

# Greenmaster<sup>®</sup> Pro-Lite<sup>®</sup> Cold Start

## Trial 3



### Introduction

- Objective:** To determine the level of recovery through early season top dressing using various different spring fertilisers
- Duration:** April 2016 – June 2016
- Location:** Harrogate, West Yorkshire
- Field site:** The turf was an established annual meadow grass dominated sward growing on a sand-based rootzone.

#### Heavy dressing



"Heavy" top dressing (2 kg/m<sup>2</sup>) was applied to each plot 6 days after fertiliser application

#### Heavy dressing



**9 DAYS AFTER HEAVY TOP DRESSING**  
"Heavy" top dressing disappeared in Cold Start and Invigorator plots but still affecting liquids and untreated

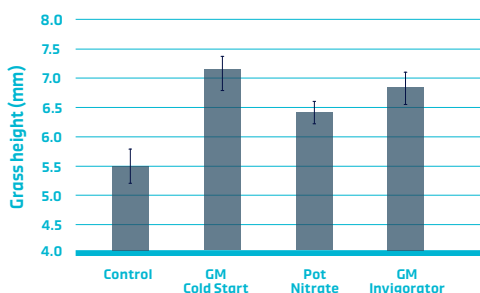
#### Block 2 (heavy dressing)

2	1	4
3	4	3
1	2	5
4	5	1
5	3	2

Treatment No	Product
1	Control
2	Cold Start 11-5-5+8Fe
3	Pot Nit WSF 15-0-43
4	Invigorator 4-0-8+4fe

All treatments applied to supply 33 Kg of N during the course of the trial

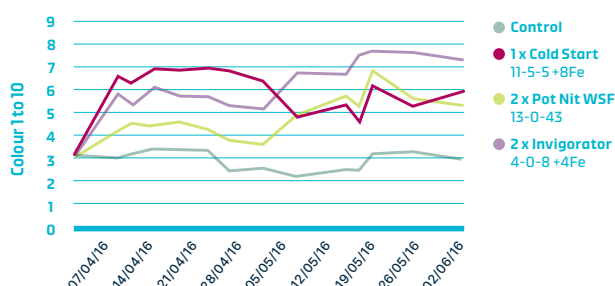
#### Grass height



#### 15 DAYS AFTER TREATMENT

The Cold Start produced a significantly better growth response than the Potassium Nitrate formulation

#### Turf quality



The Cold Start produced the strongest colour response and lasted for the 8 week duration of the trial

### Summary

- The fertiliser treatments all initiated a turf response despite the cold spring conditions
- The amount of Nitrogen was equalised with different application rates and frequency (Cold Start was applied once whilst the others were applied twice)
- The Cold Start and Invigorator plots had recovered through the heavy early season top dressing within 9 days
- The Cold Start initiated significantly more growth than the other fertiliser treatments
- The Potassium Nitrate formulation was found to be the least effective of the fertilisers applied

#### Growth rate



27 DAYS AFTER TREATMENT