

### COMMITTED TO GOLF COURSE SUPERINTENDENTS

For 20 years, Floratine has dedicated its research and resources to supporting the Golf Course Superintendent. We design and test every product specifically for golf courses to help superintendents provide high-performance turf and outstanding playing conditions.

### QUALITY AND CONVENIENCE

Floratine sources only the finest grade ingredients to ensure optimum turf health. Every Floratine product is university tested and field proven at over 6000 golf courses around the world to give you the highest quality products on the market today. With Floratine, there is no guesswork or need for 'home-brewing.' Each product is precisely engineered to offer you convenience and field-proven performance.

### DEDICATED SUPPORT

Floratine knows that your professional reputation and livelihood depend on the turf and playing conditions you provide. That is why we support you and your team with the largest and best-trained global-distribution network in the industry.

 **ONLY FLORATINE HAS SOLUTIONS ROOTED IN SCIENCE FOR YOUR SUCCESS.**

To view the study abstract and summary conclusion by Dr. Tom Watschke, Professor Emeritus, Penn State University, please visit [Floratine.com](http://Floratine.com).



*Rooted in Science*

# FLORATINE TOPS UNIVERSITY TRIALS

## IN PRE-STRESS CONDITIONING FOR AERIFICATION RECOVERY

### SUMMARY RESULTS

Virginia Tech and Purdue University examined pre-stress conditioning for core aerification recovery.

#### Both Studies Concluded That Floratine Had:

- Quickest Recovery
- Best Visual Appearance
- Superior Color Ratings

#### Floratine Scored Highest In:

- Digital Recovery Analysis
- Visual Recovery
- Quantitative Canopy Color
- Visual Quality

### FLORATINE PRODUCTS USED IN TRIALS:

- PER "4" MAX
- POWER 23-0-0
- KNIFE PLUS
- PROTESYN

**" OVERALL, THE FLORATINE PROGRAM PROVIDED THE BEST TURFGRASS COLOR AND QUALITY, PLUS THE FASTEST RECOVERY FOLLOWING A CORING EVENT."**

- Erik H. Ervin, Ph.D., Virginia Tech



**" AMONG ALL TREATMENTS, THE FLORATINE PROGRAM HAD THE HIGHEST RECOVERY VALUES. THE BIO-STIMULANTS ALONE AND THE UNTREATED WERE SLOWEST FOR RECOVERY."**

- Cale A. Bigelow, Ph.D., Purdue University



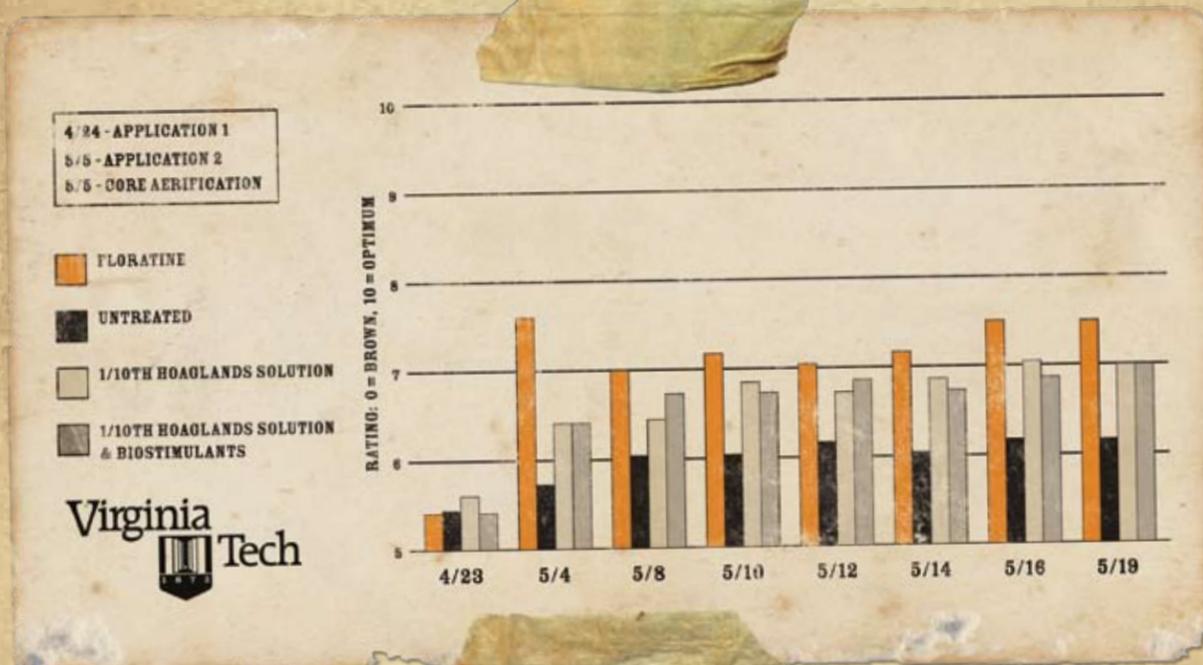
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### AERIFICATION RECOVERY TESTING

Post-aerification conditions are a disappointment for golfers looking for optimal conditions, making life stressful for the superintendent. The sooner the greens are rolling smooth and true and looking good, the happier everyone is. Virginia Tech and Purdue University examined various pre-stress conditioning programs aimed at decreasing the time for playing surface recovery after aerification. The Floratine program came out on top at each of these trials.

### VIRGINIA TECH

Pre-stress conditioning applications using Floratine's Aerification Recovery Program, 1/10th Hoagland's Solution, 1/10th Hoagland's Solution with Biostimulants, and a control were made on April 24 and May 4 prior to core aerification on May 5. Bentgrass quality ratings were taken at the initiation of the trial through two weeks after aerification to measure the turfgrass quality. Floratine was at the top of each rating.

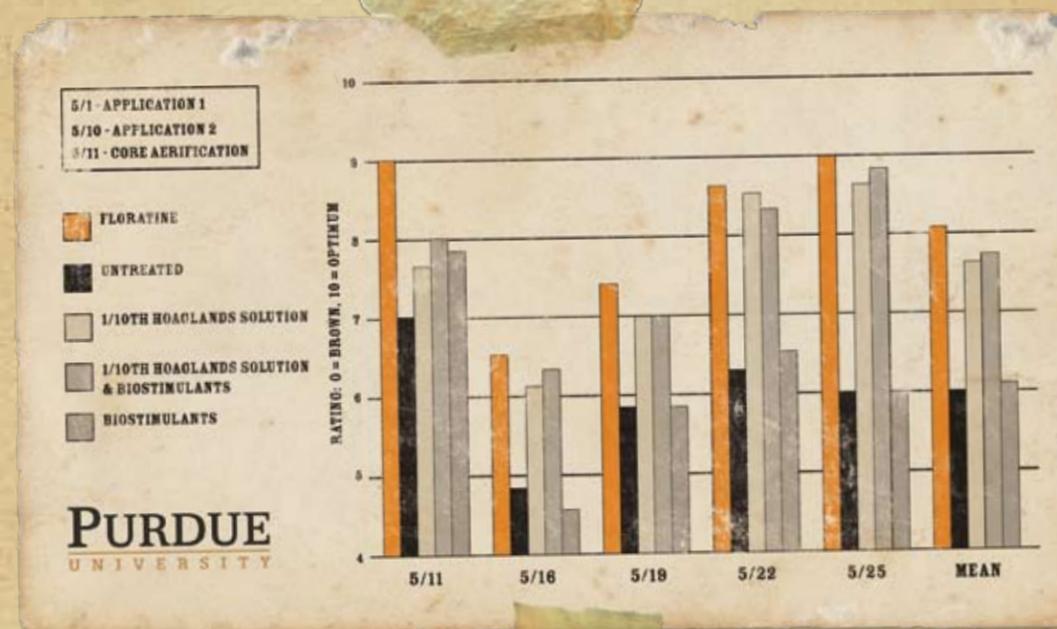


**"TURF QUALITY AT TEN DAYS POST-APPLICATION WAS GREATLY IMPROVED WITH THE FLORATINE APPLICATIONS, WHILE THE OTHER TWO TREATMENTS WERE NOT STATISTICALLY ABOVE THE UNTREATED."**

- Erik H. Ervin, Ph.D., Virginia Tech

### PURDUE UNIVERSITY

Pre-stress conditioning applications using Floratine's Aerification Recovery Program, 1/10th Hoagland's Solution, 1/10th Hoagland's Solution with Biostimulants, Biostimulant only, and a control were made on May 1 and May 10 prior to core aerification on May 11. Bentgrass quality ratings were taken before core aerification through two weeks after aerification to measure the turfgrass quality. Floratine was at the top of each rating.



**"IMMEDIATELY PRIOR TO CULTIVATION, THE MOST VISUALLY APPEALING TURF WAS ASSOCIATED WITH THE FLORATINE PROGRAM WHICH WAS STATISTICALLY BETTER THAN ALL OTHER TREATMENTS."**

- Cale A. Bigelow, Ph.D., Purdue University



Floratine  
5 Days after coring



Untreated  
5 Days after coring

