



# **SEASHORE PASPALUM:** Salinity Challenges, BMP Maintenance, and Greens Speeds

March 15, 2016  
*Dubai, United Arab Emirates*

HOSTED BY:

**PURE**  **SEED**



 **Polyclean** L.L.C.  
*Turf Division*



## **SEASHORE PASPALUM:** Salinity Challenges, BMP Maintenance, and Greens Speeds

March 15, 2016  
*The Els Club, Dubai*

### **A G E N D A**

- 8:00-8:15 a.m.** .....Registration
- 8:15-8:30 a.m.** .....Welcome – *John Holmes*
- 8:30-9:15 a.m.** .....Session 1 - What does salinity tolerance really mean?  
Water Quality Challenges – *Dr. Ron Duncan*
- 9:30-10:15 a.m.** .....Session 2 - BMP Maintenance Practices:  
Nutritional Issues and Disease Management – *Dr. Ron Duncan*
- 10:30-11:00 a.m.** .....Break
- 11:00-11:45 a.m.** .....Session 3 - Greens Speed: The Do's and Don'ts – *Dr. Ron Duncan*
- 12:00-12:45 p.m.**.....Session 4 - Plant Breeding for Ryegrass Overseeding  
in the Middle East – *Crystal Rose-Fricker and Lucas Solis*
- 1:00- 1:45 p.m.**.....Roundtable Discussion and Presentation  
by The Els Club and Troon
- 2:00-3:00 p.m.** .....Lunch



## PRESENTER BIOGRAPHIES



**RON R. DUNCAN,  
Ph.D.**  
*R Duncan EcoConsulting,  
LLC*

With degrees from Texas Tech University (B.S.) and Texas A&M University (M.S. & Ph.D.), Dr. Ron Duncan spent from May 1, 1977 to June 30, 2003 at the University of Georgia-Griffin in grass research. His research program was focused on breeding/genetics/stress physiology of edaphic and

abiotic environmental stresses on various grasses and beginning in late 1993 on turfgrasses (tall fescue, seashore paspalum). His expertise ranged from drought and soil acidity environmental stresses initially to eventually salt/salinity-related problems and turfgrass management involving water conservation strategies, water quality problems, and sustainable alternative water use on all turfgrasses.

After retirement from the University of Georgia on June 30, 2003, he became Vice President of Turf Ecosystems, LLC from August 2003 to May 2010 in order to concentrate on developing additional biotic and abiotic stress tolerant turfgrass cultivars. He currently consults globally (R Duncan EcoConsulting, LLC) on all turfgrass species and water challenges, and continues to teach workshops dealing with best management and sustainability challenges on turfgrasses. He is a Fellow in the Crop Science Society of America and the American Society of Agronomy.

### CRYSTAL ROSE- FRICKER

*President, Pure Seed*

Crystal Rose-Fricker is the president of Pure Seed and Pure Seed Testing. Crystal earned a B.S. in Crop Production, an M.S. in plant breeding at Oregon State University, and now has over 30 years of turfgrass breeding experience. She has developed or co-developed more than 268 turf and forage grass cultivars and is author or co-author of 148 publications.

Crystal has been an advocate for the turfgrass industry serving on many committees as president, board member, or chairperson. From being awarded an "Outstanding Young Farmer" in 1999 and the "Sixth Most Influential Women in Golf" by Sports Illustrated magazine in 2000, to most recently, the NCCPB Genetics and Plant Breeding Award for Industry (2008), Crystal continues to impress us with her turfgrass variety results and vision of the turfgrass of tomorrow.



### LUCAS SOLIS

*General Manager, Pure Seed*

Lucas Solis is the General Manager of RAS, Inc. | Pure Seed. Over the past 17 years, Lucas has worked with structuring seed blending, packaging, coating, distribution, marketing, and managing domestic and international seed markets. Lucas is on the board of directors for Pure Seed Europe, Forrajes Ecoverde, and the

Turfgrass Water Conservation Alliance where he also advises on the marketing committee.

Lucas has bachelor's degrees in Design and Management from Portland State University where he graduated in the top 10 percent. He was awarded the School of Business' Scholastic Achievement Award and was named as an "Outstanding Business Scholar." He has been an active member of Beta Gamma Sigma International Business Honor Society since 2008. Lucas has also worked on special projects for AOL-Time Warner, Impressions Printing, and Stumptown Coffee.

### JOHN HOLMES

*President, Atlas Turf  
International*

John Holmes, president of Atlas Turf International, has worked in the golf and turf industry for over 25 years. He assists clients around the world with turfgrass needs for golf course and sports field projects. As a leader in the global distribution of turf, John helped to revolutionize the process of washing, packaging, and shipping turfgrasses. Branching into seed distribution, John is now leading the global introduction of the newest seeded seashore paspalum.



John spent eight years in the golf course construction industry. He was responsible for the construction of 19 golf courses designed by some of the industry's top architects. John started his career as a golf course superintendent, and in this role has hosted both PGA Tour and USGA championship events. John graduated from Lake City College in Lake City, Florida with a degree in turfgrass management. He holds leadership roles with the Asian Golf Industry Federation and the Golf Course Builders Association of America. He is a member of Turf Producers International, the Indian Golf Industry Association, and is a past president of the Sea Isle Growers Association.



# Seashore Paspalum: Salinity Challenges, BMP Maintenance, and Greens Speeds is brought to you by the following sponsors



For over 5 decades, **Pure Seed** has been a global leader in researching, developing, producing and bringing to market proprietary turfgrasses. Pure Seed is devoted to releasing turfgrasses that tackle the world's challenges.

Today's turfgrass professionals are faced with more and more challenges. As the world's largest privately held turfgrass research company, Pure Seed's focus goes far beyond turf quality. Understanding the needs of stakeholders is extremely important. Superior turfgrass genetics is the foundation for a successful program as it provides strong, healthy plants that can tolerate the stresses and pressure in which you demand and which provides a foundation of excellence.



**Atlas Turf International Limited** provides turf on a global scale as a worldwide distributor of the highest quality warm and cool season turfgrasses available for golf courses and athletic fields. More than a supplier, Atlas Turf collaborates with clients to provide complete grassing solutions from selection through grow-in.

Extensive experience in the golf industry, knowledge of worldwide distribution channels, relationships with the leading turf experts, and alliances with the world's premier golf associations give Atlas Turf an unparalleled position in the global turfgrass market. Atlas Turf is the global choice for the finest turfgrasses available.



**Polyclean LLC – Turf Division** was established in September 2013 in Dubai, United Arab Emirates. Equipped with a well-experience team backed with solid commercial background for over 14 years in Turf and Golf Industry in UAE and GCC, Polyclean Turf Division aims to provide high quality sustainable and eco-friendly turf specialty products and solutions to golf, turf amenity, sport, and landscape markets across Gulf Countries. Polyclean Turf Division is the exclusive agent for recognized turf product manufacturers with around 50 product lines:

- Atlas Turf International USA
- Pure Seed USA
- Everris Fertilizer Holland
- Growth Products USA
- Profile Products USA
- Agric Science USA
- Calcium Products USA
- Precision Laboratory USA
- Syngenta Turf and Ornamental Professional Products
- Sustane Natural Fertilizer USA
- Simplot Best Fertilizer USA



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## EDUCATIONAL SEMINAR

*This certifies that \_\_\_\_\_  
has successfully completed the course study focused on agronomic and business practices  
associated with the use of Paspalum turfgrass in sports venues conducted by Pure Seed,  
Atlas Turf International, and Polyclean LLC – Turf Division.*

### **PRESENTERS:**

*Dr. Ron Duncan, Crystal Rose-Fricker, Lucas Solis*

**DR. RON R. DUNCAN**

*Founder of Platinum TE*

