



# FIATA

## + Stressgard®

### Biostimulant

**A biostimulant booster of plant defense mechanisms that promotes plant health and performance under biotic and abiotic stress incorporating turf specific pigments**

Fiata StressGard® is a biostimulant containing Mono- and di-potassium salts of phosphorous acid 25,85% for boosting plant defence mechanisms and prevention or alleviation of stress from solar radiation and other oxidative processes.

**READ ALL INSTRUCTIONS CAREFULLY BEFORE USE.**



**WARNING**

**Fiata StressGard®**

Contains mono- and di-potassium salts of phosphorous acid 25,85% and formic acid.

**H332 Harmful if inhaled**

**Use only outdoors or in a well-ventilated area.**

**IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor/ physician if you feel unwell.**

To avoid risks to human health and the environment, comply with the instructions for use.

**Contents**

# 9.46 L

Further information is available from: 00800 1214 9451  
For 24 hour emergency information contact : +44 20 3807 3798

Holder in Great Britain :

2022 Environmental Science FR SAS  
Milton Hall, Ely Rd, Milton, Cambridge CB24 6WZ

[www.uk.envu.com](http://www.uk.envu.com)

Batch number : see on the pack

DPM00000440A - **ARTICLE D00000876**

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## SAFETY PRECAUTIONS

### Application, Storage and Disposal

#### APPLICATION :

As part of good practice, the operator should wear appropriate clothing:

- when handling the product with coveralls, eye protection, face protection and protective gloves, - during handling of concentrated product: respiratory protection.

Do not contaminate water, food, or feed by storage or disposal.

KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDINGSTUFFS.

KEEP OUT OF REACH OF CHILDREN

#### STORAGE:

Keep this product in containers stored upright and secured with the original closure. Do not store this product near heat sources.

#### DISPOSAL:

Dispose of contents/container in accordance with local/regional/national/international regulations.

#### CONTAINER HANDLING:

KEEP IN ORIGINAL CONTAINER tightly closed in a safe place.

DO NOT RE-USE CONTAINER for any purpose.

WASH OUT CONTAINER THOROUGHLY, empty washings into spray tank and dispose of safely.

**Fiata StressGard®**, when applied at the prescribed rates and intervals, promotes overall plant and root health. A property of **Fiata StressGard®** is to act as an inducer of systemic resistance in plants resulting in production of plant metabolites responsible for improving natural plant processes and plant fitness. For best results, **Fiata StressGard®** should be used as part of an integrated management plan that promotes plant health and performance.

Cool-season turf grasses are prone to damage during summer heat and decline leading to reduced quality and root mass in the summer months. Turf treated with **Fiata StressGard®** retains turf quality through summer stress by alleviating plant stresses, enhancing plant fitness through induced system resistance, and protecting the plant from the adverse effects of solar radiation, optimising photosynthesis potential. StressGard® formulation turf specific pigments also enhance turf colour and appearance, delivering turf with more uniformity and a long-lasting, natural dark green colour.

#### APPLICATION:

**Fiata StressGard®** must be applied as a foliar spray. Begin preventative applications prior to the onset of turf stress or when colour improvement is required.

If mowing on date of spraying, apply after mowing.

Apply **Fiata StressGard®** with sufficient water volumes for adequate coverage of foliage, according to the turf growth stage.

Use	Application method	Rate	Application program
Turfgrass	Foliar spray	10 – 20 L / HA	Apply approved amount in 200-500 L of water per ha. Thoroughly wet the foliage. Apply at 14 to 28 day intervals as needed. Do not mow or irrigate treated area until sprays have completely dried.
DROUGHT TOLERANCE A Irrigation reduction of 20 to 50% or during periods of low rainfall for up to 4 to 9 weeks	Foliar spray	10 – 20 L / HA	Apply approved amount in 200-500 L of water per ha. Thoroughly wet the foliage. Apply at 14 to 28 day intervals as needed to fairway or lawn height cut turf. Do not mow or irrigate treated area until sprays have completely dried.

### MIXING INSTRUCTIONS

1. Fill the spray tank with 1/4 - 1/2 of the required volume of water before the product.
2. Add **Fiata StressGard®** slowly to the tank and agitate by hydraulic or mechanical means.
3. Continue to fill the tank with water to the desired volume while agitating.
4. Continue agitation when applying.

### STAINING PRECAUTION

This product may cause staining. Avoid off-target sites such as sidewalks, patios, driveways, pavers, or similar materials. Do not enter treated areas until spray has dried. Rinse spray equipment thoroughly with warm water and detergent.

**Fiata StressGard®** is safe to tank mix and apply with growth regulator and has been shown to improve the safety of these products.

**Fiata StressGard®** is a biostimulant for boosting plant defense mechanisms, turf performance and prevention or alleviation of stress from solar radiation and other oxidative processes, on turfgrasses on, golf courses, sport fields, bowling greens, parks, residential, turf farms and commercial sites.

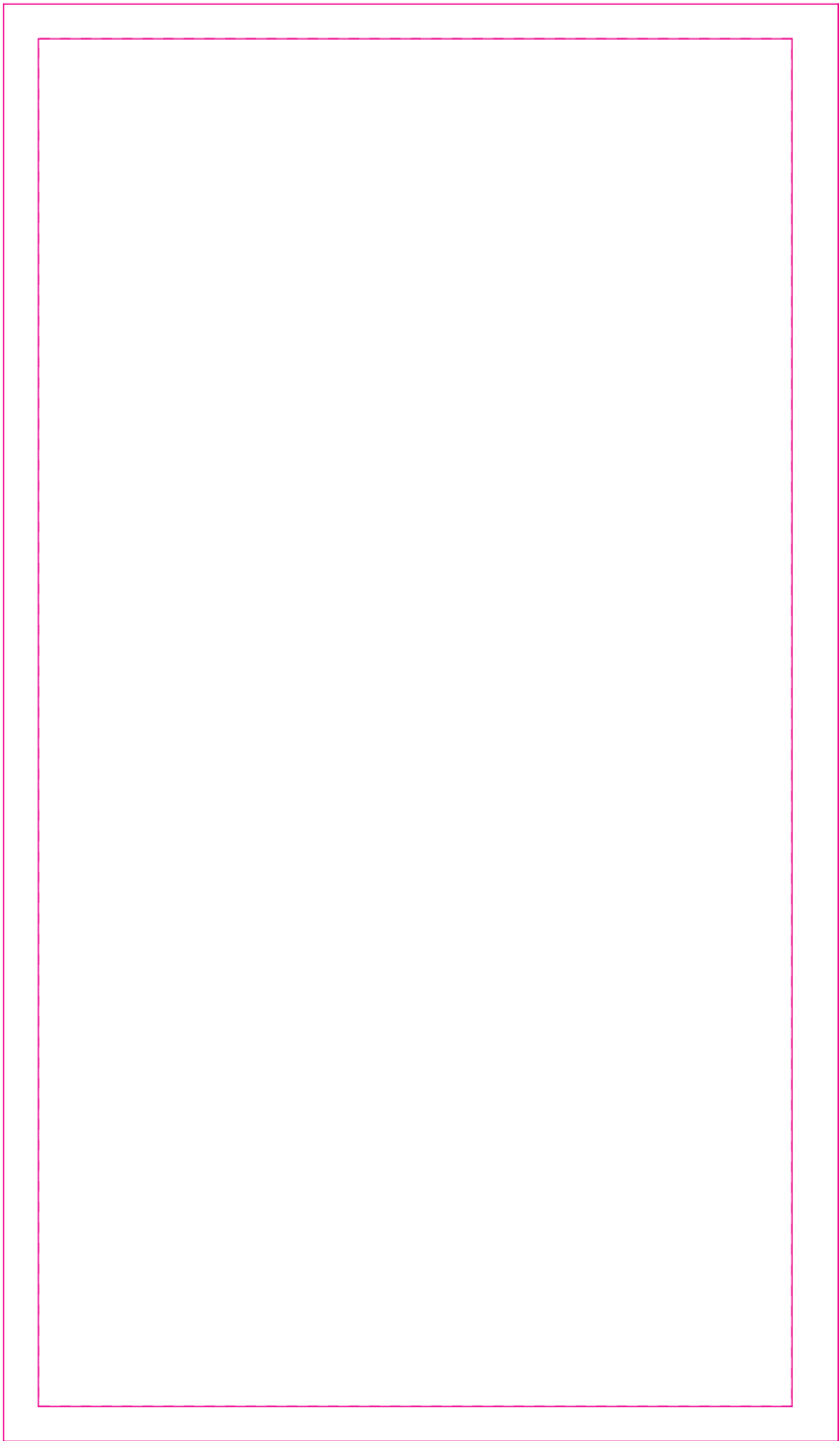
**Fiata StressGard®** does not replace the use of soil amending adjuvants for soil hydrophobicity and should be used in conjunction with best turf management practices. Begin preventative applications prior to the occurrence of stressful turf conditions and repeat at prescribed intervals. Use higher rates under severe drought conditions or irrigation reduction.

### COMPATIBILITY:

**Fiata StressGard®** is compatible with most products used on turf; however, turfgrass sensitivity to these mixtures may vary. In particular, certain foliar fertilisers and copper products may not be compatible with **Fiata StressGard®** and the combined use may cause phytotoxicity to certain plants. If these combinations or others have not been used before, do not tank mix without first testing the mixture's compatibility nor apply it without assessing its safety to the turfgrass (phytotoxicity).

To determine the compatibility of **Fiata StressGard®** with other products, use a jar compatibility test. Add the correct proportions of each product and the appropriate quantity of water to clean container, thoroughly mix, then let stand for 3 - 5 minutes. If the mixture remains in solution or can be remixed readily, the products are considered compatible. To determine if a combination is phytotoxic to a specific turf, spray a small area and then evaluate 3 - 7 days later for visual effects.

The total number of pages must be divisible by four (4).  
The maximum number of pages is twenty-four (24).





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