provide Health Rootzones for Healthy Grass – Martin Ward
- Writing an Environmental Policy Document – Richard Stuttard
- The Turf Managers' Conference will make its return to the programme on Monday 23 January featuring presentations on:
 - Identifying and Managing Plant Parasitic Nematode Problems in



Turfgrass – Dr Colin Fleming
 Golf Course Photography – The Job, Purpose and Challenges – Iain Lowe
 The Effects of Climate Change and Climate Phenomenon on Greenkeeping Practices – Mark Hunt
 Employee Engagement – Helen Bennett
 The Power of Social Media for Your Golf Club – Lesley Wood
 Practically Sustainable Golf Turf Management - Frank Rossi Ph.D

Book now to secure your place by completing the booking form or by contacting the L&D Department on 01347 833800 option 3.



Toro Student Greenkeeper of the Year

The calibre of candidates, who attended the Toro Student Greenkeeper of the Year 2011 finals at BIGGA HOUSE, was outstanding. Any one of the eight finalists could have won the Award making the selection process for the judges a bit of a nightmare! Finally, though, the decision was made and the winner of the 2011 award was Matthew Perks, from Ham Manor Golf Club, representing Plumpton College. Matt will be winging his way to the University of Massachusetts in early January. The two runners-

up, who both win a trip to Continue to Learn at Harrogate Week, were Rob Mills, from Sunningdale Golf Club, representing Merrist Wood College and Miles Todd, from Rhuddlan Golf Club, representing Deeside College. Congratulations go to all of the Finalists, they represented their clubs and colleges admirably.

BIGGA Seminars at SALTEX

For the first time, BIGGA presented a series of educational seminars as part of the SALTEX education programme. Presentations were made by Cale Bigelow from Purdue University, USA; Les Howkins MG, from The Richmond Golf Club, and Jim McKenzie MBE, from Celtic Manor Resort.

I am delighted to report that attendance figures were better than hoped and that the feedback from the attendees and the organisers was great! We have now been asked to put together some seminars to take place at Scotsturf in November – details to follow.

Higher Education Scholarships

Supported by Ransomes Jacobsen
 The most recent scholarship has been awarded to:
 Ash Smith - On Line Foundation Degree - Sports Turf



Gold Key Individual Members:
Steven Tierney; WJ Rogers; Andy Campbell MG, CGCS; Iain A Macleod; Frank Newberry; Andrew Turnbull; Ian MacMillan MG; Ian Morrison; Antony Calvert
Silver Key Individual Members:
Ade Archer; Steve Dixon; Paul Jenkins; Richard McGlynn; Sam Langrick; Neil Whitaker; Graham Wylie, Michael Beaton, Douglas Duguid, Derek Grendowicz, Jaey Goodchild

The funding provided by Gold and Silver Key Sponsors is used to produce training and career aids, DVDs, CD Roms, field guides and provide refunds for training fees and subsidised learning and development courses. The funding also helps support seminars, workshops, courses, the lending library, careers advice, posters and manuals.



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New Groundcare Dealership

New Holland has strengthened its UK dealer network with the launch of a new Groundcare dealership in Warwickshire - The Compact Tractor Centre.

The new dealership will supply a full range of Groundcare products including the latest New Holland Utility Vehicle - the Rustler.

Dealer Principal, Nathan Walker, says The Compact

Tractor Centre, based in Bidford-on-Avon, will stock a full range of New Holland groundcare products.

"Although we are a new company, our staff are no strangers to the Groundcare business.

"They already have a wealth of experience with the products and equipment on offer. We want to provide the local

community with easy access to New Holland Groundcare products and are looking forward to demonstrating what the equipment is capable of," said Nathan.

The Compact Tractor Centre will service a large geographic area, incorporating areas such as Dudley, Coventry, Birmingham, Warwick and Stratford.

New Partnership Category For Architects' Institute

The European Institute of Golf Course Architects has announced a new partnership category for golf course consultants with the aim of increasing interaction between the EIGCA and other professions in the golf industry. The scheme will be open to all consultants who are working in a solely fee based, professional practice, associated with the golf course design business.

It is hoped that this new partnership category will appeal to consultants involved in associated businesses such as agronomy, irrigation, drainage, planning, landscape and even photography and architecture.

Announcing the new scheme Julia Green, EIGCA Executive Officer, commented:

"The EIGCA is always looking at ways we can do more for both our membership and the industry in general. We felt that the new Consultant Partnership programme would help to expand possibilities for meaningful professional development within the EIGCA and its partners.

"Over the years we have strived hard to develop the profession and to promote European expertise in golf course architecture and construction.

"We have developed very good relationships with our Patrons and Industry Partners to help us in this aim and we hope to develop similar close relationships with our new Consultant Partners."



Weather Check

Headland Amenity has launched Weather Check, a personalised weather forecasting service allowing turf managers to access information on temperature, wind speed and direction as well as rainfall, with the choice of a general seven day forecast or a more detailed projection, which breaks down into three hour segments, providing an extremely accurate overview of conditions.

The 'RainNow' option produces a 25km 'rain radar map' with their sports facility at the centre, and by using the Agronomic module, which combines anticipated rainfall, wind strength, precipitation, air temperature and evapotranspiration, they are able to accurately judge spraying conditions over the coming week.

Glenn Kirby, Assistant Course Manager at the London Golf Club, says that Headland Weathercheck has improved the planning of daily work.

"It gives me valuable information that helps me to fit work such as fertilising, spraying and hand watering into the best weather window. When deciding on irrigation applications it provides me with another information source alongside my soil probe, and onsite ET readings. I no longer need to trawl the internet looking at different websites and choosing the most likely outcome as Weather Check has proved to be a consistently reliable source.

Barenbrug Roadshow



Barenbrug has rounded off its 12-month seminar tour of the UK by making St Andrews Links Castle Course the final pit-stop in its roadshow.

A year ago, Barenbrug took to the road to bring its expertise direct to turf professionals in a series of events held at key trial and customer venues.

The first pit-stop in the company's year-long seminar programme was Druids Glen Golf Resort in County Wicklow, where the preliminary results of its Irish golf greens trial were revealed.

Since then over 250 turf professionals have attended events

at the likes of Manchester City Football Club, Carnoustie Golf Links, in Angus, Scotland, and the London Golf Club, in Kent.

Along the way, Barenbrug revealed its latest trial results and practical findings, while also giving delegates the chance to gain firsthand insights from the host venue's course and grounds managers, and benefit from the contributions of top guest speakers.

After stopping off for the penultimate seminar at Furness Golf Club in Cumbria, Barenbrug bowed out at St Andrews Links.

WIEDENMANN DONATES £20K



To mark two decades in the turf care sector, Wiedenmann UK is donating all proceeds from the sale of a platinum-painted Terra Spike GXi8 HD to charity. Already several bids in excess of £20k have been received, guaranteeing a minimum of £10,000 each for Cancer Research and The MS Society, the causes sharing the receipts.

The company also unveiled a new addition to the artificial turf maintenance fleet, at Saltex, the Terra Groom, a lightweight brush which can also be used on natural surfaces. Wiedenmann also won two Awards for its stand at Saltex.

Managing Director, David Rae, who founded Wiedenmann UK at just 24, welcomed the news of the first bids. Bids close on October 28.

What's your number?

Our regular and random profile of an industry figure continues with this month's lucky number...

Name: Andy Russell

Company: Headland Amenity Ltd

Position: Sales & Marketing Director.

How long have you been in the industry?

21 Years

How did you get into it?

After studying Applied Biology, I entered the sales world with a Builders' Merchant at the age of 21 as I was getting married and needed a job! My keen interest in sport then lead me to a sales position with a sports equipment manufacturer. Luckily in 1990 I was able to combine both interests when I joined Fisons and became involved in amenity sportsturf.

What other jobs have you done?

I have worked as assistant greenkeeper and groundsman, as well as two fun summers as a deckchair attendant on Eastbourne seafront.

What do you like about your current job?

The two best things are the huge variety of tasks I get involved with and secondly the people that I meet.

What changes have you seen during your time in the industry?

For me it has been in the professionalism of greenkeepers and groundsman that has led to higher quality turf surfaces.

What do you like to do in your spare time?

Most of my time is taken up as family taxi driver! My son is into athletics (1500/5000 m) and both my daughters dance. I enjoy playing cricket, as well as table tennis and golf (Badly).

Where do you see yourself in 10 years time?

On a plane across the Atlantic going to support Headlands growing business in the US!

Who do you consider to be your best friends in the industry?

Probably all my colleagues at Headland – a fantastic mix of people with many different attributes, all pulling together to succeed.

What do you consider to be your lucky number?

10

Pick a number 17



Andy has selected Gary Mumby, of BLEC

GI

NEW PRODUCTS

The latest products from Saltex 2011 reviewed...

New at
Saltex
2011



DJ Turfcare Plugging New Aerator

DJ Turfcare unveiled the Plugger PL855 Pro HD, which has an optional stand-on, ride-behind platform called the Step Saver.

The tough aeration machine features hydrostatic-drive and uses both solid and hollow tines.

It is highly manoeuvrable and is ideal for grass maintenance in more difficult areas, and is easy to transport and handle.

With a crank-powered design the Plugger PL855 punches clean, deep holes in tough soil conditions and is easy to maintain. This aerator performs on slopes, plug depth is maintained on both sides of the machine. Grades up to 20 degrees or more can be traversed safely either up or down without major impact on plug depth.

It is supplied with 5/8" diameter tubular tines while other tines available are 3/8" solid, 7/8" solid, 3/8" hollow, 5/8" solid.

www.djturfcare.co.uk



New Campey Launches

Campey Turf Care Systems has launched two new models of the Field TopMaker from Koro by Imants. The 1200 and 1500 Field TopMaker are heavy duty fraise mowers ideal for removing unwanted surface matter such as poa-annua, thatch, weeds or the entire surface to a depth of 50mm.

The Koro by Imants Field TopMaker 1500 is designed for mid-range tractors from 50 - 65hp and is aimed at sports pitches and golf fairways, while the 1200 version is suitable for compact tractors of 35 -50 hp and works well on both fine turf golf greens and tees, tennis courts and outfield turf on sports fields and golf course fairways.

Campey also launched the Imants GreenWave which takes the 'Shockwave' principal and applies it in a moderated form to fine-turf playing surfaces such as greens, tees and bowling greens.

A small, lightweight, tractor-mounted linear decompactor, the Imants GreenWave is ideal for compact tractors from 24-30hp to relieve compaction to a depth of 150mm, using 8mm thick, forged steel blades

It operates a working width of 120cm at a depth of 150mm and weighs no more than 395kg.

www.campeyturfcare.com



GI NEW PRODUCTS

More New Products from
Saltex 2011 next month



New from BLEC

Aimed at contractors, local authorities and sportsturf managers, the Shakervator has been developed by Managing Director, Gary Mumby, to cope with hard ground conditions which have been particularly prevalent this year. Designed for use with 50-100hp tractors, the Shakervator has hardened steel blades which penetrate the ground up to 300mm and use a vibrating motion to shatter the ground and create fissures.

Blades can be spaced with nine at 20cm spaces or five at 40cm spaces on a machine which is two metres in width. The gearbox design creates the vibration with a forward and reverse capability.

Special features of the Shakervator are the discs in front of the blades which create slits before the vibrating blades enter the ground - and the depth control roller which follows the blades and can be weight-adjusted with ballast.

www.blec.co.uk



AMENITY SPRAYER RANGE FROM KUHN

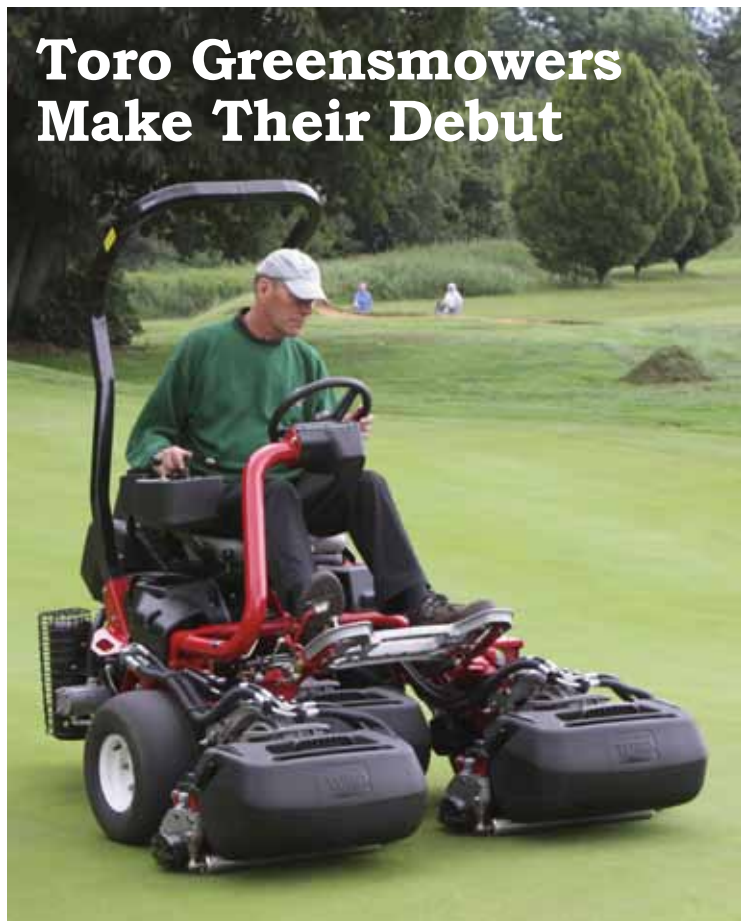
Kuhn's amenity sprayer range covers hand-held through to tractor-mounted models, with features such as controlled dosing being a good illustration of the company's commitment to technological advancement.

Kuhn's ControlSpot and ControlMix dosage systems treat clean water with either plant protection product or fertilisers immediately prior to the boom or lance, thereby improving the accuracy of application rates and avoiding wastage resulting from unused tank residues.

Dosage systems include an homogeniser bowl and are available for single product or dual product application, and at dosage rates from 0.15% up to 5.5%. This technology is available on Polypul wheelbarrow sprayers, Actis and Omnis tractor mounted sprayers, and on some other models.

www.kuhn.co.uk

Toro Greensmowers Make Their Debut



Built from the ground up to provide the precision cut of a pedestrian mower and packed with revolutionary features, these riding golf greensmowers are causing quite a stir in the UK greenkeeping sector. The arrival of the hybrid – the first Toro mower to feature an all-electric cylinder drive system.

From tool-free, quick-change cutting units and a unique Flex double A-arm suspension system, to superb operator comfort and a hybrid option that virtually eliminates hydraulic leaks, Toro is confident its latest launch will live up to the hype! The hybrid model is also the first Toro machine to

earn its new 'EnergySmart' seal of approval, thanks to its greener features.

Saltex also saw the launch of the Workman MD range of mid-duty utility vehicles completed with the introduction of the eagerly-awaited MDX-D diesel version. With the MD Series renowned for its ride comfort, improved performance and the highest total payload capacity in its class, the MDX-D is sure to be a hit with turf professionals seeking a diesel alternative to an already proven and popular petrol machine.

www.toro.com/www.lely.com





Solar Power

Pellenc has produced a new solar charging station – the Solorion for use with all of the tools and a new highly powerful multi-function battery – The ULB1100, the next generation battery.

Once the Solorion panels are installed, they use an MPPT load regulator. The MPPT function stands for Maximum Power Point Tracking. This function basically scans the photo panel cells and monitors the power drawn from them, and then optimises it with the battery connected. This detection is all done automatically. A maximum of three batteries can be charged at one time, by using three separate converters.

A Poly5 battery can be recharged in normal sunlight levels in under just three hours as opposed to five hours on a standard 2.2a mains charger.

01295 680120
www.etesia.com/uk



Etesia Bahia

Etesia launched an array of new products at Saltex with a heavy emphasis on Bio-friendly and four wheel drive products.

The new electric Bahia, which will be in full production later this year. The Bahia M2E is billed as the world's first fully electric ride-on cut and collect mower.

Featuring all of the benefits of its petrol 'brother' with the added advantages of no odour, zero emissions, low noise, low vibrations, reduced maintenance costs and reduced health and safety issues for operators. The new model has been developed around the chassis of the petrol-powered models and effectively has the same compact look with a cutting width of 80cm and grass box capacity of 240 litres.

Power comes from four acid/lead batteries located under the operator's seat which can be re-charged within six hours.

Cutting and collecting is directly comparable to the petrol version with a guaranteed mowing time of 2 hours or 2500m². Both the drive and cutting transmissions are 100% electric.

An optional solar panel for re-charging is also available further enhancing the green credentials of this new machine.

Two new ride-on mowers are 4 Wheel Drive, with one being a dedicated mulcher with a 144cm cutting width – the H144MX and the other being the HVHPX - an LPG powered 4 wheel drive version of the 124P.

THE BEST OF BOTH WORLDS

DLF Trifolium, has launched a new formulations of iSeed, which was launched at the beginning of last year.

The new formulation follows research into how to further improve the flow of iSeed through seed drills, after feedback from users identified application difficulties with some types of equipment.

iSeed delivers high quality seed and focused fertilisation to improve the emergence and establishment of the grass sward following germination.

Certain characteristics of iSeed sometimes hindered flow through applicators, creating an uneven spread. The fertiliser in the coating made the product less smooth and stiffer

compared to bare seed.

After testing what factors of seed drills might cause the occasional 'stickiness' that some contractors and customers had reported, DLF developed an improved coating formulation, which, when trialed in the field by end users and machine manufacturers, have been shown to produce flow characteristics they say virtually match those of bare seed.

DLF's test programme has resulted in a smoother less dusty product that still contains 20% nitrogen and 4% phosphorus on a bare seed basis.

www.dlf.co.uk