

# The NEXT Generation of Excellent Snow Mould Protection



## Contact and Systemic Action

Instrata® II combines the forces of two powerful active ingredients, Solatenol® and fludioxonil, to deliver winter long snow mould protection.

**Solatenol®** is a third generation SDHI fungicide that inhibits fungal spore germination and works by stopping fungal germ tube penetration into the leaf. It assimilates into the plants via translaminar movement, strongly binding to the plant's cuticular wax, and slowly penetrating into the tissue. Solatenol® also exhibits upward movement within grass plants, giving protection from snow mould from the inside out throughout the winter season.

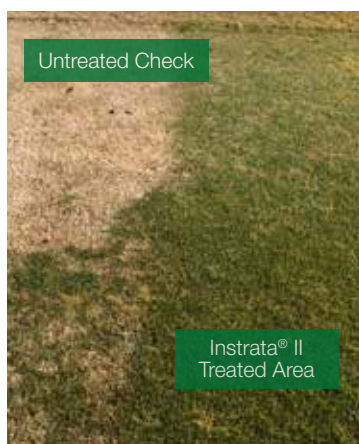
Solatenol® in Instrata® II provides the ability for Superintendents to change up the chemical families in keeping with strategies to avoid fungicide resistance.

**Fludioxonil** is a protectant, contact fungicide which in effect, inhibits fungal spore germination and stops mycelial growth. It is the same active ingredient contained in Medallion® fungicide, which has consistently achieved the highest rating for Microdochium patch control in the Chemical Control of Turfgrass Diseases Report 2020\*, as a stand-alone product.

\*Paul Vincelli, Department of Plant Pathology, University of Kentucky; Bruce Clarke, Department of Plant Biology, Rutgers University; Gregg Munshaw, Department of Plant and Soil Sciences, University of Kentucky



Nicklaus North, Whistler BC, 2018



Coyote Creek, Sundre AB, 2018



Spring Lakes, Whitchurch-Stouffville ON, 2020

For more information, call our Customer Interaction Centre at 1-87-SYNGENTA (1-877-964-3682), visit [Greencast.ca](http://Greencast.ca) or follow @SyngentaTurfCA on Twitter.

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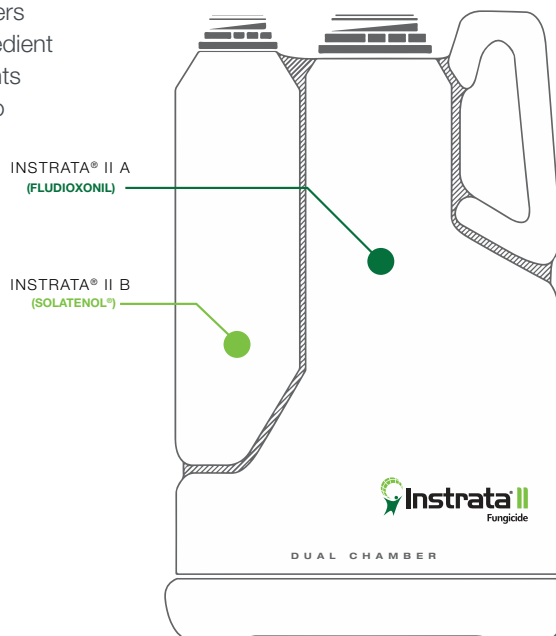
## Rainfastness

Instrata® II was engineered with trusted WeatherStik® technology to optimize performance. Trials have shown that these innovative formulations of fludioxonil and Solatenol® ensures that the fungicides bond onto the leaf wax layer, making them rainfast within one hour. Tight binding to the leaf ensures that they won't be washed off by rainfall and will continue to provide long-lasting results over the winter months.

## Lowest Active Ingredient

Combining the powerful forces of Solatenol® and fludioxonil, Instrata® II delivers 825 grams of active ingredient per hectare, the lowest amount of active ingredient (ai) load of any snow mould fungicide available on the market. Superintendents can achieve reduced environmental loading without compromising efficacy to ensure that their golf courses come out clean in the spring.

Fungicide	Product rate/100m <sup>2</sup>	Grams ai/100m <sup>2</sup>
Instrata® II A (FLUDIOXONIL)	60 mL	7.5
Instrata® II B (SOLATENOL®)	7.5 mL	0.75
Total	67.5 mL	8.25



## Unique Packaging and Ease of Use

Instrata® II is packed in a dual chambered jug. The low use rate makes triple rinsing easy and ensures quick and easy clean up and disposal.

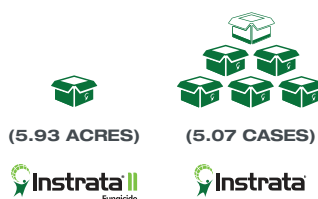
## Case Coverage

One case of Instrata® II covers approximately 6 acres. That's 5 times the coverage of the first Instrata formulation meaning very quick and efficient applications.

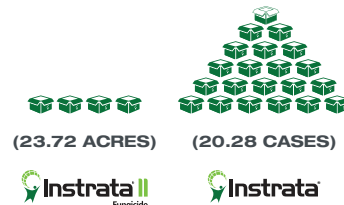
## Snow Mould Protection on Greens

Under conditions of high disease pressure also include Banner Maxx®, Heritage Maxx™ or Posterity® in the tank mix.

### NUMBER OF CASES REQUIRED TO TREAT GREENS, TEE AND SURROUNDS



### NUMBER OF CASES REQUIRED TO TREAT 24 ACRES OF FAIRWAYS



Active Ingredient	Formulation Type	FRAC Group	Case Size	Case Coverage	Nozzle Selection
Fludioxonil	Suspension Concentrate	12	2 x (7.2L + 0.9L) (dual chamber)	2.4 ha (5.93 acres)	AI including; Syngenta XC 04 Syngenta XC 08 XR
Solatenol®	Emulsifiable concentrate	7			

To learn more about Instrata® II, please visit

[greencast.ca](http://greencast.ca)