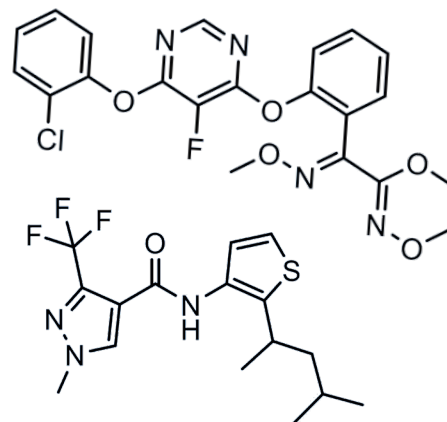




# Polaro<sup>TM</sup> SC

## Developed for Winters in Canada

**Polaro SC** is a distinctive 2-way snow mould combination designed and proven to withstand our Canadian winters. In over 100 trial locations across Canadian golf courses and at the University of Wisconsin-Madison, **Polaro SC** has proven to be a dependable snow mould control option providing exceptional results.



### Active Ingredients

Fluoxastrobin & Penthiopyrad

### Fungicide Group

Group 11 & 7

### Formulation

480 g/L SC & 210 g/L SC

### Phytomobility

Acropetal & translaminar  
(both actives)

### Package Size

Polaro<sup>A</sup> - 2 x 1.4 L

Polaro<sup>B</sup> - 2 x 6.2 L



**Extensively researched**

**Dual mode of action**

**Highly systemic**

**Flexible pack size**

[www.belchimturf.ca](http://www.belchimturf.ca)

Grover 647 225 8035 paul.grotier@belchim.com  
 BJ 416 457 7785 billyjoe.carey@belchim.com  
 Big Bear 519 820 8929 barry.johnson@belchim.com



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## A Combination for Success

**Polaro SC** combines the strengths of two powerful active ingredients, fluoxastrobin and penthiopyrad, to deliver a fast-acting, long-lasting, and reliable snow mould solution.

- Fluoxastrobin, the active ingredient in **Polaro<sup>A</sup>** moves through the xylem and is specifically engineered to provide quick plant uptake and even distribution within the plant. Two valuable attributes when making applications in unpredictable weather.
- The addition of Penthiopyrad, the active ingredient in **Polaro<sup>B</sup> SC** offers a second mode of action with strong xylem and translaminar mobility to double up plant protection that can't be washed off once inside the plant. The new suspension concentrate formulation in **Polaro<sup>B</sup> SC** offers odorless, convenient, and effective control of snow mould.

### What's in the Box?



**Polaro<sup>A</sup> – 2 x 1.4 L**

**Polaro<sup>B</sup> SC – 2 x 6.2 L**

The result: a snow mould solution in **Polaro SC** that provides fast-acting, long-lasting, and reliable control of snow mould to protect your turf throughout the winter, no matter what challenges Mother Nature throws your way.

### Application Information

Pest Controlled	Product Combination	Labeled Rate (/100 m <sup>2</sup> )	Water Volume (/100 m <sup>2</sup> )
Pink & Grey Snow Mould	<b>Polaro<sup>A</sup></b>	11.5 ml	4 – 8 L
	<b>Polaro<sup>B</sup> SC</b>	50.7 ml	

### Simple Tank Mix Procedure

- Add ½ the required amount of water
- Add **Polaro<sup>A</sup>** to the tank with agitation
- Followed by addition of **Polaro<sup>B</sup> SC**
- Add remainder of water

### Application Timing

- Apply in late fall before permanent snow cover
- Do not apply on top of snow
- Apply once per season

### Case Coverage

Quantity	Acres	Hectares
Half case 1 jug <b>Polaro<sup>A</sup></b> + 1 jug <b>Polaro<sup>B</sup> SC</b>	3 ac	1.21
Full case	6 ac	2.43

Always read and follow label instructions.

 **Polaro SC**

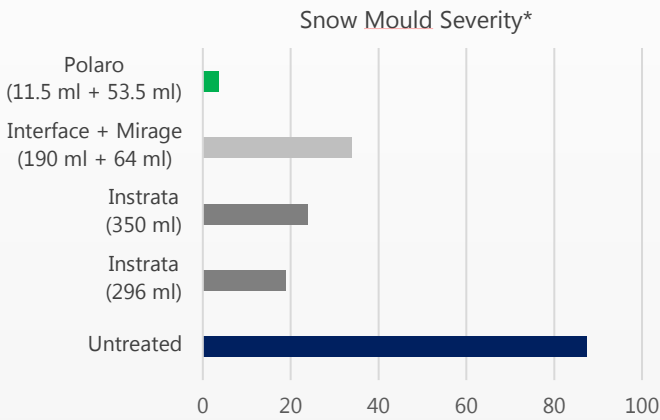
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The **Polaro** and **Polaro SC** mixtures has been thoroughly tested by Paul Koch, Ph.D and Kurt Hockemeyer at the University of Wisconsin-Madison, the leaders in snow mould research. The combination has been included in trial locations in Michigan, Wisconsin and Minnesota starting in 2019-2020 up to 2023-2024 winters. The following results demonstrate the strength of **Polaro SC** to control pink and grey snow mould under a variety of harsh winter conditions.



### 2019-2020 Marquette, MI

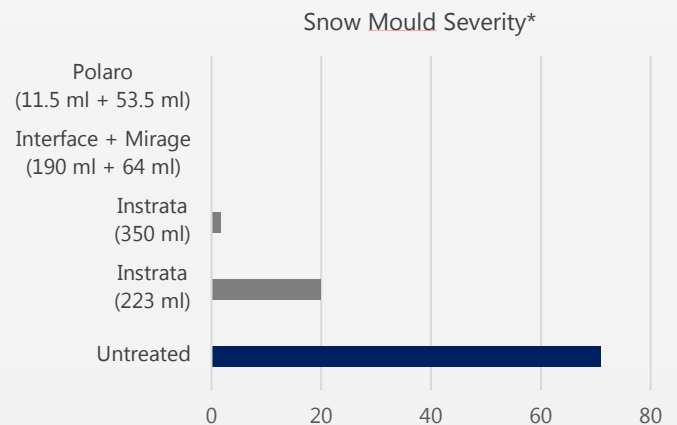


UTC averaging 87.5% disease. (~30% *M. nivale*, ~70% *T. ishikariensis*)  
 Application: Oct 25, 2019 Evaluations: April 9, 2020; Snow Cover:~150 days

### 2019-2020 Wasau, WI



UTC averaging 71% disease. (100% *Microdochium nivale*)  
 Application: Nov 7, 2019 Evaluations: April 2, 2020; Snow Cover:~120 days

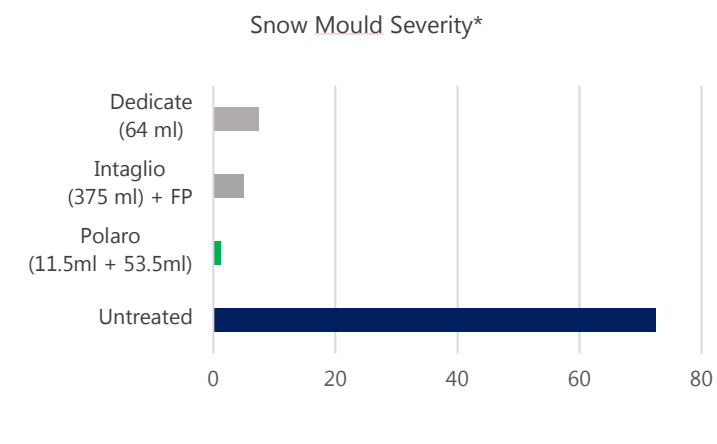


\* Rates listed are per 100 m<sup>2</sup>

Put to the test in over 100 trials



## 2020 - 2021 Marquette, MI

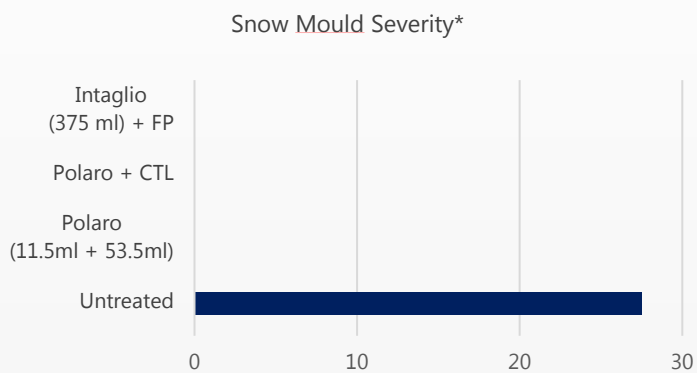


UTC 72.5% disease. (~50% *M. nivale*, ~25% *T. incarnata* ~25% *T. ishikariensis*)  
 Application: Nov 5 2020 Evaluations: March 18 2021 Snow Cover:~90 days

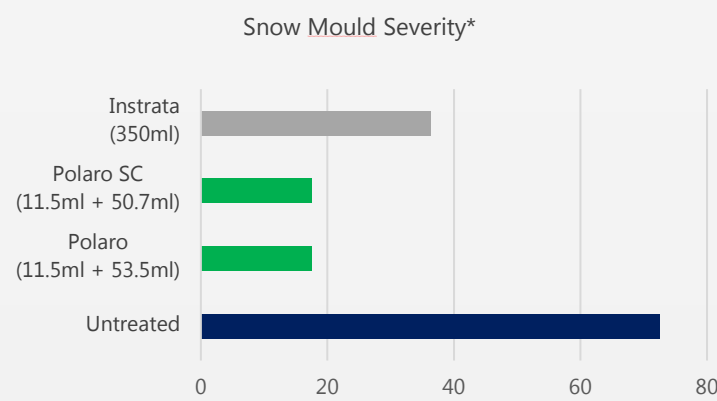
## 2020-21 Brainerd, MN



UTC averaging 27.5% disease. (10% *M. nivale*, 90% *T. ishikariensis*)  
 Application: Nov 4, 2020 Evaluations: April 6, 2021; Snow Cover:~120 days



## 2022-2023 Marquette, MI



UTC 72.5% disease. (90% *Microdochium nivale*, 10% *Typhula ishikariensis*)  
 Application: Oct 27, 2022 Evaluations: April 26, 2023; Snow Cover:~120 days

\* Rates listed are per 100 m<sup>2</sup>



# Golf Course Research – Western Canada

## British Columbia & Alberta



### Kootenay Region

Application Date: **November 6, 2020**

Water Volume: **2 gal/1000 ft<sup>2</sup>**

Evaluation: **April 13, 2021**

Days After Application: **135 days**

Snow Cover: **133 days**



### Edmonton Area

Application Date: **October 24, 2019**

Water Volume: **2 gal/1000ft<sup>2</sup>**

Evaluation: **April 22, 2020**

Days After Application: **181 days**

## Alberta



### Calgary Area

Application Date: **November 5, 2020**

Water Volume: **2 gal/1000ft<sup>2</sup>**

Evaluation: **April 5, 2021**

Days After Application: **151 days**

Snow Cover: **104 days**



### Red Deer Area

Application Date: **November 5, 2020**

Water Volume: **2 gal/1000ft<sup>2</sup>**

Evaluation: **March 27, 2021**

Days After Application: **142 days**

Snow Cover: **140 days**

Put to the test in over 100 trials



# Golf Course Research – Western Canada

## Manitoba



### Winnipeg Area

Application Date: **October 25, 2019**

Water Volume: **91 gal/acre**

Evaluation: **April 15, 2020**

Days After Application: **173 days**



### Winnipeg Area

Application Date: **October 18, 2020**

Water Volume: **8 L/100 m<sup>2</sup>**

Evaluation: **March 16, 2021**

Days After Application: **149 days**

## Saskatchewan



### Southern Saskatchewan

Application Date: **October 18, 2019**

Water Volume: **50 gal/acre**

Evaluation: **March 31, 2020**

Days After Application: **165 days**



### Saskatoon Area

Application Date: **November 3, 2020**

Water Volume: **60 gal/acre**

Evaluation: **April 6, 2020**

Days After Application: **154 days**

Snow Cover: **150 days**

# Golf Course Research – Ontario

## Northern Ontario



### Owen Sound Area

Application Date: **November 5, 2020**

Water Volume: **2 gal/1000ft<sup>2</sup>**

Evaluation: **March 15, 2021**

Days After Application: **130 days**

Snow Cover: **76 days**



### Owen Sound Area

Application Date: **November 5, 2020**

Water Volume: **2 gal/1000ft<sup>2</sup>**

Evaluation: **March 26, 2021**

Days After Application: **141 days**

Snow Cover: **77 days**

## Central & Eastern Ontario



### Northern Toronto

Application Date: **November 6, 2019**

Water Volume: **50 gal/ acre**

Evaluation: **March 18, 2020**

Days After Application: **133 days**

Snow cover on Nov. 8<sup>th</sup>



### Ottawa Valley

Application Date: **November 5, 2019**

Water Volume: **70 gal/ acre**

Evaluation: **March 18, 2021**

Days After Application: **133 days**

Snow Cover: **65 days**

Put to the test in over 100 trials



# Golf Course Research – Eastern Canada

## Quebec



### North Shore (Montreal)

Application Date: **November 9, 2020**

Water Volume: **6 L/1000 ft<sup>2</sup>**

Evaluation: **April 3, 2021**

Days After Application: **145 days**

Snow Cover: **96 days**



### Quebec City Area

Application Date: **November 10, 2020**

Water Volume: **1.75 gal/1000 ft<sup>2</sup>**

Evaluation: **April 7, 2021**

Days After Application: **148 days**

Snow Cover: **100 days**

## Atlantic Canada



### Moncton Area

Application Date: **November 15, 2020**

Water Volume: **8 L/100 m<sup>2</sup>**

Evaluation: **March 31, 2021**

Days After Application: **136 days**

Snow Cover: **83 days**



### Prince Edward Island

Application Date: **November 29, 2020**

Water Volume: **1.85 gal/1000 ft<sup>2</sup>**

Evaluation: **March 31, 2021**

Days After Application: **135 days**

Snow Cover: **78 days**

 **Polaro SC**

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