Welcome

The Rocky Mountain Regional Turfgrass Association (RMRTA) Board members have worked hard to provide a quality selection of topics, presented in a variety of formats. We welcome you to our event and know you will find high-quality education, great networking and the best exhibitors in the region.

Location

We will be hosting the event at the Crowne Plaza DIA, 15500 E 40th Ave., Denver, CO. Parking is free.

Our Keynote

Never Give Up, Never Stop Trying: 7 Steps to Success - Rulon Gardner – Olympic Gold and Bronze Medalist

In the 2000 Olympics in Sydney, Rulon Gardner shocked the world when he defeated the previously unbeaten Russian, Alexander Karelin. After a devastating accident where he was lost in the Wyoming wilderness overnight in winter, sopping wet, he moved past the amputation of a toe to win Olympic Bronze in Athens, where he ceremoniously retired from Greco-Roman Wrestling. Rulon shares with his audience the sense of determination, the self-confidence, and the fighting spirit that gave him the strength to stand up against seemingly unbeatable odds and win.

Conference Schedule

Tuesday, December 6
7AM  Registration Opens
8AM-5PM  Workshops

Wednesday, December 7
7AM  Registration Opens
9:30AM  Trade Show Opens
11AM-12PM  Educational Programs
12PM-1PM  Trade Show, lunch and Silent Auction
1PM-4PM  Educational Programs
4PM-6:30PM  De-Turfing Reception and Silent Auction

Thursday, December 8
8AM  Registration Opens
8AM-11AM  Trade Show
8AM-1PM  Educational Programs
Workshop 1 - 8:00AM-12:00 PM - Golf

*The Greatest Questions Asked…Will be Answered* – Dr. Frank Rossi, Cornell University (Category 206 – 2 Credits)

Dr. Rossi is well versed in many turfgrass topics; he hails from Cornell University in New York and will bring some back east flair to the west for this special presentation. He will be speaking specifically on Poa management….can it be managed, is it our friend or foe? In the second half of his presentation he will speak on technologies revolving around disease management specifically without fungicides…the philosophy of plant healthcare.

Workshop 2 - 8:00AM-12:00 PM - Irrigation/Environmental

*Backflow Prevention* – Dr. Stu Assay, IAPMO

Descriptor not available at time of print. Go to www.rmrta.org for the latest information.

Workshop 3 - 8:00AM-12:00 PM - Sports Turf


Dr. Beth Guertal will help us understand plant nutrition in the context of sports turf management. This will include nutrient technologies, chelates and most important rates and timing. In the second half of her presentation she will cover aeration. Again this will be specific to sports turf, timing, frequency, methodology, equipment and most importantly the nuts & bolts of why this is such an important component to Sports Turf maintenance.
Workshop 4 - 8:00AM-5:00 PM - Pesticide Applicator

Commercial Applicator Test Prep Course – Thia Walker, Colorado State University

Are you nervous and unsure how to prepare for the Commercial Applicator Test? Thia Walker will navigate through the Commercial Applicator Pesticide Study Guide to prepare attendees for the General Exam. Attendees will highlight areas to review in the study guide so they know exactly what information to focus on. Areas covered will include the necessary federal and state laws & regulations, applicator safety, pesticide labels and labeling, pesticide formulations, identifying hosts, environmental safety and pesticide applications. And learn how to do that ‘dreaded math’ for applications!

The newly revised workshop manual will be available for purchase at the workshop itself. Manual cost is $25 each, checks or exact cash only.

Workshop 5 - 8:00AM-12:00 PM - Landscape Technology

Turf & Weedy Grass ID – Dr. Tony Koski, Colorado State University (Category 206 – 2 credits)

Attendees will learn how to use botanical characteristics and both paper and online keys to identify common turf species and weedy grasses, using live samples. Approaches to management will be discussed, but the focus will be on proper identification of grasses and why it is important to develop this important skill.

Workshop 6 - 8:00AM-5:00 PM - Landscape Technology

Introduction to GMA Welding and Plasma Cutting – Kyle Killpack and Mike Decker, General Air

Learn the basics of GMA Welding and Plasma cutting to enable you to keep your equipment in working order. This training course will include both classroom style instruction followed by hands-on training. The instructor will begin by reviewing the basic Process and Techniques of GMA Welding and Plasma Cutting. Following the more formal classroom style instruction, attendees will have an opportunity for hands-on training on both machines.
Workshop 7 - 1:00PM - 5:00 PM - Golf

*Managing Effluent Water & Carbon – The Myths and Reality – Dr. Beth Guertal, Auburn University*

Dr. Beth Guertal will dive deep into effluent water and how to best combat the challenges we face in managing turf with less than ideal water sources. In the second half of her presentation, she will discuss carbon the myths and the realities to help us be better equipped to evaluate products and techniques in growing turf with or without carbon based nutrition.

Workshop 8 - 1:00PM - 5:00 PM - Irrigation/Environmental

*Irrigation Design – Justin Hamula, ASLA, PLA, CLIA*

This irrigation course will be focused around the most critical principles of irrigation design to help ensure efficient application of water. We will cover basic hydrologic principles, determine a systems Design Capacity in different situations, proper product type selection for varying site condition’s, and finally how to determine irrigation scheduling.

Workshop 9 - 1:00PM - 5:00 PM - Sports Turf

*Managing Turf without Herbicides & Growing Better Grass – Dr. Frank Rossi, Cornell University (Category 206 – 2 Credits)*

Dr. Rossi who is deeply entrenched with the state of New York has an interesting insight to the limited and in some cases outright elimination of herbicide applications in parks and recreation areas……he will educate us on how that process happened, has worked and what we can do to be better stewards to the environment. He will also cover the broad topic of growing better turf…this is referenced in the scope that not all fields can be given the same care, how do we prioritize our maintenance and still provide acceptable conditions to the lower tier fields and spaces.

Workshop 10 - 1:00PM - 5:00 PM - Landscape Technology

*Landscape Health Management – Dr. Alison O’Connor (Category 207 – 2 credits)*

This workshop will examine integrated management practices (cultural and chemical) that can optimize the health of trees, turf and other landscape plants. The workshop will emphasize management of all plants in a landscape and why it is important to manage the landscape as a whole unit – and not just focus on individual plants.
The Continuing Education Credits (CEC) Track is designed to provide continuing education credits, applicable to maintaining certification and licenses. This CEC track is designed for Pesticide Applicators.

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PESTICIDE APPLICATORS - CEC

11:00AM-12:00 PM, Wednesday, December 7 - Pesticide Applicator Track

Nuisance Vegetation in Ponds – Travis and Brad Matoush, Underwater Recovery Specialists (Category 108 – 1 Credit)

For our education seminar, we will be discussing management of ponds. The majority of the course will be about weed and algae control methods as well as plant identification. The management techniques we will discuss range from chemical application, bacterial applications, physical removal and aeration. We also plan to discuss what effects the weeds and algae will have on the pond if left untreated. For the chemical and bacterial applications we will discuss what chemicals are needed after the plants are identified as well as amounts needed based on pond sizes and growth rates.

11:00AM-12:00 PM, Wednesday, December 7 - Landscape Technology Track

Protecting Pollinators in the Landscape from Pesticide Applications – Thia Walker, Colorado State University (Category 207 – 1 credit)

Learn about the best management practices to protect pollinators when making pesticide applications in the landscape, with a focus on applications made to or near flowering plants and trees.

1:00PM - 2:00 PM, Wednesday, December 7 - Landscape Technology Track

Turf & Landscape Insect Update – Dr. Whitney Crenshaw (Category 207 – 1 Credit)

Dr. Crenshaw will provide the latest information on the status of emerald ash borer in Colorado and how to best manage this insect, how best to manage Japanese beetle on both turf and landscape plants, and will discuss other landscape and turf insects of interest in 2016.

1:00PM - 2:00 PM, Wednesday, December 7 - Mosquito Track

Mosquito Biology & Prevention Management – Larry Erickson, Clark Mosquito Control (Category 110 – 1 credit)

Clark Mosquito is one of the leading companies helping manage mosquitoes nationally. They will help us understand the biology of the mosquito to help us better understand proper prevention and management techniques.
2:00PM - 3:00 PM, Wednesday, December 7 - Golf Track

*Increasing Lipophilic Character…making your herbicides work better* – Judd Fitzgerald, Helena Chemical (Category 206 – 1 Credit)

Judd will explain the limiting factors to what we can and cannot achieve with herbicide applications. There are little know secrets the manufactures do to create better performing, more efficient herbicides that Judd will share with you in hopes that you can be better applicators. Some of this talk will discuss environmental concerns and what we can do in our industry to reduce herbicide interfaces while still providing a quality landscape.

2:00PM - 3:00 PM, Wednesday, December 7 - Landscape Technology Track

*Research Data from NRS Control Using Compost Tea* – Tamla Blunt and Carol O’Meara, Colorado State University (Category 206 – 1 credit)

This presentation will cover the pathogen (biology and life cycle) that causes Necrotic Ring Spot, research findings on disease control by Nathan Brandt, the update from the home landscape 3-year study using compost tea as a disease suppressant and the new data from the CSU study site using a biofungicide, humates and compost tea.

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*Larvacides & Modes of Action* – Stephanie Whitman, Valent BioSciences Corp. (Category 110 – 1 credit)

Stephanie will help unpack what Larvacides are used for, how they work and best practices. She will also help us understand the real threat we face in the Rocky Mountain region and what management is actually necessary.

3:00PM - 4:00 PM, Wednesday, December 7 - Golf Track

*PGR’s for Turf – Research Review* – Dr. Bill Kreuser, University of Nebraska - Lincoln (Category 206 – 1 Credit)

Dr. Kreuser has made a name in academia for his work with Plant Growth Regulators. In this presentation he will share his latest research on Plant Growth Regulators and how that helps us steward the environment and grow better turf.
2:00PM-3:00 PM, Wednesday, December 7 - Pesticide Applicator Track

How to Develop and Maintain a Successful R-O-W Program – Kevin Gallagher, Heinen Brothers Agra Services (Category 109 – 1 Credit)

There are more than 10 million right-of-way acres throughout the United States. I will give examples of the most common ROW sites found in Colorado, and how forward thinking vegetation managers have utilized more innovative herbicide technology than in previous years. Whether it’s a selective or non-selective treatment, timing of the plant weed growth must match up with the strength of an herbicide, to take full advantage. There will be a review of all current rates on the most common herbicides labelled for use in Colorado.

3:00PM-4:00 PM, Wednesday, December 7 - Pesticide Applicator Track

Rangeland Pest Control – Rick Roehm, Helena Chemical (Category 107 – 1 Credit)

Rick will cover weed management in Rangeland and other non-crop situations. Primary focus will be on weed identification, chemical and non-chemical control options, and grass re-establishment. Matching Herbicides to specific weed conditions will be discussed as well as adjuvants.

8:00AM-9:00AM, Thursday, December 8 - Golf Track

Growing Degree Model and PGR’s – Dr. Bill Kreuser, University of Nebraska - Lincoln (Category 206 – 1 Credit)

Dr. Kreuser will explain his ground breaking work on application timing of Plant Growth Regulators using Growing Degree Days. If you are familiar with this model or not we all will learn from the man who pioneered this philosophy and come away with best practices to apply growth regulators.

8:00AM-1:00PM, Thursday, December 8 - Pesticide Applicator Track

Core Credits – Sandra McDonald, Mountain West PEST (LR1, LR2, PF, AS, PS, EP, UP)

- Laws & Regulations – FIFRA as the Basis for State Pesticide Laws
- Pesticides & Their Families – pesticide Resistance Management
- Applicator Safety – PPE Selection
- Public Safety – Cancer “Risk” of Pesticides
- Environmental Protections – Pesticide Disposal Issues
- Use of Pesticides – Reasons to Read a Label
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Dr. Koski will cover specific turf diseases and weeds that can be managed by a “Soft Approach”. How Integrated Pest Management is the bases for turf management leading toward a soft approach to turf maintenance.

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Plant Growth Regulators are not specific to the golf industry. Dr. Krueser will help us see the function, purpose and need for PGR’s in the Sports Turf industry. He will also help us see that PGR’s are not only a tool for professional sports fields, but for many sites to provide better playing surfaces.

11:00AM-12:00PM, Thursday, December 8 - Landscape Technology Track

*Outdoor Invertebrate* – Joe Harkreader, All American Wildlife, LLC (Category 302 – 1 Credit)

The presentation will focus on an overview of rodents of Colorado and associated nuisance problems, diseases, and other General Information.
11:00AM-12:00PM, Wednesday, December 7

_Golf Maintenance Forum_ – Dr. Beth Guertal; Dr. Bill Kreuser, University of Nebraska – Lincoln; Blake Meentemeyer, USGA; Kevin Atkinson; Dr. Tony Koski, Colorado State University

This super-charged discussion is lead by the audience on practices, philosophies and general questions frequently thought about but rarely asked. This forum is a follow up to last year’s heated debate between successful superintendents and leading PHD speakers. We welcome any and all questions related to our trials and tribulations of growing turf.

2:00PM-3:00 PM, Wednesday, December 7

_Increasing Lipophilic Character…making your herbicides work better_ – Judd Fitzgerald, Helena Chemical (Category 206 – 1 Credit)

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10:00AM-11:00AM, Thursday, December 8

Next Generation Humics – Ian Leonard

Ian will explain the technologies that are opening the door for greater efficacy and lower use rates by separating the individual functional groups found in the Humic Acid family and show how they are changing the way we grow plants. He will take you down a journey that only an Aussie could….his knowledge, experience and wit will impress.

11:00AM-12:00PM, Thursday, December 8

Developing a Plan for Improved Playability – Kevin Atkinson

Your golf course playability is the most important consideration when preparing your course for golfer satisfaction. Many times the simplest adjustments can lead to improved golfer enjoyment. Ideally, there is no place in golf for an unplayable lie. While this is not realistic, remember the art of a recovery shot is one of the most important shots in golf. Far too often this is overlooked and Kevin will address the features on golf courses that make an impact on playability including:

• How to determine an appropriate green speed for your course,
• How to create an appropriate level of challenge for ALL golfer abilities
• Evaluating your trees as it relates to turf conditions, playability and aesthetics
• Pace of Play
• How to incorporate native grasses that are playable
• The importance of bunkering and evaluating the correct balance of challenge vs. playability vs. aesthetics.

12:00PM-1:00PM, Thursday, December 8

USGA Year in Review – Blake Meentemeyer, USGA

Blake Meentemeyer will do the annual USGA Year End Review where he discusses all things related to the golf industry and how it impacts the superintendent from a USGA standpoint.
IRRIGATION/ENVIRONMENTAL TRACK

11:00AM-12:00PM, Wednesday, December 7
Title Water Management: Protecting our Environment and Plants – Kevin Lewis
This course will look at water as a whole and how it plays a role in daily life. We will discuss the state of water conservation, and how drought impacts the green industry and you at home. We will go further into how moisture stress can factor into turf and ornamental stress leading to weak or lost grasses and landscapes. There are tools to help, I will cover many of the cultural management options and go into greater details of chemistry that will help manage or reduce irrigation, conserve water and provide for high performance turf and landscapes.

1:00PM-2:00PM, Wednesday, December 7
Managing Irrigation Controllers Remotely – Justin Hamula, Hunter Industries
Thought we have been slow to adopt technology, the irrigation industry is well in its way to being brought into the 21st century with remote access to controllers via cloud based connections and web based applications.

This course will cover current available technologies used to remotely access Irrigation Controllers. Technological advances as allowed multiple ways to communicate to Irrigation Controllers remotely from off site via applications for Tablets and Smart Phones. We will cover communication options currently available in the market and focus on the more commonly accepted communication options for IT professionals. The course will discuss what market offerings are available to monitor water use, analyze alarms, and adjust schedules based on weather or soil moisture conditions.

2:00PM-3:00PM, Wednesday, December 7
Using Soil Sensors to Conserve Irrigation Water – Neil Noble
Neil will give an overview of soil sensor technology in the golf and landscape market. We will review products, investigate their benefits and limitations, and discuss how to collect and use soil sensor data for day-to-day soil water monitoring and irrigation management.

8:00AM-9:00AM, Thursday, December 8
Sub-Surface Irrigation – Kelly Keicher
Designing Sub-Surface Irrigation, Critical product features, Examples, and Water Saving examples.
10:00AM-11:00AM, Thursday, December 8

**Creating Strong Irrigation Specifications** – Jeff Butler, Dillon Company

Being specific in your irrigation plan details can help insure that your system is installed properly, with the components you want and at the price point that you choose.

This class will cover some important component decisions that are often left to contractor discretion after the bid process. Some of these components, such as ball valves, can create maintenance headaches for many years after your contractor warranty runs out. This class will also discuss the importance of using “spot on” descriptive language in your plan details and what the resources are to get them right.

12:00PM-1:00PM, Thursday, December 8

**One Call Best Practices** – Marty Mead, Damage Prevention

Learn about the recommended and essential practices pertaining to the One Call Process and the protection of underground utilities.
11:00AM-12:00PM, Wednesday, December 7

**Drone Technology & UAV Uses in the Green Industry** – Kevin Haley, Quad P Aerial Solutions, LLC

In this session, Kevin will discuss how using Drone Technology (UAV’s) can be implemented into our industry. He will explain how this technology is being used and what the future holds. He will show the mapping capability for Turf, Trees, Wear & Insect damage.

1:00PM-2:00PM, Wednesday, December 7

**Soil Physical Properties – Making What We Have Better** – Dr. Beth Guertal, Auburn University

Dr. Beth Guertal will briefly explain Soil Physical Properties than go into depth on how to make what soil we have work for us.

3:00PM-4:00PM, Wednesday, December 7

**Coors Field Renovation** – Joe Wilkins III, Green Valley

Descriptor not available at time of print. Go to www.rmrta.org for the latest information.

8:00AM-9:00AM, Thursday, December 8

**Field Safety – 2 Years Later** – Ross Kurcab, Championship Sports Turf

Is your field and facility safe? Ross will cover both natural and synthetic field safety. Even if you don't have a filed the same applies for park turf areas and non-sporting venues. Find out how tests on your facilities can help you decide field safety, renovations or cultural practices can help. Concussions are being talked about more every day.

10:00AM-11:00AM, Thursday, December 8

**Synthetic Turf Care and Crumb Rubber: Fact or Fiction (plus the latest on alternative infills for synthetic and natural turf)** – Todd Smith, Academy Sports Turf and Kyle Eastman, Liberty Tire Recycling

This class is designed to help all of those who have a synthetic field, looking to install one or care and maintenance. The facts of crumb rubber will be covered in this presentation and the many areas that crumb rubber and other alternative infill materials can be used on natural and synthetic fields and high wear areas.

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1:00PM-2:00 PM, Wednesday, December 7

Forest Pests – Dan West, Colorado State Forest Service

The course will cover emerging urban and wildland forest pests and update 2016 forest damages from insect and diseases statewide. A main focus will be on the identification and life cycles of the major pests in forests across Colorado. Topics may include (may vary): Emerald Ash Borer, Douglas-Fir Tussock Moth, Foliar Fungal Issues (Marssonina and Septoria), Mountain Pine Beetle and Spruce Beetle, Ips spp. in Engelmann/Blue Spruce, and any new pests.

2:00PM-3:00 PM, Wednesday, December 7

How to Develop and Maintain a Successful R-O-W Program – Kevin Gallagher, Heinen Brothers Agra Services (Category 109 – 1 Credit)

There are more than 10 million right-of-way acres throughout the United States. I will give examples of the most common ROW sites found in Colorado, and how forward thinking vegetation managers have utilized more innovative herbicide technology than in previous years. Whether it’s a selective or non-selective treatment, timing of the plant weed growth must match up with the strength of an herbicide, to take full advantage. There will be a review of all current rates on the most common herbicides labelled for use in Colorado.

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8:00AM-1:00PM, Thursday, December 8

Core Credits – Sandra McDonald, Mountain West PEST (LR1, LR2, PF, AS, PS, EP, UP)

8:00 – 8:30 Laws & Regulations – FIFRA as the Basis for State Pesticide Laws
The Federal Insecticide, Fungicide and Rodenticide Act (FIFRA) is the framework for the Colorado Pesticide Applicators’ Act. A state can be more restrictive, but not less, than FIFRA. In 2015, EPA proposed changes to the Certification of Pesticide Applicators rule within FIFRA. The potential impacts on Colorado pesticide rules and regulations will be discussed.

By complying with the law, applicators avoid costly penalties and ensure safe, effective pesticide use. The 10 most common violations, as identified by the Colorado Department of Agriculture, will be discussed.

9:30 – 10:00 Pesticides & Their Families -- Pesticide Resistance Management
Pesticide resistance is the inherited ability of a pest to survive a pesticide treatment to which the original population was susceptible. Resistant pests present in a population can become the major pest in that population through selection pressure/using the same pesticide or pesticide Mode of Action (MOA). Strategies to manage resistance will be discussed. Tools for identifying the MOA will be demonstrated.

10:10 – 10:40 Applicator Safety – PPE Selection
A discussion of personal protective equipment PPE including how to read the label and select the required PPE. An in-depth discussion of the “chemical resistance” categories of gloves will be provided. Also the use of respirators will be discussed.

10:50 – 11:20 Public Safety -- Cancer “Risk” of Pesticides
A commonly asked question is about the potential health risks, including cancer, associated with some pesticides. This is especially true after the International Agency for Research on Cancer (IARC) pronouncements on glyphosate and 2,4-D. The Hazard Identification and Risk Assessment process will be outlined.

11:40 – 12:10 Environmental Protections -- Pesticide Disposal Issues
Proper pesticide waste disposal is an important part of responsible pesticide use. The characteristics of pesticides require proper disposal of unused or waste pesticide products in order to protect human health and the environment.

12:20 – 12:50 Use of Pesticides -- Reasons to Read a Label
There are many good reasons for reading and following the label and having it immediately accessible. A pesticide label is a legal document. Applicators must read, comprehend and implement the label. Labels will be used to demonstrate specific information such as, personal protective equipment, first aid, environmental precautions, and storage and disposal.
11:00AM-12:00 PM, Wednesday, December 7

Protecting Pollinators in the Landscape from Pesticide Applications – Thia Walker, Colorado State University (Category 207 – 1 credit)

Learn about the best management practices to protect pollinators when making pesticide applications in the landscape, with a focus on applications made to or near flowering plants and trees.

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Turf & Landscape Insect Update – Dr. Whitney Crenshaw (Category 207 – 1 Credit)

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Research Data from NRS Control Using Compost Tea – Tamla Blunt and Carol O'Meara, Colorado State University (Category 206 – 1 credit)

This presentation will cover the pathogen (biology and life cycle) that causes Necrotic Ring Spot, research findings on disease control by Nathan Brandt, the update from the home landscape 3-year study using compost tea as a disease suppressant and the new data from the CSU study site using a biofungicide, humates and compost tea.

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10:00AM-11:00AM, Thursday, December 8

Winter Desiccation – Causes & Prevention – Dr. Bill Krueser, University of Nebraska-Lincoln

Dr. Kreuser understands Winter Desiccation coming from the mid-west. He is going to help us understand the causes of Winter Desiccation along with providing practical prevention techniques we can apply to our own home state.
LANDSCAPE TECHNOLOGY TRACK

11:00AM-12:00PM, Thursday, December 8

Outdoor Invertebrate – Joe Harkreader, All American Wildlife, LLC (Category 302 – 1 Credit)

The presentation will focus on an overview of rodents of Colorado and associated nuisance problems, diseases, and other General Information.

12:00PM-1:00PM, Thursday, December 8

Plant Select® Program. Best of …… – Dr. James Klett, Colorado State University

Learn about the top performers from the 2016 Colorado State University Annual and Perennial Flower trials that you will definitely want to utilize in your landscape plans for 2017. Also learn about the 2016 Plant Select Introductions and some of the top performers from years past that you need to plant.
11:00AM-12:00PM, Wednesday, December 7

Organization of a Workshop – Stephen Tucker, Four Seasons
In this seminar we talk about how to properly organize your workshop from laying out your equipment and tools to managing your parts room. In this presentation we look at well maintained facilities and talk about the benefits to being organized.

1:00PM-2:00PM, Wednesday, December 7

Cutting Units 101 – Stephen Tucker, Four Seasons
In this seminar we will talk about the basics of cutting units from how to install your bedknife on the bedbar to the little things you should be looking for when setting up the reel each and every time you do it. This seminar will get you started on the road to success when setting up your reels.

3:00PM-4:00PM, Wednesday, December 7

Equipment Maintenance Strategies for Declining Budget – Stephen Tucker, Four Seasons
In this seminar we talk about strategies to maintaining equipment from the lease/purchase aspect to the preventive maintenance practices employed by facilities.

8:00AM-9:00AM, Thursday, December 8

Superintendent/Technician Communication – Stephen Tucker, Four Seasons
In this seminar we discuss the communication pitfalls between superintendent and equipment manager and how to improve. We give examples of common issues and ways to solve the problem to create a better team oriented operation.

10:00AM-11:00AM, Thursday, December 8

Lubrication Technologies – Greg Smith and Josh Rohrer, Certified Labs
An overview on all things related to today’s higher demands on engines, hydraulics, grease’s, & bulk fuel tanks, especially diesel fuel & it's many issues. We will welcome a question & answer forum so all attendees can find a solution to their specific problems.

11:00AM-12:00PM, Thursday, December 8

Battery Systems and Technology – Brian Champlin
Proper Battery maintenance, charging, testing, watering requirements and safe handling. Basic battery 101, materials & components and why they are important to battery function. What are the differences in battery technologies and why some are a good fit for your applications and while others aren't.
11:00AM-12:00PM, Wednesday, December 7

Mosquito Control in Turf Environments – Larry Erickson, Clark Mosquito
Clark Mosquito, one of the leading companies in mosquito control will help us understand the how, when, why & what to mosquito control in turf environments. This will be tailored for the applicator having issues with our making applications in sports turf/municipal park turf or golf turf environments.

1:00PM - 2:00 PM, Wednesday, December 7

Mosquito Biology & Prevention Management – Larry Erickson, Clark Mosquito Control (Category 110 – 1 credit)
Clark Mosquito is one of the leading companies helping manage mosquitos nationally. They will help us understand the biology of the mosquito to help us better understand proper prevention and management techniques.

2:00PM - 3:00 PM, Wednesday, December 7

Larvacides & Modes of Action – Stephanie Whitman, Valent BioSciences Corp. (Category 110 – 1 credit)
Stephanie will help unpack what Larvacides are used for, how they work and best practices. She will also help us understand the real threat we face in the Rocky Mountain region and what management is actually necessary.

2:00PM - 3:00 PM, Wednesday, December 7

Mosquito Forum – Larry Erickson, Clark Mosquito and Stephanie Whitman, Valent BioSciences Corp.
Stephanie Whitman & Larry Erickson will finish up the day with an open forum for the audience to ask what questions did not get answered during the 3 prior sessions. This is meant to be open and free for all managers and applicators to be used as a resource for information.
No event would be complete without the support of our exhibitors and sponsors. Thank you to all the companies listed below, who support RMRTA. List is as of publication.

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<th>Affordable Turf and Specialty Tire</th>
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**ATTENDEE REGISTRATION**

**Note:** *Each person is a different letter.* Photocopy this page or attach a list of additional names. Please print or type all information.

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Company Name (please print all information) ____________________________

Mailing Address __________________________________________________________

City ____________________________ State _____________ Zip ________________

Telephone ____________________________ Email ____________________________

**BACKGROUND INFORMATION:** Please indicate the industry segments in which you operate.

- [ ] Lawn & Landscape
- [ ] Golf Course
- [ ] Parks & Recreation
- [ ] Sports Turf
- [ ] Schools
- [ ] Education
- [ ] Sod Producer
- [ ] Roads/Row
- [ ] Cemetery
- [ ] Other: ____________________________________________________________

If you require any special accommodations in order to fully participate in this conference, please call the RMRTA office at 720.327.7358 or email kim@rmrta.org so that your special needs may be accommodated.

**CANCELLATION POLICY**

Registration fees, minus a $25.00 processing fee will be returned up to one week prior to the conference. After this time, only substitutions will be accepted. This policy applies regardless of the weather.

Please return a copy of this form with your check made payable to RMRTA or your Visa or MasterCard credit card information to PO Box 441069, Aurora, CO 80044, fax to 720.230.4846 or register on line at www.rmrta.org by November 30 for early bird rates. RMRTA Tax ID# 84-6036252. For further information, please call the RMRTA office at 720.327.7358.

**PARTICIPATE IN THE SILENT AUCTION TO BENEFIT TURF RESEARCH!**

You can participate in the Silent Auction by donating items to the auction block for bidding and/or bidding on the many fabulous items at the auction. You can donate items to the Silent Auction by indicating the item(s) to be donated below. Bring your item(s) to the registration desk on Tuesday or Wednesday between 7:00 a.m. and 9:00 a.m. You must be present at the end of the Auction to claim and pay for your item(s). All proceeds from the auction benefit further turf research through scholarships and research.

I/we would like to donate the following item(s):

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(Please fill in a dollar amount)

**PLEASE TURN OVER**
ATTENDEE REGISTRATION - SIDE 2

Register on line at www.rmra.org or return this completed registration form to the RMRTA office at PO Box 441069, Aurora, CO 80044 or fax to 720.230.4846.

WORKSHOPS: Tuesday, December 6th
Concurrent Workshops $95.00 each or $140.00 full day (this is the early bird rate) – Select one morning and/or one afternoon session. Space is limited to 60 participants in each workshop. Workshop registrants will be admitted into the Trade Show and Opening Session on Wednesday with presentation of their workshop badge. Attendance at Wednesday and Thursday Conference program sessions requires full conference registration.

AM
Greatest Questions Asked ................................................................. A B C D E F G
Backflow Prevention ................................................................. A B C D E F G
Plant Nutrition ................................................................. A B C D E F G
Commercial Applicator Test Prep Course (8am-4pm) ........................................ A B C D E F G
Turf & Weedy Grass ID ................................................................. A B C D E F G
Intro to Welding (8am-5pm) ................................................................. A B C D E F G

PM
Effluent Water & Carbon ................................................................. A B C D E F G
Irrigation Design ................................................................. A B C D E F G
Managing Turf/Growing Better Grass ................................................................. A B C D E F G
Commercial Applicator Test Prep Course – continued ........................................ A B C D E F G
Landscape Health Management ................................................................. A B C D E F G
Intro to Welding - continued ................................................................. A B C D E F G

CONFERENCE PROGRAM: Wednesday, December 7 & Thursday, December 8
Conference Program Attendees
(includes entrance to Trade Show) .................................................. A B C D E F G
(On site registrants must pay by cash, check or credit card)
An “Early Bird” discount of $5 per person can be taken on groups of four or more registering on one form for the conference program if paid by November 30.

NOTES:
Purchase orders must be paid by November 30 to receive the Early Bird pricing. Rocky Mountain turf students may be admitted free. See your faculty advisor for details.

OTHER OPTIONS

TRADE SHOW ONLY:
Anyone attending ONLY the Trade Show is admitted at no charge;..........
however, each person must register via this form or on site.
Wednesday lunch is not available for Trade Show only attendees.
Voluntary RMRTA Research & Scholarship Contribution (to support research and education) $10.00
Please bill my credit card ❑ Visa ❑ MasterCard TOTAL ENCLOSED $ __________
Card#: ___________________________ Expiration Date: ___________
3-digit security code (on back of card) ___________________________ Billing zip code ___________
Cardholders name (please print) ___________________________ Telephone Number ___________________________
Email ___________________________ (receipt will be sent to this email address)

FOR OFFICE USE ONLY

Received _______Check# / Credit Card _______________ Amount Paid GL#________ Amt $ __________
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PLEASE TURN OVER
RMRTA has a new address and staff. For the most up-to-date information, go to www.rmrta.org.

RMRTA
PO Box 441069
Aurora, CO 80044

Kim Peck – kim@rmrta.org or 720.327.7358

Becky Roland – becky@rmrta.org or 303.551.3266