



21st CENTURY AMENITY MANAGEMENT

**Annual Conference & Exhibition
of the
Amenity Forum**

To be held on Thursday, October 10th 2019

BURTON ALBION FOOTBALL CLUB

Pirelli Stadium, Burton on Trent

MORNING PROGRAMME

0845	Exhibition Opens
0900	Registration
0945	Exhibition Opens / Refreshments
0945	Welcome and Introduction

Policy and Its Impact

0950	Responding to policy change <i>Grant Stark, Chemicals Regulation Division, HSE</i>
1010	Human Health Monitoring <i>Professor Michael Eddleston, NPTS Edinburgh</i>
1030	21st Century Innovation <i>Dr. David Hughes, Syngenta</i>
1050	Any questions to previous speakers & Introduction to our supporters
1100	Refreshments, visit to exhibitors and Networking

Integrated Approaches – What it means and how to plan for it

1130	Introduction <i>Professor John Moverley, Amenity Forum</i>
1135	The importance of good soil management <i>Michael Fance, Aquatrols</i>
1150	Non – Chemical approaches including electricity <i>Stephen Jelley, Rootwave</i>
1205	Mechanical weed control with effective sweeping regimes <i>Chris Faulkner, Kersten (UK) Ltd</i>
1220	The importance of establishment and management of amenity grass as part of IPM <i>Chris Humphrey, Collier Turf</i>
1235	The continuing place for chemical control in IPM <i>Lewis Blois, Bayer</i>
1250	Panel Discussion

Pride In What We Do	
1305	Sprayer Operator of the Year Awards
1310	Lunch, visit to exhibitors and Networking

AFTERNOON PROGRAMME	
	A Practitioners View
1420	21st Century Amenity Management – a contractor’s view <i>Ian Graham, Complete Weed Control</i>
1440	21st Century Amenity Management – a local authority view <i>Mike Hinton, Birmingham City Council</i>

Creating Excellent Playing Surfaces	
1500	Stadium Design and its impact upon playing surfaces <i>Tom Young, STRI</i>
1520	The pressures and challenges of creating and maintaining high quality playing conditions and facilities for a major golfing venue <i>Jim McKenzie, MBE, Director of Estates and Golf Courses, Celtic Manor</i>

Professional Standards	
1540	Assured Practice in our sector – licence to practice <i>Stephen Jacob, BASIS Registration</i>
1600	Brief concluding remarks Conference close

DEPART

SPEAKERS



GRANT STARK has worked in HSE's Chemicals Regulation Division and predecessor organisations for over 20 years. He has worked in a number of policy roles, liaising with industry and other stakeholders and providing advice on a range of pesticide-related matters. His most recent work has focussed on the sustainable use of pesticides. He was part of the UK team that negotiated the EU directive on sustainable pesticide use and plays a key role overseeing its Implementation. He has worked closely with the Amenity Forum for several years.



PROFESSOR MICHAEL EDDLESTON is a Professor of Clinical Toxicology in the Pharmacology, Toxicology and Therapeutics Unit of the University of Edinburgh, and Consultant Physician at the National Poisons Information Service, Royal Infirmary of Edinburgh. He trained in medicine at Cambridge and Oxford, with an intercalated PhD at the Scripps Research Institute in La Jolla. His primary research aims to reduce deaths from pesticide and plant self-poisoning in rural Asia, a cause of as many as 200,000 premature deaths each year and the number two global means of suicide. He performs clinical trials in South Asian district hospitals to better understand the pharmacology & effectiveness of antidotes and community-based controlled trials to identify effective public health interventions. He recently established the Centre for Pesticide Suicide Prevention at the University of Edinburgh to drive research into and implementation of pesticide regulation. He leads the NPIS pesticide surveillance program which collects and analyses data on pesticide exposures presenting to health services in the UK on behalf of HSE.



DR DAVE HUGHES is a synthetic organic chemist by training. After finishing a post-doctoral position in the USA I returned to the UK to join the agrochemical industry as a chemistry team leader, designing and synthesizing new potential pesticides. After ten years I moved to head a biochemistry and genetics group investigating the mode of action of pesticides. Five years later I moved to a role in external collaborations, and I am now responsible for technology identification and evaluation for Syngenta's crop protection business: responsible for initiating and developing strategic relationships with universities and other companies around the globe in order to collaborate and co-develop new technologies for use in agriculture.



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.



MICHAEL FANCE has a background of nearly 36 years in this industry. He spent 18 years in greenkeeping, 14 years in either Head Greenkeeper or Course Manager positions. He has spent the last 18 years consultatively selling products into the sports turf sector and is both FACTS and BASIS qualified. Bob Moore, founder of Aquatrols, brought the first soil surfactant to the sports turf market in 1954, the area of products commonly known as wetting agents and the company is now widely regarded as the global leader in this technology. As well as operating as the European Account Manager Michael also fulfils the role of European Technical Support Manager.



STEPHEN JELLEY is the Commercial Director at RootWave managing direct sales in the UK and at their distributors worldwide. He has held various Sales & Marketing positions over the past 20 years, with a particularly focus on electrical products from leading companies such as General Electric, Philips Electronics & Honeywell. @RootWave #ZapsWeedsZeroChemicals



CHRIS FAULKNER is Managing Director of Kersten (UK) Ltd. and has lead the business since it started in 2004 specifically to provide UK distribution of the sweeping and outside maintenance machines. Prior to this he trained as an Agricultural Engineer at Berkshire College of Agriculture and went on to start a ground maintenance machinery sales division of an established agricultural machinery distributor which attracted key franchises. Though not formally trained in business he has worked hard on his own personal development through evening classes, local business clubs, reading and doing it!. The business is now involved in many aspects of site maintenance equipment and provides commercial sweeping services in its local area. Chris has recently contributed to Lantra's new course "Awareness of Integrated Weed Management".



CHRIS HUMPHREY is the Technical Manager for Collier Turf Care Ltd. He started work 40 years ago as an apprentice at Brighton Parks Department and worked his way up through all positions, including golf courses, floral displays and cemeteries, to Head of Parks. He also managed the highway weed spraying contract for Brighton & Hove City. Amongst his talents, he is trained as a Tactical Commander in Emergency Planning and was a competition hedge layer when he was younger and fitter. Chris also lectures Sports Turf students at the local college where he was a student way back in 1979. For the last 12 years Chris has worked for Collier Turf Care, initially as Technical Sales Rep covering the south coast and then as the company's Technical Manager.



LEWIS BLOIS is the National account manager at Bayer Cropscience. He has been in the amenity industry for over 10 years working in both distribution and manufacturing. Lewis joined Bayer Crop science in June 2017 and is account manager for all Bayer products in the turf, industrial and ornamental sectors. Bayer is a global leader in providing innovative solutions to pest, weed and plant disease problems in the professional non-crop markets. This encompasses the turf and amenity sector, as well as industrial vegetation management and horticulture. The Bayer product portfolio consists of turf fungicides, insecticides and a range of herbicides. The key brands include Exteris, Dedicate and Valdor Flex.



IAN GRAHAM is the Managing Director of Complete Weed Control Ltd, he first became involved with the business and the amenity weed control industry in 1999 when he bought the Durham & Teesside franchise. Initially running this area Ian and fellow franchisee Alan Abel bought the majority shareholding in the national business from its founder in 2008. Having spent many hours spraying with knapsacks, boom sprayers and the Weed-IT machine that revolutionised spot treatment Ian is well qualified to commentate upon the difficulties surrounding the herbicide application business.



MIKE HINTON District Parks Manager who has worked for Birmingham City Council for over 40 years. During that time I have worked in various areas in Birmingham as an Area Supervisor, I was Project Manager for Birmingham's entries to the Chelsea Flower Show, Gardeners World Live and the RHS Tatton Flower Show. Whilst at Kings Heath Park, I was a lecturer working in partnership with Bourneville and Pershore Colleges for over 20 years delivering Amenity Horticultural courses from BTEC First to National Diploma level. In addition, my specialisms have included Invasive Weeds, Pesticides and a BASIS Advisor. As a District Parks Manager, I am responsible for managing over a third of Birmingham's Amenity Areas which include Highways, Housing, Cemeteries, Parks and POS. In addition, I am an RHS Flower Show and Green Flag Judge. I am also advising Sutton Coldfield Town Council for their Britain in Bloom application in July this year.



TOM YOUNG is STRI Group Technology Manager and takes the lead in co-ordinating development of innovative services and products for the sports turf market as well as new markets for STRO. He has worked for STRI Group for 5 years. Designing and managing research trials for clients as well as developing the companies green roof consultancy and substrate testing business. Tom has been a key member of the team which has developed the first UK BSI green roof Substrate, due for publication in spring 2019. Prior to STRI, Tom graduated from Sheffield University in 2014 with a PhD in Biological Sciences, specialising in the optimisation of green roof substrate plant growth and specific service provision in collaboration with a sponsor company.



JIM MCKENZIE was born in Clydebank, Scotland. He left school in 1979 to take up position as Apprentice Greenkeeper at Hags Castle Golf Club – Glasgow and trained at Woodburn House Horticultural College in Burnside, Glasgow. He became a Head Greenkeeper at the Cawder Golf Club in 1985 and was involved in multiple events on Ladies European Tour. In 1988, he became Course Manager at Renfrew Golf Club and hosted multiple European events. He then joined The Wentworth Club, Surrey in 1990 as Head Greenkeeper on The West Course and was involved in multiple PGA Championships and World Match play events.. He moved to Celtic Manor Resort in 1993 to oversee construction of Robert Trent Jones designed Roman Road Course and became Golf Course Manager upon completion of the project and subsequently developed a further 4 courses on site including the Montgomerie and The 2010 Course. HE also held the position of Director of Golf responsible for the complete golf operation..Jim is currently Director of Golf Courses and Estates Management and has hosted 15 successive events on the European Tour and of course the 2010 Ryder Cup Matches.Jim McKenzie was awarded the MBE in 2011 in recognition of services to sport.



STEPHEN JACOB is the Chief Executive of BASIS Registration Ltd. He leads the team responsible for conducting pesticide store and Amenity Assured audits as well as administering exams and training in the crop protection and crop nutrition industry. Under his leadership they assess over 3,000 candidates per year. BASIS also manages the CPD of over 11,000 members including the BASIS Amenity Training Register, BASIS Professional Register, FACTS and BASIS PROMPT, a register of professional pest control technicians.

SUPPORTERS



BASIS is an independent organisation set up at the suggestion of the UK Government in 1978 to establish and assess standards in the pesticide industry relating to storage, transport and competence of staff. It offers a wide range of examinations and recognised qualifications for all working in the pesticides, fertiliser and related sectors. It operates annual audit schemes for professional pesticide stores and related stewardship schemes, manages professional registers for qualified pesticide, fertiliser and amenity advisers, and operates the Amenity Assured and Lawn Assured standards."



BAYER is a global leader in providing innovative solutions to pest, weed and plant disease problems in the professional non-crop markets. The turf and amenity team at Bayer offers a comprehensive and innovative range of products for greenkeepers, groundsman and other professionals in the turf and amenity industry. The company's product portfolio consists of turf fungicides and a range of herbicides. Key brands include Pistol®, Longbow®, Dedicate® and Exteris Stressgard® the first new fungicide AI for ten years in the turf sector.



CITY & GUILDS, as the leading awarding organisation and provider of pesticide application membership services, are delighted to continue their support of the Amenity Forum Conference. We will be pleased to answer any questions and discuss our apprenticeship end-point assessment service, as well as our extensive range of centre-based, work-based and certificate of competence qualifications for the land-based sector.



In order to meet the public's high level of expectation for open space maintenance, a timely programme of carefully considered herbicide application needs to be planned and executed. **COMPLETE WEED CONTROL** has the experience and local teams to assist you in this process. With qualified staff and access to the Weed-IT spot spraying technology, weed control can be achieved legally and economically. Our comprehensive health & safety package, coupled with our commitment to responsible herbicide application, will assist in you in achieving your environmental targets and responsibilities.



GREEN-TECH is the UK's largest landscaping supplier providing quality landscaping materials and wholesale garden supplies for landscape contractors, architects, designers and landowners. Green-tech stocks over 6,500 tried and tested landscape essentials and whether your projects include maintenance of public open space, tree planting in a woodland, creating an urban landscape or planting a bio diverse wildflower meadow we have a range of products to suit.



HEADLAND'S product portfolio includes over 40 fertiliser formulations, encompassing conventional, slow and controlled release technology in both solid and liquid forms, as well as a growing range of pesticides and growth management products. Customers include the largest and smallest of Golf Clubs, Cricket and Bowling Clubs, Racecourses, Landscapers, Local Authorities, Lawncare and Contractors, as well as many others.



HOZELOCK-EXEL is part of Exel Industries, a group of companies which have become the world leader in precision spraying techniques for Plant Protection and is now ranked third worldwide for Materials Protection. Hozelock Exel produces the Cooper Pegler and Berthoud brands, which have been the sprayer of choice for the professional operator for over 100 years. Robust and reliable, the spraying equipment is distinguished by diaphragm technology and offers supreme levels of comfort & efficiency.



ICL provide speciality fertilizers and nutrition programmes, grass seed, plant protection products and growing media to help meet the demands of modern-day turf and landscape management. We take great pride in the integrity and value of our dynamic world-class product portfolios and in the provision of dedicated technical support.



JSD RAIL work hard to keep Britain's railways clear of weeds and safe to use. We recognise that an integrated approach to management of vegetation is key to sustainability. We believe that an overall management package that includes ballast renewal, ballast cleaning and cutting & clearing of lineside vegetation to prevent the deposit of leaves on the track with subsequent build-up of detritus rotting down to form a seed bed is vital. We are conscious however that herbicide plays an essential part in maintaining clean clear track. So with careful forward planning, regular calibration of equipment, good quality training for staff we can ensure that the public, the environment and co-workers are not put at risk or effected by our activities.



LANGUARD VM have delivered cost effective, safety conscious and environmentally responsible vegetation management solutions to the Industrial & Amenity sectors for over 30 years. We are the largest provider of urban weed control services in the UK, a leading specialist vegetation management business servicing the UK Highways Network and also have substantial business in invasive weed control, industrial sector vegetation management and sports turf management. We are focused on meeting the needs of our customers, offering nationwide coverage from our regional offices and depots.



LANTRA AWARDS is a nationally recognised Awarding Organisation specialising in the Landbased and Environmental sectors. We offer a wide range of recognised training and qualification products through a network of approved training providers. Lantra has products for the Amenity sector including Safe Use of Pesticides and alternatives, Health & Safety, Mowers, Brushcutters, Trimmers and Hand Held landscaping tools.



THE NATIONAL SPRAYER TESTING SCHEME is the delegated body in the UK to provide the testing of pesticide application equipment (PAE) in the UK. As part of the Sustainable Use Directive it is a requirement that all PAE is tested to regular timescales and machine owners have a responsibility to ensure their machines are tested by the relevant dates. Qualified examiners, covering the whole of the UK, work with an extensive checklist to ensure your machine is capable of applying pesticides safely and accurately. The scheme has been part of UK agriculture since 2003 and is a main pillar of the Voluntary Initiative.



NOMIX ENVIRO is a leading supplier of safe, effective and innovative herbicides and technical support services for amenity, rail, and industrial weed control. Nomix Total Droplet Control (TDC) combines easy to use, targeted application technology, with ready to use, low volume herbicides. TDC minimises the risk of run-off and spray drift and there is no mixing, which virtually eliminates the risk of spillage. We are also national distributors for the major amenity herbicide manufacturers. This allows us the unique position of offering a sustainable solution for every situation. Visit www.nomixenviro.co.uk for more information or call 0800 0324352.



PROGREEN supply & advise on fertilisers, amenity/horticultural herbicides (professional & non-professional), moss control solutions, grass seed & application equipment, nationwide. These products are all supported by BASIS and FACTS qualified staff offering free technical advice; as well as having PA1, PA2, PA4 and PA6 qualified staff with landscaping experience. Training courses such as NPTC (e.g. PA1, PA6) & BASIS certification are run by Progreen in purpose-built training facilities at their head office and throughout the country and are available either for individuals or tailored to specific company requirements.



RIGBY TAYLOR 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.



VALE ENGINEERING manufacture winter maintenance equipment and weed control spraying equipment including chemical storage solutions for the municipal and amenity sectors. The PKL Spraying System is the premier system used by Local Authorities for weed control. The salt spreading range includes trailed and mounted models for use behind tractors and 4x4 vehicles. Vale Engineering also owns Riverlynx, the specialist CDA Controlled Droplet Application Sprayer producer. Its range of lances can be used in conjunction with its own Ecomark carrier.



WEEDFREE has been a market leader for industrial and amenity weed control for over 50 years, consistently delivering high quality vegetation management and environmental support services to the amenity and railway sectors. In addition to the provision of conventional weed control and vegetation management our specialist services now include non-chemical alternatives including hot water. For further information call 0800 2949333 and ask to speak to a member of our Sales Team.



HARPER ADAMS UNIVERSITY is proud to be the premier land-based education provider in the UK working with all sectors of agriculture, utilities, amenities & construction. As well as our Under-graduate, Post Graduate course, we also offer a wide range of both practical skills & classroom based short courses that run throughout the year at our fully equipped campus based in the beautiful Shropshire countryside or at your own premises nationwide. Harper Adams has the added benefit of being a University with a renowned national & international reputation, a assessment Centre for Lantra Awards, NPTC City & Guilds and BASIS and has a State of the art modern facilities & equipment.



Syngenta is pleased to support the Amenity Forum and its drive for continuous professional development across the industry. Syngenta produces world leading turf management products, designed to improve turf quality and enhance the playing experience. Syngenta invests over \$1bn a year in R&D of proven products, which include high performance turf fungicides; quality enhancing and cost-saving Primo Maxx II growth regulator; the innovative Ryder turf pigment and the outstanding water conservation and wetting agent, Qualibra. All backed with the company's renowned reliability to consistently deliver exceptional results and reinforced by the Amenity Sprayer Operator of the Year awards to achieve professional performance. All supported by the pioneering website – www.greencast.co.uk