

Your best choice for the first and last dollar spot application.

# Pinpoint®

## CHALLENGE

When summer starts, Canadian superintendents know one thing is certain, dollar spot is on its way. Superintendents currently have only a few fungicide class options for control of dollar spot. Add the discovery of SDHI resistance and it becomes even more important to rotate fungicide classes to combat dollar spot and preserve all the fungicide options available.

## NUFARM SOLUTION

Pinpoint® fungicide delivers outstanding early-season and late-season control of dollar spot. Pinpoint provides superintendents and turf management professionals with an excellent fungicide rotation partner to optimize disease management stewardship. Pinpoint's unique and targeted active ingredient has been proven in university performance trials and delivers outstanding control of dollar spot.

## REGISTERED USES

Turfgrass including golf courses, sod farms, lawns and landscape areas around residential, institutional, public, commercial and industrial buildings, parks, recreational areas and athletic fields

DISEASES CONTROLLED	APPLICATION RATES mL/100 m <sup>2</sup>	INTERVAL days	APPLICATION NOTES	VINCELLI RATING
Brown patch	9.86	14	Begin application when conditions favour disease development.	1.5
Dollar spot	8.8–9.86	14–21	Use preventively. Begin application when conditions favour disease development.	4/3.5
Fairy ring	9.86	14	Begin applications when the disease first appears.	L
Rust (suppression)	9.86	14	Begin application when conditions favour disease development.	3
Take-all patch	9.86	14	Begin application when conditions favour disease development.	L

## ACTIVE INGREDIENT

> mandestrobin (43.4%)

## FORMULATION

> suspension concentrate

## CHEMICAL FAMILY

> QoI - Quinone Outside Inhibitors

## PACKAGE SIZE

> 4 x 1.77 L jug

> 1 jug treats 5 acres (at 8.80 mL/100 m<sup>2</sup>)

## RAINFAST

> 2 hours

## APPLICATION / SEASON

> 4

## SURFACTANT NEEDED

> no

## PCP #

> 32289

## FRAC #

> 11



## BENEFITS

- Unique and selective activity against dollar spot
- Excellent turf tolerance
- Excellent rotation partner for managing resistance to SDHI and DMI fungicides
- Optimized for early through late season dollar spot control

## PERFORMANCE TIPS

- Pinpoint is most effective when applied prior to infection
- For optimal disease control, use Pinpoint in a regularly scheduled spray program and in combination/rotation with other fungicides that have different modes of action and are effective against dollar spot
- Using Pinpoint as the first dollar spot treatment of the season gives the best control to fight resistance
- Apply 8–16 L of spray solution per 100 m<sup>2</sup> per label directions, lower water volumes require proper nozzle selection and calibration to ensure plant coverage and efficacy
- Make sure sprayer is properly calibrated (flow, nozzles, pressure, and speed) and inspect and change nozzles per manufacturer's recommendation to ensure consistent delivery

## LEGEND

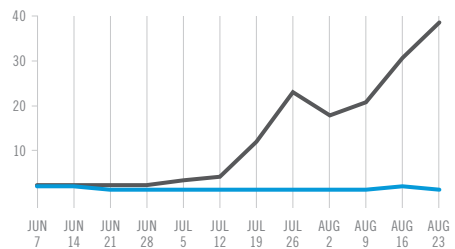


# Pinpoint®

## DOLLAR SPOT CONTROL

Dollar spot is a foliar turfgrass disease that infects susceptible grasses in spring once night temperatures remain above 10°C and heavy dews from warmer day temperatures create prolonged periods of leaf wetness. Symptoms will appear late spring or early summer leaving white or light tan lesions on affected leaves. Dollar spot forms small silver dollar sized spots on closely mowed turf such as course greens. Without treatment, infected spots may kill grass to the soil surface and multiple spots may merge into large blighted areas.

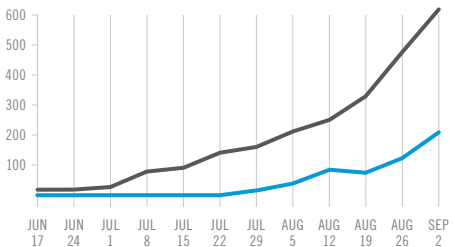
### DOLLAR SPOT CONTROL % SEVERITY, SYMPTOMS/PLOT



UNTREATED /VS/ PINPOINT 8.80 mL/100 m²

R. Latin, Purdue 2016.  
Applied Jun 8 and 22, Jul 6 and 20, Aug 3 and 17.

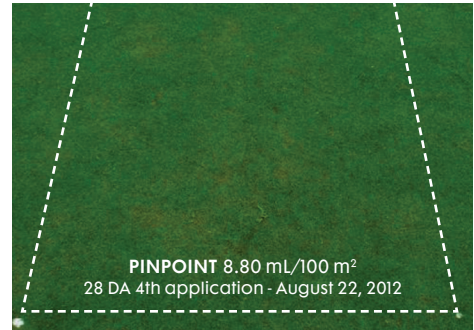
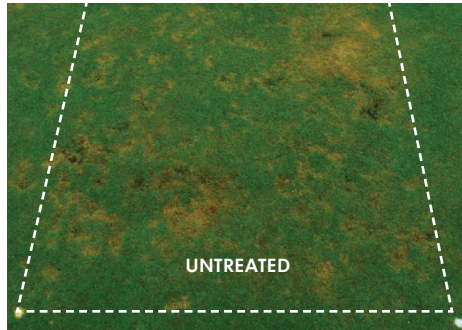
### DOLLAR SPOT CONTROL # DISEASE INCIDENCE/PLOT



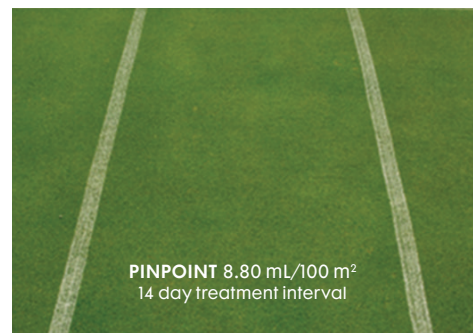
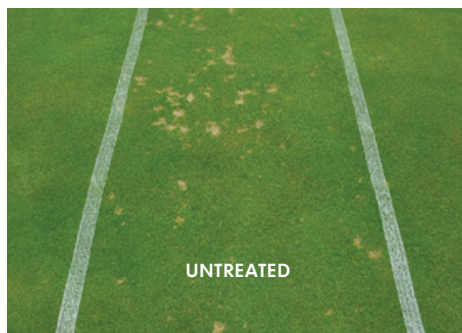
UNTREATED /VS/ PINPOINT 8.80 mL/100 m²

Inguagiato, UConn 2016. Creeping bentgrass fairway at Plant Science Research and Education Facility, Storrs, CT. Initial application on June 1.

### DOLLAR SPOT CONTROL ON CREEPING BENTGRASS GREEN 'CRENSHAW', DR. BRUCE MARTIN, CLEMSON UNIVERSITY (2012)



### DOLLAR SPOT CONTROL ON CREEPING BENTGRASS GREEN INGUAGIATO, UCONN 2017



### DOLLAR SPOT CONTROL ON CREEPING BENTGRASS FAIRWAY INGUAGIATO, UCONN 2017



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