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**HorticultureWeek**

# Emergency Chafer & Leatherjackets Summit

**Conference & Exhibition**

**Thursday 9<sup>th</sup> May 2019**

**BURTON ALBION FOOTBALL CLUB**

Pirelli Stadium, Princess Way

Burton on Trent

Staffordshire, DE13 0AR

<b>MORNING PROGRAMME</b>	
0830	Door Opens
0900	Registration and Coffee/Tea
0930	Exhibition Opens
0945	<b>Welcome by</b> Dr Minshad Ansari, CEO Bionema
0955	<b>Industry prospective</b> <b>Jim Croxton</b> , CEO BIGGA <b>Karen Maxwell</b> , Head of Member Services – Communications & Events, IOG <b>Sally Drury</b> , Technical editor/Product news, Horticulture Week

<b>PEST &amp; DISEASE PROBLEM</b>	
1010	<b>Where we are in the UK in disease and pest management: The push towards integrated approaches</b> Professor John Moverley, Chairman, Amenity Forum, UK
	<b>Major turf pests and diseases</b> Dr Kate Entwistle, Independent Consultant, The Turf Disease Centre, UK
	<b>Recent outbreak of Chafer Grubs in the UK</b> Speaker TBC
	<b>Loss of certain active ingredients and some of the misconceptions</b> Dr Colin Mumford, Technical Support Manager, Bayer Crop Science, TBC
	<b>Biology of Chafers and Leatherjackets</b> Dr Minshad Ansari, CEO, Bionema, UK

<b>1230 Lunch, Exhibition &amp; Networking</b>	
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<b>THE SOLUTION – INTEGRATED PEST &amp; DISEASE MANAGEMENT</b>	
1330	<b>The role of Biostimulants in turf management and root development</b> Richard Salvage, MD, Maxstim
	<b>The natural solution for pest and disease control</b> Stephen Silvester, Director Commercial Development, EcoSpray
	<b>Current products and their application: Do they interfere?</b> Peter Corbett, Rigby Taylor
	<b>Natural solutions to control Chafers and Leatherjackets: How do they work?</b> Dr Minshad Ansari, CEO, Bionema
	<b>Chafer Traps: A natural device to monitor Chafer Beetle populations</b> Peter Corbett, Rigby Taylor
	<b>Synergy between Chemistry and Biology</b> Carsten Marker, E. Marker, Denmark

<b>CASE STUDIES</b>	
1500	<b>Case study 1: Chafer grub control at the Grove</b> Phillip Chiverton, Golf Course & Estate Manager at the Grove, UK
	<b>Case study 2: Leatherjacket control at Neath golf club</b> Mark Tucker, Head Greenkeeper, Neath Golf Club, UK

<b>1530 Q&amp;A PANEL DISCUSSION WITH THE SPEAKERS</b>	
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1600	<b>Concluding remarks: How should the sector respond to the change and challenge ahead</b> TBC
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**Thank you for taking part**

## SPONSORS AND SUPPORTERS

	<p><b>BIONEMA</b> is a leading biopesticide product testing and technology development company, specialising in chemical-free, organic crop protection. Research is focused on the development of natural products to protect crops from insect damage, reducing the use of synthetic pesticides, enhancing food security and increasing crop yields. Bionema supplies specialist bio-control products to the horticulture, turf and amenity and forestry sectors, providing training aimed at increasing the product efficacy.</p>
	<p><b>RIGBY TAYLOR</b> is the UK's leading supplier of products for the improvement, maintenance and construction of sports, amenity and landscape areas, including grass seed, fertilizers, herbicides, fungicides, top dressings, soil and turf improvers. Product development is at the forefront of the Company's philosophy. Working with a number of key research-based specialist suppliers and dedicated to a policy of Continuous Improvement in all its activities.</p>
	<p><b>MAXSTIM</b> products use natural ingredients that maximise a plants ability to survive and thrive. We specialise in developing plant biostimulants, bioactives and complex treatments that work to support the plant's natural processes. Maxstim products are used in the sports amenity, commercial agriculture and horticulture sectors across the globe. Containing only naturally occurring ingredients, Maxstim products enhance crops and turf health and leave no residual build up in the soil or plant.</p>
	<p><b>ECOSPRAY</b> is the pioneer of internationally approved and patented crop protection products formulated using a 100% safe, natural and sustainable technology derived from garlic.</p>
	<p>Integrated biology is the well-established approach of TourTurf products from E. Marker A/S. Based around the high soil and water quality expectations of our main markets in Scandinavia, we have developed a range of biologically active products that both builds and nurtures healthy plants, whilst also steadily decreasing the need for artificially derived chemicals in the turf and amenity environments. Over two decades we have truly gained experience of how to prevent problems, rather than turf and amenity managers having to cure them.</p>
	<p>In January 1987 the British and International Golf Greenkeepers Association (BIGGA) was created due to an amalgamation of the British Golf Greenkeepers Association, The English and International Golf Greenkeepers Association and The Scottish and International Golf Greenkeepers Association. Since then, we've shone a light for the nation's greenkeepers, and 6,000 turf professionals from the United Kingdom and further afield are proud to call themselves BIGGA members. Without greenkeepers, there would be no golf. From the pioneering 'Keepers of the Green' that tended the historic links at St Andrews, Prestwick and Musselburgh to today's highly-skilled and dynamic course managers at the UK's top golfing venues, greenkeepers have shaped and defined this wonderful sport. Every step of the way, there has been an association providing them with support, education and advice.</p>
	<p>The Institute of Groundsmanship (IOG) was founded in 1934 by W H Bowles BEM, head groundsman at Eton College. The first 11 founder members formed the National Association of Groundsmen which became the Institute of Groundsmanship in 1969.</p>

## SPEAKERS



**JOHN MOVERLEY** has worked in the private, public and charitable sectors including some 20 years at CEO level. He has substantial experience of serving in board roles and as a chairman. Aside from the important role as Chairman of the Amenity Forum, he is Chairman of the West Midlands Forestry & Woodlands Advisory Committee, a member of the Severn & Wye Flood and Coastal Committee, chairman of the Advisory Group for Mercia Community Forest and is on the board of the Community Forest Trust. He is also a regular contributor to the Property Chronicle.



**MINSHAD A ANSARI** is Founder and CEO of Bionema, a biopesticide technology developing company based in Swansea University, UK. After 15 years in academic carrier, Minshad started Bionema in 2012 for the development of chemical free pest and diseases solution, using microorganisms (fungi, bacteria and nematodes) to protect crops from pest and disease. Through working in different projects and interaction with end-users in agriculture, horticulture, forestry and turf and amenity sectors, Minshad has identified need for developing biocontrol solution which can “fill the gap” in the market either created by removal of harmful chemical pesticides or insect are developing resistance to pesticides. Minshad has strong entrepreneurship professional, extensive experience in R&D, strategic planning, operational management, business engagement, technology development and regulatory affairs. In 2017, Minshad was involved in the development of Met52<sup>®</sup> bioinsecticide and launched a unique Tri-Component System NemaTrident<sup>®</sup> nematode based bioinsecticide for insect pest control in horticultural, turf amenity and forestry sectors. Minshad is a qualified BASIS advisor in Crop Protection (Commercial Horticulture) and passionate about biocontrol technology.



**RICHARD SALVAGE** is Chairman and Managing Director of a number of innovative and successful companies, including Maxstim Ltd, DTR Medical, Greased Lightning and the Medsa Group. Building innovative and customer centric businesses have led to great success in different markets from healthcare to FMCG and the environment. His business success brought him the award of Entrepreneur of the year by Cranfield University School of Management in 2012. Richard’s passion for science and innovation started while studying Biomedical Engineering at Salford and King’s College Hospital. He is a regular lecturer at Cranfield and Trinity College Dublin.



**PETER CORBETT** has spent many years in the crop protection sector both with international companies and distributors. For the past 5 years Peter has specialised in the Amenity sector with Rigby Taylor as Business Development Manager putting together IPM programmes for fine turf. He is passionate that end users require complete solutions to problems and that the days of “magic in a bottle” have long gone, the trade needs to work together to use all tools available to help manage areas for the purpose intended. The Industry must support their claims with real science and also take time to train the end users on how to get the best from the solutions being provided.



**KATE ENTWISTLE** is an independent consultant at The Turf Disease Centre, UK. Kate set up The Turf Disease Centre (Hampshire, UK) in 2000 to provide an independent turf disease analysis service for turf managers and consultants, worldwide. She has an academic background in Plant Pathology, Plant Physiology & Microbiology and has worked exclusively with turfgrass diseases for the past 29 years (her first 10 years were spent at the STRI, Bingley, UK). Through strong collaboration with academic and research workers, Kate has identified new disease problems across Europe, can assess for turf parasitic nematodes and is working to understand the interaction between different parasites in the expression of turf disease. With an increasing occurrence of disease problems and the loss of many effective pesticides, accurate identification of any turf problem is now more important than ever if effective management options are to be implemented.



**COLIN FLEMING** is a Research Scientist, Agri-Food and Biosciences Institute, Belfast, Ireland. Colin is a researcher and teacher from the Queens University of Belfast in Northern Ireland. He is a specialist in plant diseases, plant parasitic nematodes and other pests and is working with a research team to find alternatives to the classic pesticides as well as researching into the use of biostimulants to prevent stress and disease in plants.

**Stephen Silvester**



**CARSTEN MARKER** is experienced Owner with a demonstrated history of working in the consumer goods industry. Skilled in Negotiation, Customer Service, Sales, Strategic Planning, and Sales Management. Product development and research. Strong entrepreneurship professional with a Master of Arts (M.A.) focused in Marketing/Marketing Management, General from Syddansk Universitet/ University of Southern Denmark.



**PHILLIP CHIVERTON** is a Golf Course and Estate Manager, The Grove, Watford, England. Philip has 35 years' experience in this sector. Philip started working when he was 16 years at Bridport and west Dorset golf club for 4 years as apprenticeship then Philip moved to Wentworth and worked on the West Course for two years and was involved in working on the Edinburgh course during construction and opening. Philip join Buckinghamshire golf club in 1991 during construction and grow in and was promoted to Golf Course Manager 1993, managed 6 European Tournaments at the club including the Andersen consulting World championships. In 2001, Phil joined the Grove as Golf Course manager being fully responsible for the construction and grow in of the golf course which opened in 2003. Tiger Woods entertained us all in 2006 wining the WGC World Golf Championship at The Grove and held the British Masters in 2016 ten years later. Phillip was awarded Superintendent of the year with Troon Golf in 2007 the first overseas winner and the Course was awarded Excellence for Troon in 2006 for the WGC, Philip is responsible for the Golf Course and Estate at the Grove and holds a BASIS qualification.



**MARK TUCKER** is an experience greenkeeper and has 24 years' experience in this sector. Mark started his career in 1995 at a Willingcott Valley GC as a trainee Greenkeeper. Once qualified moved to Saunton GC in 1997 as an assistant Greenkeeper, working up to deputy Course Manager on the East Course. Saunton GC is a 36-hole championship links course, which regularly feature in the GB&I top 100 courses with the East amongst the world's top 100. Hosted many top events including the Brabazon, the Senior Open and the British boys Championship which Sergio Garcia won. In 2012 moved to Neath GC as Head Greenkeeper. Neath GC is a Championship heathland course designed by James Braid in 1934. In 2018 Neath hosted the Welsh team championship and in 2020 is host to the Welsh boys Championship. Mark is extremely passionate about producing a sustainable golf club using cultural methods of Greenkeeping to produce a healthy firm sward, with desirable grasses and root zone while protecting the wildlife, flora and fauna.