



## ***Demonstration Trial***

***Royal Melbourne Golf Club***

***Assessment conducted for  
Fulvic Link Pty. Ltd.***

***May 2017***

***Michael Robinson***



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## Fulvic Link Pty. Ltd - Demonstration Trial

- Location:** 19<sup>th</sup> Green, East Course, Royal Melbourne Golf Club, Victoria, Australia
- Turf type:** Bentgrass (*Agrostis sp.*)
- Soil type:** Sand profile
- Treatments:**
1. Fulvic Link AFT10S  
5 applications at 10 L/ha, spread over the first 9 weeks of the trial  
First application made in February 2017
  2. Untreated Control
- Trial Design:** Single plot demonstration trial (no replication)
- Plot Size:** 4m<sup>2</sup> (2m x 2m)
- Management:** Regular watering & maintenance as per normal RMGC program
- Assessment:** Five 50mm diameter cores were taken from each plot on the 11<sup>th</sup> May 2017 (13 weeks after the first application) and the following assessed;
- Average root length (mm)
  - Root health: visual estimate using a 1 to 5 scale  
1 = no root system  
2 = majority brown / black shrivelled roots (>70%)  
3 = mix of brown / black shrivelled & health white roots (50/50)  
4 = majority healthy white roots (>70%)  
5 = good healthy root system
  - Root density: visual estimate of the root mass using a 1 (no roots present) to 5 (very dense mass of roots)
  - Core breaking point: depth to which the core holds together when removed

### Results:

Treatment	Root Length (mm)	Root Density	Root Health	Core Breaking Point (mm)
Fulvic Link AFT10S	179	4.4	4.1	175
Untreated Control	154	3.9	3.7	146
<b>LSD (p&lt;0.05)</b>	<b>21</b> *	<b>0.3</b> *	<b>0.4</b> *	<b>21</b> *

\* signifies that the two treatments are significantly different at  $P = 0.05$

- Comments:** Root length, root density, root health and core breaking point were significantly greater following 5 applications of Fulvic Link AFT10S over 9 weeks compared to the Untreated Control.

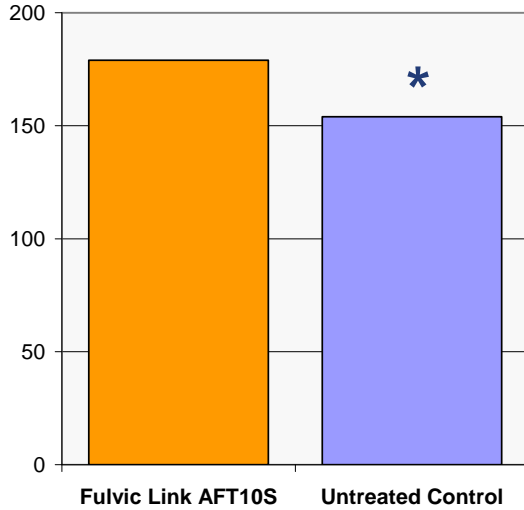
#### Note:

1. This trial was conducted and managed by Fulvic Link Pty. Ltd.
2. SportsTurf Consultants Pty. Ltd. were only involved in assessing the trial

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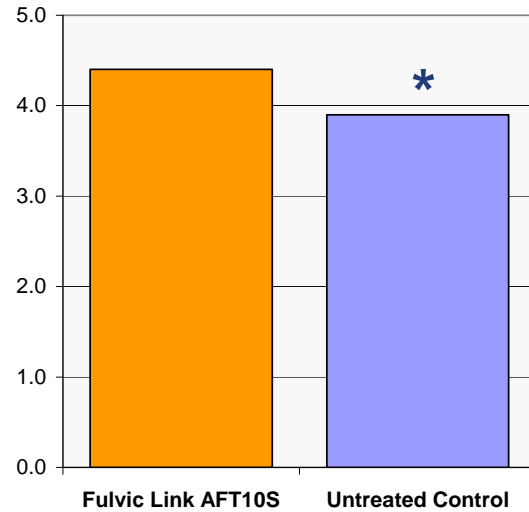
Royal Melbourne Golf Club, 11<sup>th</sup> May 2017 Assessment

### Root Length (mm)



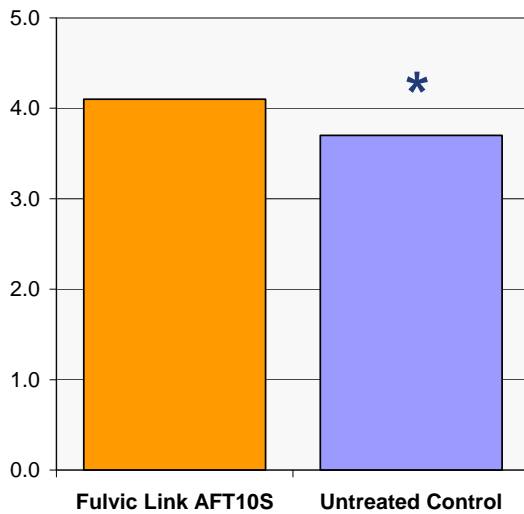
LSD ( $p < 0.05$ ) = 21

### Root Density



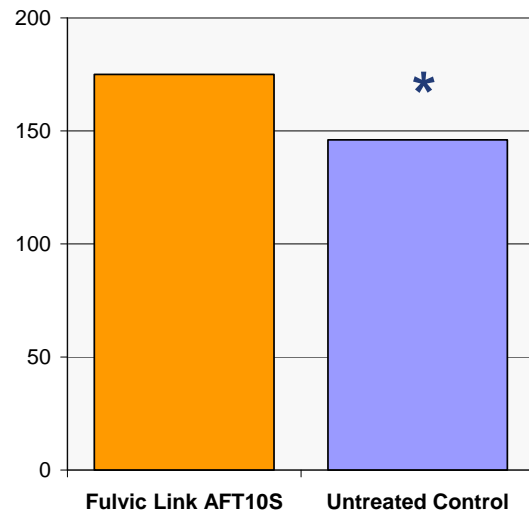
LSD ( $p < 0.05$ ) = 0.3

### Root Health



LSD ( $p < 0.05$ ) = 0.4

### Core Breaking Point (mm)



LSD ( $p < 0.05$ ) = 21

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