

Vitalnova[®] Stressbuster

Macro nutrient

Wetting agent

Micro nutrients

Amino acids

Biostimulants

Iron



Beat turf stress

AICL

Vitalnova®
Stressbuster

Researched, formulated and
produced in-house by **AICL**

Unique liquid formulation designed to **pre-condition** turf against stress

Vitalnova Stressbuster is a specially formulated liquid treatment to help condition turf against stress and also aid recovery from stress.

Macro and micro nutrients

7% Nitrogen for **colour density** and **growth**

Wetting agent

10% Surfactant for efficient **uptake** and **response**

Biostimulants

30% Molasses to **activate soil functioning**

Amino acids

for **foliar uptake** in times of stress

Iron

2% Iron for immediate **colour response**

Part of
Turf
REWARDS

Benefit from better turf

Key points

- ✓ Original formulation
- ✓ Immediate colour-up response
- ✓ Long-lasting results
- ✓ Can be used as part of an integrated turf management plan
- ✓ Ideal tank-mix partner for Ryder

Areas of use

- ★ Greens
- ✓ Tees
- ★ Fairways
- ★ Greens Surrounds
- ★ Greens Collars & Approaches
- ★ Stadia Pitches
- ✓ Sports Pitches
- ★ Outfields
- ✓ Racecourse/Gallops
- ★ Lawns
- ✓ Cricket Table
- ✓ Lawn Tennis

Key ★ Ideal for purpose ✓ Suitable for purpose

Recommended period of use

J F M A M J J A S O N D

Product characteristics

Formulation type:	Liquid
Technology:	Conventional
Analysis:	7-0-0 +2Fe +sugars +wetting agents +amino +TE
Pack size:	10 litre, 200 litre, 1,000 litre
Pack coverage:	2,000–4,000m ² (10 litre pack)
Longevity*:	4 weeks
Typical turf response*:	< 24 hours
Specific gravity:	1.24

* depending on environmental factors

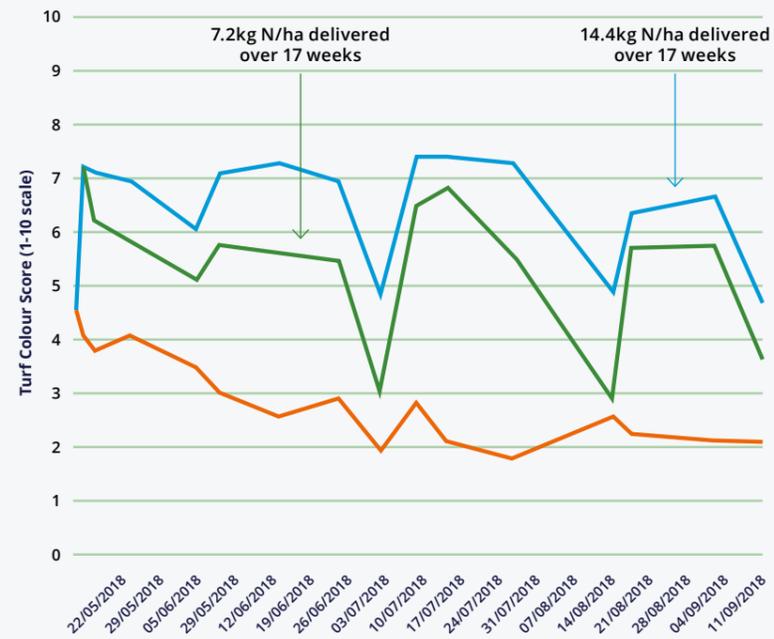
Application information

Application rate:	25–50 L/ha
Water volume:	400–600 L/ha
Frequency:	Monthly



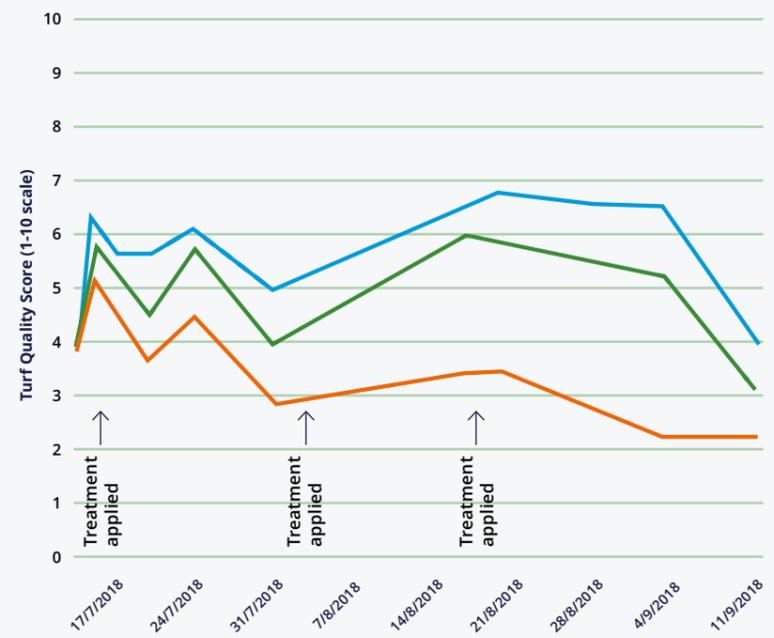
Vitalnova Stressbuster Turf Colour and Turf Quality Trials

Stressbuster Trial - Harrogate Golf Club - Turf Colour Responses



Vitalnova[®] Stressbuster

'The Fortnightly' Trial - Harrogate Golf Club - Turf Quality



— Ryder + Stressbuster + PM + Q
— Ryder + Stressbuster
— Control

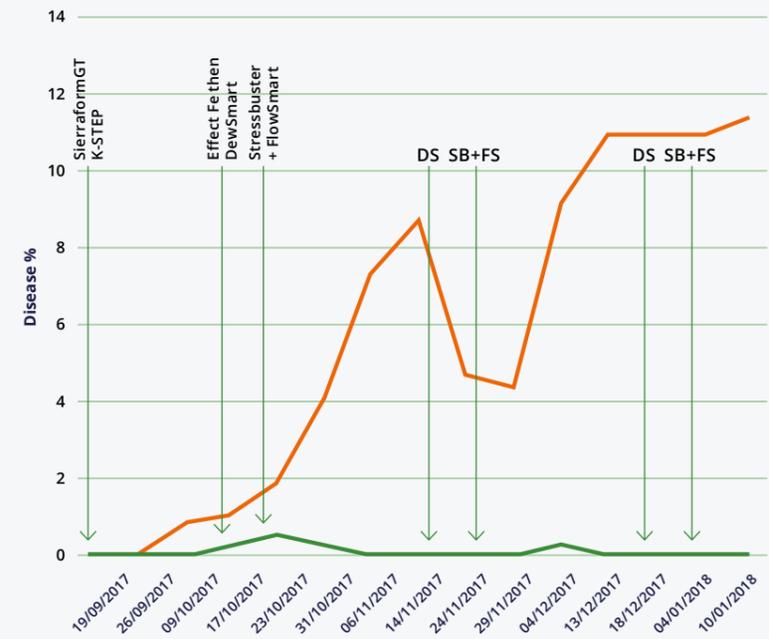
Tank-mix Application Rates

- a. Vitalnova Stressbuster @ 20 L/ha
 - b. Ryder @ 0.5L/ha
 - c. Qualibra @10 L/ha
 - d. Primo Maxx II @ 0.2 L/ha
 - e. Water @ 300-400 L/ha
- Apply every 2 weeks



Vitalnova Stressbuster Disease Reduction Trial

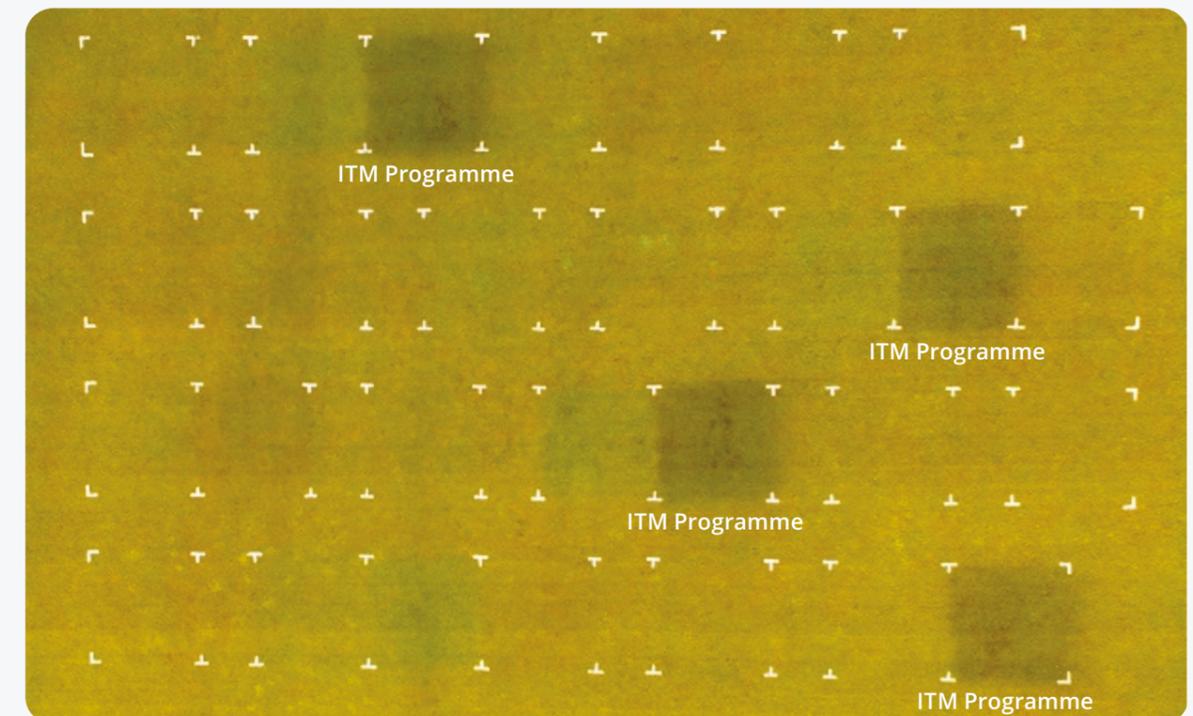
STRI 2017 ITM Trial - Disease Incidence Trends



— Untreated Control
— ITM Programme

Treatments (ITM Programme)

- a. SierraformGT K-STEP @ 30 g/m²
- b. Greenmaster Liquid Effect Iron @ 30 L/ha
- c. H2Pro FlowSmart @ 10 L/ha + Stressbuster @ 30 L/ha
- d. H2Pro DewSmart @ 10 L/ha





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Vitalnova[®]

Range

A range of biostimulants and turf conditioners designed to support integrated turf management strategies.



Where needs take us

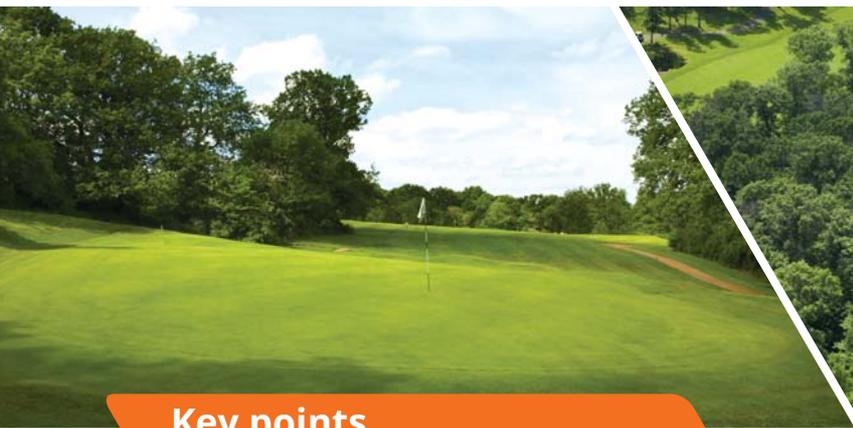


Vitalnova®

Stressbuster

**7-0-0 +2Fe + sugars + wetting agent
+ amino + TE**

Unique liquid formulation designed to pre-condition turf against stress and to help generate quick recovery from stress.



Key points

- Helps condition the turf against stress
- Provides turf boost at any time of year
- Immediate colour-up response

Vitalnova Stressbuster is a specially formulated liquid treatment to help condition turf against stress and also aid recovery from stress.

Stressbuster contains a unique combination of macro and micro nutrients, wetting agents, biostimulants and amino acids. The iron content is specifically included to provide an instant colour response and help guard against biotic stresses.

Product performance

Turf Response: Immediate
Longevity: 3-4 weeks

Product characteristic

Pack Size: 10 Litre and 200 litre
Outer Size: 2 x 10 Litre

Application rate

Application rate: 25 - 50 L/ha
Water Volume: 400 - 600 L/ha
Recommended treatment frequency: Monthly

Recommended period of use

January - December

Areas of use

Lawns, fine turf, sportsfields, golf fairways, amenity turf.

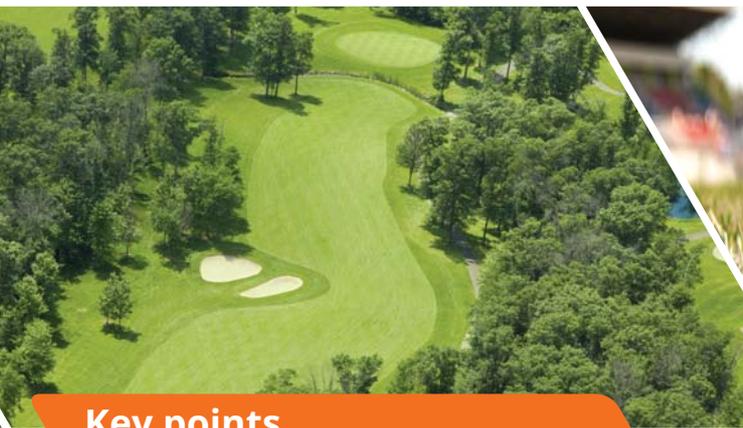


Vitalnova®

AminoBoost

8-0-7 (8-0-5.8) + 10% amino acids

Liquid fertilizer containing Amino Acids designed for foliar feeding in the summer.



Key points

- Ideal for summer foliar feeding
- Allows efficient nitrogen uptake in stressed conditions
- A perfect tank-mix partner for Primo Maxx and other liquid and water soluble products

Designed to enhance turf quality, and support a healthy plant, Vitalnova AminoBoost is an ideal product for the early part of the summer to stimulate growth or to maintain turf quality through periods of plant stress during the summer.

Product performance

Turf Response: Immediate
Longevity: 3-4 weeks

Product characteristic

Pack Size: 10 litre
Outer Size: 2 x 10 Litre

Application rate

Application rate: 10 L/ha
Water Volume: 400 - 600 L/ha
Recommended treatment frequency: Monthly

Recommended period of use

June - September

Areas of use

Fine turf, sportsfields, golf fairways, amenity turf.



Vitalnova®

SILK

0-7-12 (0-3-10) + 6% Si

Potassium silicate formulation designed for leaf and stem cell strengthening.



Key points

- Potassium silicate formulation
- Designed to improve cell strength
- For use as part of an Integrated Turf Management (ITM) approach

Vitalnova SILK is a specially formulated liquid fertilizer containing high levels of potassium silicate.

It has been designed to help increase leaf and stem strength to increase wear tolerance and help produce a cleaner cut. Improved plant cell strength may also provide benefits for an integrated approach to the management of leaf and root pathogens.

Product performance

Turf Response: Immediate
Longevity: 3-4 weeks

Product characteristic

Pack Size: 10 litre
Outer Size: 2 x 10 Litre

Application rate

Application rate: 20 L/ha
Water Volume: 400 - 600 L/ha

Recommended treatment frequency: Monthly

Recommended period of use

January - December

Areas of use

Fine turf, sportsfields, golf fairways, amenity turf.



Vitalnova®

Blade

5-6.5-3.5 (5-2.8-2.9) + carbohydrates + seaweed + TE

A proven biostimulant to boost microbial activity in soil and to encourage rooting.



Key points

- Increases rootmass by up to 40%
- Up to 50% increase in levels of beneficial bacteria
- Stimulates root dwelling microbes to improve nutrient uptake

Vitalnova Blade is a totally unique biostimulant for turf, containing a carefully engineered concentration of carbohydrates (sugars), seaweed and micronutrients.

Product performance

Turf Response: < 24 hours
Longevity: 2-6 weeks

Product characteristic

Type: Liquid
Pack Size: 10 Litre and 200 litre
Outer Size: 2 x 10 Litre

Application rate

Application rate: 25 - 50 L/ha
Water Volume: 400 - 1000 L/ha

Recommended treatment frequency: Monthly

Recommended period of use

April - September

Areas of use

Greens, tees, fairways, sportsfields, amenity.





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