

Microdochium patch

FP6

Curative and preventative
Systemic and contact action



agrovista
amenity

Having undergone extensive independent trials, **Instrata Elite** in the FP6 demonstrated strong suppressive and curative effects with respect to Microdochium patch, when supported with **GoGreen Plus** for growth, recovery and presentation.

This was achieved under optimal conditions for disease and trial results exceeded the performance of our original FP6 fungicide package.

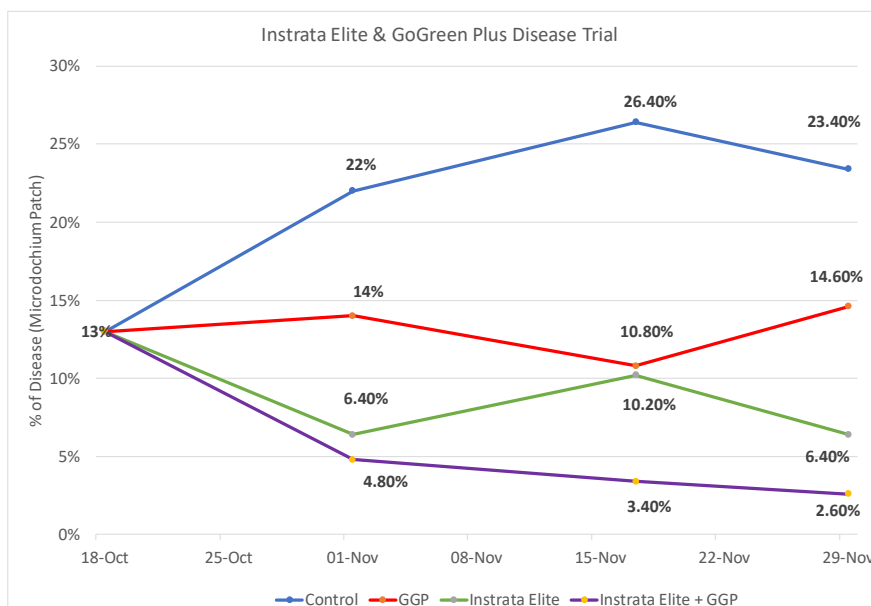
Microdochium patch

Microdochium patch is the most common and widespread disease in managed amenity turf in the UK, it can be exceptionally damaging. Microdochium patch affects over 98% of golf courses and bowling greens.

When the disease is very active or when the grass growth is slow or at a standstill, it is essential that immediate steps are taken to control the outbreak by careful use of an appropriate fungicide.

Independent trials

We carried out in-depth independent trials at STRI, utilising the disease fighting dual systemic and contact activity of Instrata Elite, tank-mixed with GoGreen Plus a versatile and complexed iron. The results of the FP6 trial can be seen in the graph below.



Application - 18th October

FP6 key information

Disease controlled
Microdochium patch (Fusarium patch)

Activity
Curative and preventative

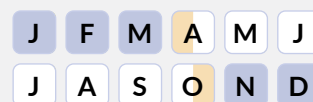
Action
Systemic and contact

Quantity and products
1 x 3 litre Instrata Elite
4 x 5 litre GoGreen Plus

Application rates
3l/ha Instrata Elite
20l/ha GoGreen Plus

Water volume
400-500l/ha

Timings



■ Main application period
■ Extended application period

Coverage
1 hectare

Tank-mixing procedure

Half fill the spray tank with water. Under constant agitation add the required quantity of Instrata Elite followed by the required quantity of GoGreen Plus. Top up the tank with the remaining quantity of water.



Tank-mixing overview

Mixing two or more products in the spray tank can be carried out to reduce the potential for disease resistance development. Certain tank-mixes can also improve the quality of the turf and reduce the time taken for the turf to recover from disease attack.

Fungicides are selected with different modes of action so that the resulting mixture will attack the target disease on two or more fronts. This makes it more difficult for the pathogen to develop resistance to the treatment.

Tank-mixing when referring to a distributor or contractor backed tank-mix recommendation is perfectly legal provided all the label requirements are followed for the tank-mix constituents and partner products.

If a manufacturer or approval holder wishes to claim enhanced activity or biological compatibility from a specific tank mix, this must be demonstrated to regulatory bodies to be allowed to be part of the label claims. This is not required when referring to a distributor or contractor backed tank-mix that does not feature on the product label.

There are two different types of 'tank-mix':

- i) Convenience tank-mixes - The combination by the user of two or more pesticides in the same spray tank to reduce the number of spray operations. A convenience tank-mix can also occur when a product label recommends, in a 'Compatibility' section, that the product can be mixed with another product. Such tank-mixes must be shown to be physically and biologically compatible. The compatibility section of the label may also advise on tank-mixes which are known to be incompatible or on specific mixing instructions to be used with compatible mixes.
- ii) Positive tank-mixes - The combination by the user of two or more pesticides in the same spray tank to obtain better pest control than if the products were applied alone. A positive tank-mix occurs when a product label recommends a mixture to give an enhanced effect when the tank-mix is used (eg. to control additional pests or to reduce the application rate of one or more of the products).

We are dealing with Convenience tank-mixes.

In this case there is no need to prove that the tank-mix will have any positive benefits. All that is required is to ensure that the components are both physically and biologically compatible. To use a product at below the recommended rate is perfectly legal. However, to stay within the regulations, users must not exceed the maximum dose rate that is specified on the product label.

FP6 consists of:

Instrata Elite

Instrata Elite combines the new active ingredient, difenoconazole, with the outstanding performance of fludioxonil. Together, the complementary actives target different stages of disease life cycles for flexible application timing and reliable results.

The fast two-way action of Instrata Elite can be used all year around. However, fitting into a proactive fungicide programme, to protect turf quality, the unique properties of Instrata Elite perfectly match the demands for disease control from mid to late autumn through to early spring.



GoGreen Plus

GoGreen Plus is a versatile, complexed iron that gives that gives extended green-up whilst correcting iron deficiency and will harden turf against the onset of disease.

The unique formulation regulates the release of iron over a longer period to give a sustained effect without the blackening some irons can cause.



Key points:

- Rapid action
- Excellent longevity
- Can be used all year round
- Hardens grass against disease

Read the label and product information before use. Use pesticides safely. Instrata Elite is a registered trademark of Syngenta.

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