

**Beyond nutrition**  
Now with proactive  
stress resilience



**GREENMASTER® LIQUID**  
ADVANCE



# A breakthrough in liquid nutrition

Turf performance depends on how efficiently the plant can use the resources available to it - light, water, and nutrients. When those conditions change, that efficiency drops, and quality follows.

**Greenmaster Liquid Advance has been developed to help turf maintain that efficiency through stress.**

Each formulation combines proven liquid nutrition with MTU® and pidolic acid. MTU® is an active ingredient, that supports the plant's natural processes and helps it use nutrients more effectively before, during, and after stress. The addition of pidolic acid enhances nitrogen assimilation improving nutrient use efficiency.

Function	Pidolic acid	MTU®	Combined
Increased chlorophyll	•(•)	•••	•••••
Green leaf retention	••	•••	•••••
Nitrogen assimilation	•••	••	•••••
Root development	•	••	•••
Shoot growth	•••	•••	•••••
Oxidative stress reduction		•••	•••
Reduction in abiotic stress	••	•••	•••••

This co-formulation gives turf managers dependable growth, lasting colour, and consistent surface quality, even when the environment becomes challenging.

The result is a liquid fertiliser that delivers more than nutrition alone, it helps turf keep performing when it matters most.



## Key advantages

- ✓ Consistent turf response under stressful conditions
- ✓ Improved nutrient use and reliable colour
- ✓ Stronger recovery and playing quality under pressure

Greenmaster Liquid Advance marks a step forward in liquid feeding technology, bringing together precision nutrition and a proven biostimulant to deliver practical resilience in every application.

Researched, formulated and produced in house by ICL



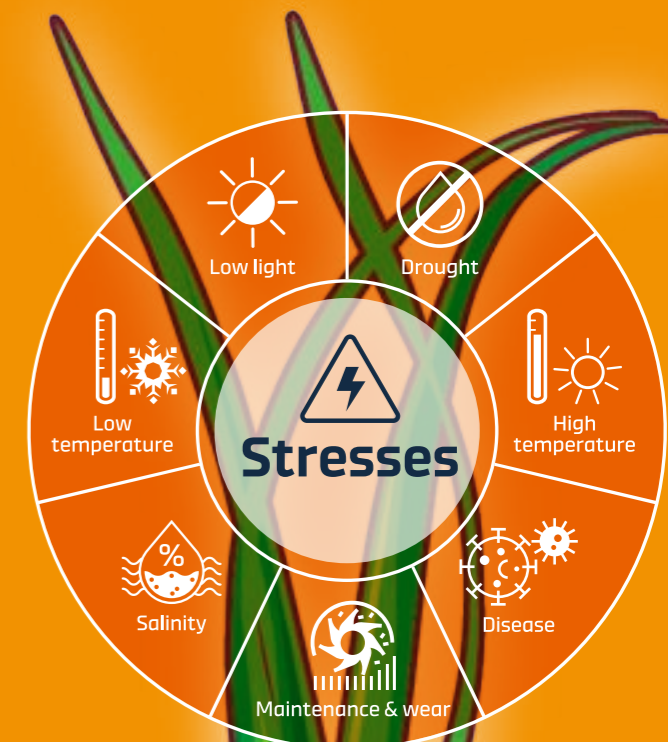
## Changes your turf's response to stress

Stress is inevitable. Drought, heat, low light, and heavy wear all put turf under pressure. What matters most is how the plant responds.

**Greenmaster Liquid Advance with MTU® changes that response.**

By combining balanced nutrition with proven biostimulant active ingredients, it helps the plant stay efficient when conditions start to shift.

Instead of slowing down or wasting energy, the plant continues to use nutrients effectively and maintain key growth processes. This means more consistent colour, better recovery, and fewer visible signs of stress.



## Applied ahead of stressful periods, Greenmaster Liquid Advance helps turf:

- ✓ Keep its metabolism working efficiently through stress
- ✓ Maintain greener, denser surfaces for longer
- ✓ Recover more quickly once conditions improve

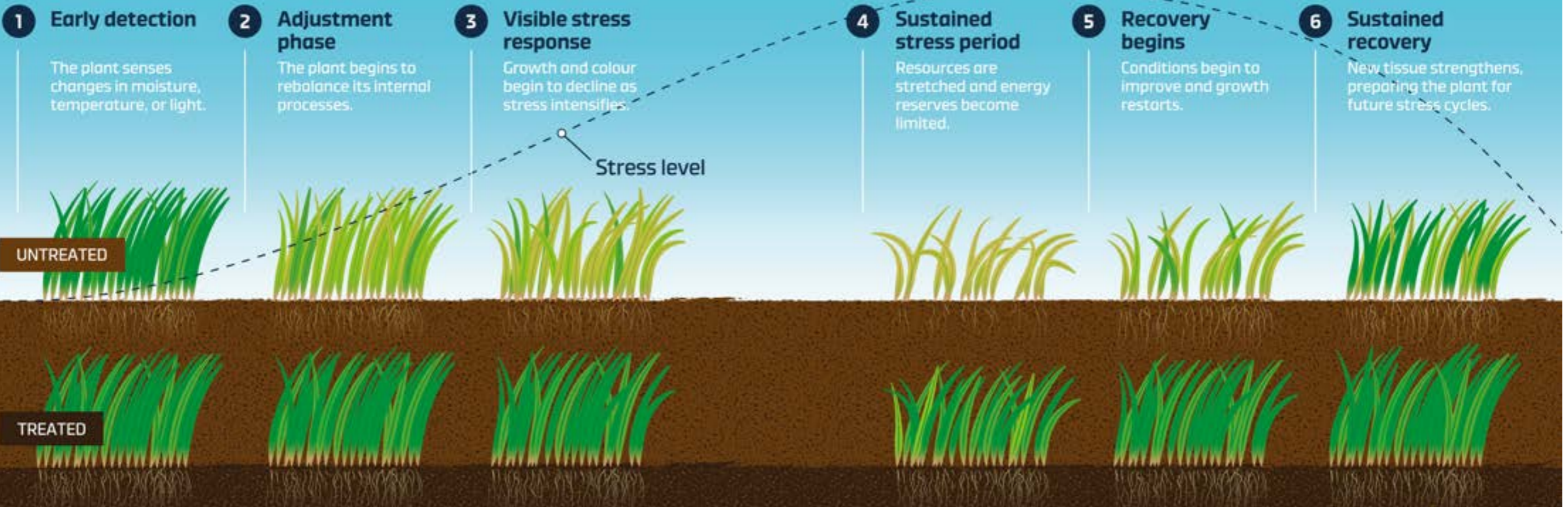
MTU® and pidolic acid work with the plant's nutrition, not against it, to help turf stay productive when performance would normally fall away. It's a smarter way to manage stress by preparing the plant to cope before the pressure arrives.



# The six stages of turf stress

Stress doesn't strike suddenly, it builds over time.

Understanding how turf responds at each stage allows turf managers to intervene earlier and support recovery. Applied preventively, Greenmaster Liquid Advance has nutrition, MTU\* and pidolic acid active within the plant as stress develops, supporting efficiency and resilience across all six stages of turf stress.



## Greenmaster Liquid Advance at work:

**TREATED:** ✓  
Biological functions are supported and prepared to adapt.

**UNTREATED:** Energy diverts from growth as the plant prepares for stress, with no visible change.

**TREATED:** ✓  
Colour remains stronger as energy production is sustained.

**UNTREATED:** Photosynthesis slows as energy is reallocated, and leaves begin to lose colour.

**TREATED:** ✓  
Growth stabilises and turf structure is better maintained.

**UNTREATED:** Energy reserves are depleted, leading to visible loss of colour and vigour.

**TREATED:** ✓  
Density is better maintained with controlled, managed growth.

**UNTREATED:** Restricted energy limits growth, causing thinning, patchiness and reduced density.

**TREATED:** ✓  
Growth resumes more quickly and uniformly.

**UNTREATED:** Growth resumes unevenly due to depleted reserves and reduced metabolic activity.

**TREATED:** ✓  
A stronger recovery base supports improved readiness for future stress.

**UNTREATED:** Recovery remains incomplete, leaving turf weaker and less resilient.

**Beyond nutrition**  
Turf stays efficient and resilient under stress.

**GREENMASTER® LIQUID**  
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# GREENMASTER® LIQUID

## ADVANCE

### Spring & Summer

Complete NPK nutrition for the main growth periods, maintaining balanced growth and supporting turf through stress and recovery stages.

Formulated to keep turf performing consistently through variable growing conditions, replacing nutrients lost in clippings and sustaining colour, density and recovery.

Contains MTU®, a patented biostimulant that supports efficient energy production and nitrogen use under stress. Pidolic acid improves nutrient uptake and stress tolerance, while a full trace element package also enhances colour, recovery and plant health.

#### Key benefits:

- **MTU®** – maintains energy and nitrogen efficiency under stress
- **Balanced NPK** – delivers even growth and turf quality
- **Pidolic acid** – aids nutrient uptake and stress tolerance
- **Trace elements** – improve colour and recovery
- **Steady growth** – avoids surges and maintains surface quality



#### Analysis

14 – 5 – 7 + TE (%w/v)

#### Product performance

**Visible turf response:** within 24 hours (depending on conditions)

**Longevity:** 2–4 weeks (depending on conditions)

#### Product characteristics

**Type:** Liquid

**Pack sizes:** 10L, 200L, 640L & 1000L

**Pack coverage:** 10L = 2,000–5,000m<sup>2</sup>

**Specific gravity:** 1.18 kg/L

#### Application information

**Application rate:** 20–50L/ha

**Water volume:** 300–1,000L/ha

#### Areas of use

Suitable for all turf areas.

#### Recommended period of use

March – August

Product image is for reference purposes only

# GREENMASTER® LIQUID

## ADVANCE

### NK

Balanced nitrogen and potassium for steady growth and resilience during periods of sustained growth or stress.

Delivers steady nutrition to support cell strength, durability and lasting turf quality when growth and environmental pressure are both high.

Contains MTU® to optimise energy flow and nitrogen efficiency under stress. Pidolic acid enhances nutrient uptake and tolerance. A full trace element package also supports colour, health and recovery.

#### Key benefits:

- **MTU®** – maintains energy and nitrogen efficiency under stress
- **Balanced N and K** – supports growth and structural strength
- **Pidolic acid** – improves nutrient uptake and tolerance
- **Trace elements** – enhance colour and recovery after stress
- **Consistent performance** – maintains turf function in variable conditions



#### Analysis

12 – 0 – 12 + TE (%w/v)

#### Product performance

**Visible turf response:** within 24 hours (depending on conditions)

**Longevity:** 2–4 weeks (depending on conditions)

#### Product characteristics

**Type:** Liquid

**Pack sizes:** 10L, 200L, 640L & 1000L

**Pack coverage:** 10L = 2,000–5,000m<sup>2</sup>

**Specific gravity:** 1.24 kg/L

#### Application information

**Application rate:** 20–50L/ha

**Water volume:** 300–1,000L/ha

#### Areas of use

Suitable for all turf areas.

#### Recommended period of use

April – September

Product image is for reference purposes only

# GREENMASTER® LIQUID

## ADVANCE

### High N

High nitrogen for a quick response, steady growth and strong colour during peak demand.

Combines a quick visual response with sustained nutrition to support growth, recovery and performance through high-demand periods.

Incorporates MTU® to maintain nitrogen efficiency and energy balance under stress. Pidolic acid supports nutrient uptake, while magnesium and trace elements boost colour, health and recovery.



#### Key benefits:

- **MTU®** – maintains energy and nitrogen efficiency under stress
- **High nitrogen** – drives rapid response and sustained feeding
- **Pidolic acid** – aids nutrient uptake and stress tolerance
- **Magnesium and trace elements** – improve colour and recovery
- **Versatile use** – ideal for boosting nitrogen levels within liquid programmes



#### Analysis

32 – 0 – 0 + 2.6 MgO + TE (%w/v)

#### Product performance

**Visible turf response:** within 24 hours (depending on conditions)

**Longevity:** 2–4 weeks (depending on conditions)

#### Product characteristics

**Type:** Liquid

**Pack sizes:** 10L, 200L, 640L & 1000L

**Pack coverage:** 10L = 2,000–5,000m<sup>2</sup>

**Specific gravity:** 1.31 kg/L

#### Application information

**Application rate:** 20–50L/ha

**Water volume:** 300–1,000L/ha

#### Areas of use

Suitable for all turf areas.

#### Recommended period of use

March – August

Product image is for reference purposes only

# GREENMASTER® LIQUID

## ADVANCE

### Cal-Mag

Nitrogen with added calcium and magnesium to strengthen turf structure, improve colour and enhance stress resilience.

Delivers available calcium and magnesium to improve colour and stress tolerance, particularly on sand-based rootzones where these nutrients are often limited.

Contains MTU®, a patented biostimulant that supports efficient energy production and nitrogen use under stress. Pidolic acid supports nutrient uptake and resilience, while calcium and magnesium strengthen and green the turf.



#### Key benefits:

- **MTU®** – maintains energy and nitrogen efficiency under stress
- **Nitrate based** - nitrogen for feeding in cool conditions and to deliver a fast response
- **Calcium** – reinforces cell walls and turf structure
- **Magnesium** – boosts colour and chlorophyll production
- **Pidolic acid** – supports nutrient uptake and tolerance
- **Rapid improvement** – raises presentation quality, especially on sand-based rootzones



#### Analysis

11 – 0 – 0 + 14 CaO + 3.5 MgO (%w/v)

#### Product performance

**Visible turf response:** within 24 hours (depending on conditions)

**Longevity:** 2–4 weeks (depending on conditions)

#### Product characteristics

**Type:** Liquid

**Pack sizes:** 10L, 200L, 640L & 1000L

**Pack coverage:** 10L = 2,000–5,000m<sup>2</sup>

**Specific gravity:** 1.40 kg/L

#### Application information

**Application rate:** 20–50L/ha

**Water volume:** 300–1,000L/ha

#### Areas of use

Suitable for all turf areas.

#### Recommended period of use

January – December

Product image is for reference purposes only

# GREENMASTER® LIQUID

ADVANCE

## High K

High potassium formulation for use ahead of stressful conditions, building strength and efficiency before pressure develops.

Enhances turf strength and rooting ahead of stress, helping maintain consistent performance through challenging conditions.

Contains MTU® to support energy flow and nitrogen efficiency during stress. Pidolic acid enhances nutrient uptake, with trace elements improving colour, health and recovery.



### Key benefits:

- **MTU®** – maintains energy and nitrogen efficiency under stress
- **High potassium** – builds strength and stress tolerance
- **Low nitrogen** – promotes steady growth and rooting
- **Pidolic acid** – enhances nutrient uptake and stress tolerance
- **Trace elements** – support colour and post-stress recovery



### Analysis

7 - 0 - 28 + TE (%w/v)

\*New High K formulation for Greenmaster Liquid Advance

### Product performance

**Visible turf response:** within 24 hours (depending on conditions)

**Longevity:** 2-4 weeks (depending on conditions)

### Product characteristics

**Type:** Liquid

**Pack sizes:** 10L, 200L, 640L & 1000L

**Pack coverage:** 10L = 2,000-5,000m<sup>2</sup>

**Specific gravity:** 1.40 kg/L

### Application information

**Application rate:** 20-50L/ha

**Water volume:** 300-1,000L/ha

### Areas of use

Suitable for all turf areas.

### Recommended period of use

May – November

## TANK-MIX COMPATIBILITY

### GREENMASTER LIQUID ADVANCE

Water - 200L/ha

PRODUCT	kg/L per Ha	SPRING & SUMMER	NK	HIGH N	CAL-MAG	HIGH K
		50L	50L	50L	50L	50L
Greenmaster Liquid Advance Spring & Summer	50L		✓	⌚	⊗	✓
Greenmaster Liquid Advance NK	50L	✓		✓	⌚	✓
Greenmaster Liquid Advance High N	50L	⌚	✓		✓	✓
Greenmaster Liquid Advance Cal-Mag	50L	⊗	⌚	✓		⊗
Greenmaster Liquid Advance High K	50L	✓	✓	✓	⊗	
Greenmaster Effect Iron Effect	30L	⌚	✓	✓	⊗	✓
STEP Liquid	40L	✓	✓	✓	✓	✓
Sportsmaster WSF High N	30L	⌚	⌚	⌚	⌚	✓
Sportsmaster WSF Spring and Summer	30L	⌚	⌚	⌚	⊗	✓
Sportsmaster WSF High K	40L	⊗	⊗	⌚	⊗	⊗
Sportsmaster WSF Iron	30L	⌚	✓	⌚	⊗	✓
Sportsmaster WSF SMX	1kg	✓	✓	⊗	⊗	✓
Sportsmaster WSF SMX 20-0-0	20kg	⊗	⊗	⊗	⌚	⊗
H2Pro TriSmart	25L	✓	✓	✓	✓	✓
H2Pro FlowSmart	10L	✓	✓	✓	✓	✓
H2Pro AquaSmart	10L	✓	✓	✓	✓	✓
Vitalnova Blade	40L	✓	✓	✓	✓	✓
Vitalnova Stressbuster	40L	✓	✓	✓	⌚	✓
Vitalnova AminoBoost	20L	✓	✓	✓	⌚	✓
Vitalnova SMX	10L	✓	✓	✓	✓	✓
Vitalnova Silk	20L	⊗	⊗	⊗	⊗	⊗
Vitalnova Links	30L	✓	✓	✓	⌚	✓
Qualibra	20L	✓	✓	✓	✓	✓
Primo Maxx II	2L	⌚	✓	✓	✓	✓
Instrata Elite	3L	✓	⌚	⊗	✓	⊗
Medallion TL	3L	⌚	⌚	⌚	⌚	⊗
Ascernity	3L	✓	✓	✓	✓	✓
Praxys	2L	✓	✓	✓	✓	⌚
Overtake	2L	✓	✓	✓	✓	✓
Esteron T	1.2L	✓	✓	⌚	✓	✓
Celadon	2L	✓	✓	✓	✓	⌚

**Key:** ✓ Compatible    ⊗ Non-compatible    ⌚ Compatible use immediately    ⌚ Constant agitation



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