Prevent Snow Mold with Fore* Rainshield*

PREVENT SNOW MOLDS NOW WITH FORE* RAINSHIELD* + PCNB

Snow molds are cold-tolerant fungi that grow at freezing or near freezing temperatures. Applied in October and November, Fore* Rainshield* specialty fungicide, tank-mixed with PCNB fungicide (pentacholoronitrobezene), can prevent turf damage caused by snow molds. Together the two products increase the spectrum of activity, combine different modes of action and significantly improve disease control.

Patchy Snow Mold

ABOUT SNOW MOLDS

Fusarium patch (pink snow mold) and Typhula blight (gray snow mold) are two winter patch diseases that occur over much of the Northern U.S. While Fusarium patch requires cold, wet conditions and Typhula blight develops during prolonged snow cover, both types often infect the same areas. Applying Fore Rainshield in tank-mix combination with PCNB can prevent both diseases from occurring.

FUSARIUM PATCH

Fusarium patch typically occurs in late fall, winter and early spring. It first appears as a reddish-brown circular spot measuring 2 to 3 inches in diameter. Patches expand to 12 inches or more in diameter within two to three days from onset and change to tan.

TYPHULA BLIGHT

Typhula blight first appears as pale yellow, discolored turf measuring 1 to 2 inches in diameter. As the areas enlarge, a halo of gray and white growth develops, expanding up to 1 to 2 feet in diameter.

PREVENTATIVE MEASURES

University research trials demonstrate the combination of Fore specialty fungicide with Rainshield technology and PCNB will provide economical broad spectrum control of both pink and gray snow mold.

1996-7 RESULTS UNIVERSITY OF WISCONSIN
Fairways and Greens (J. Gregos) – % Area Affected

Treatment	Rate oz./ 1000 sq. ft.	Wisconsin Site 1 (a,d)	Wisconsin Site 2 (a,c)	Wisconsin Site 3 (a,c,d)	Wisconsin Site 4 (a,c,d)
Untreated	–	21.3 a	95 a	95 a	83.8 a-c
Fore 80WP	8	8.8 b	31.3 c-f	83.8 a,b	67.5 a-f
Fore 80WP-Terraclor 75 WP	8 + 8	0.0 c	10 g-i	27.5 g-l	60 c-g
Fore 80WP + Terraclor 75 WP	6 + 8	0.0 c	15 f-i	21.3 i-l	33.8 g-h
Terraclor 75 WP	8	0.0 c	40 c,d	60.0 b-f	57.5 c-h
Heritage 50 D	0.4	0.0 c	46.3 c	83.8 a,b	78.8 a-d
Heritage 50 D + Terraclor 75 WP	0.4 + 8	0.0 c	13.8 g-i	17.5 i-l	11.3 k
Daconil Ultrex + Chipco 26019	3.8 + 4.0 fl.	0.0 c	26.3 d-i	36.3 f-k	90 a,b

Treatments followed by the same letter are not statistically different (P=0.05)
Diseases present: a=Grey Snow Mold (*Typhula incarnata)*, c=Gray Snow Mold (*Typhula ishikariensis*), d=Pink Snow Mold (*Microdochium nivale*).

1996-7 COLORADO STATE UNIVERSITY Bluegrass Fairways (L. Skoglund) – % Area Affected			
Treatment	**Rate oz./ 1000 sq. ft.**	**Colorado Site 1 (a,d)**	**Colorado Site 2 (d)**
Untreated	–	92 a	100 a
Fore 80WP	8	4.3 d	75 b
Fore 80WP + Turfcide 400	8 + 8	0.2 d	5 d
Fore 80WP + Turfcide 400	6 + 8	0.6 d	20 c,d
Turfcide 400	12	24 c	35 c
Banner MAXX	3	37.5 b	75 b
Banner MAXX + Turfcide 400	3 + 8	4.3 d	65 b
Daconil 2787 + Chipco 26019	4 + 8	75.5 a	55 b,c

Treatments followed by the same letter are not statistically different (P= 0.05)
Diseases present: a=Grey Snow Mold (*Typhula incarnata*), c=Gray Snow Mold (*Typhula ishikariensis*), d=Pink Snow Mold (*Microdochium nivale*).

1996-7 MICHIGAN STATE UNIVERSITY Bentgrass/Annual Bluegrass Fairways (J. Vargas) – % Area Affected			
Treatment	**Rate oz./ 1000 sq. ft.**	**Michigan Site 1 (a,d)**	**Michigan Site 2 (c,d)**
Untreated	–	70 a	80 a
Fore 80WP	8	42.3 b	61.7 a-f
Fore 80WP + Terraclor	8 + 8	0.6 j	7.7 m-r
Fore 80WP + Terraclor	6 + 8	2.2 j	5 n-r
Terraclor	8	1.3 j	9.0 m-r
Banner MAXX + Turfcide 400	3 + 9	9.0 h-j	12.7 l-r
Heritage + Turfcide 400	0.4 + 6	1.0 j	2.7 p-r

Treatments followed by the same letter are not statistically different (P= 0.05)
Diseases present: a=Grey Snow Mold (*Typhula incarnata*), c=Gray Snow Mold (*Typhula ishikariensis*), d=Pink Snow Mold (*Microdochium nivale*).

SNOW MOLD STUDY Tree Tops Sylvan Resort, Gaylord, MI – Rating Date: April 9, 2001		
Treatment and Rate	**Appl Date(s)**	**Mean[a]**
Fore 80WP with Rainshield 8 oz + Turfcide 400 12 fl oz	**30 Oct**	**7.3 a,b**
Turfcide 400 9 fl oz + Fore 80WP 8 oz	**30 Oct**	**8.8 a-d**
Turfcide 400 9 fl oz + Daconil Ultrex 3.64 oz	30 Oct	7.0 a,b
Bayleton 50 WP 2 oz + Turfcide 400 12 fl oz	30 Oct	8.0 a-c
Chipco 26GT 4 fl oz + Daconil Ultrex 4 oz + Turfcide 400 6 fl oz	30 Oct	9.3 a-d
Eagle 40 WSP 0.6 oz + Turfcide 400 12 fl oz	30 Oct	11.5 a-g
Turfcide 400 12 fl oz	30 Oct	13.8 a-g
Daconil Weather Stik 5.5 oz + Heritage 0.4 oz + Banner MAXX 2 fl oz	30 Oct	22.5 b-j
Chipco 26GT 4 fl oz + Heritage 0.4 oz + Turfcide 400 6 fl oz	30 Oct	26.3 e-k
Chipco 26GT 4 fl oz + Signature 4 oz + Turfcide 400 8 fl oz	28 Sept, 30 Oct	32.5 i-m
Chipco 26GT 4 fl oz + Daconil Ultrex 5.5 oz + Turfcide 400 8 fl oz	28 Sept, 30 Oct	0.8 a
Turfcide 400 9 fl oz + Teremec SP 4.5 oz	30 Oct	32.5 i-m
Medallion 50 WG 0.25 oz + Banner MAXX 2 fl oz + PCNB 75 WP 4 oz	30 Oct	38.8 j-n

Rating Scale: Percent plot area diseased with a combination of *Microdochium nivale*, *Typhula ishikariensis* and *T. incarnata* unless otherwise noted.
[a] Treatment means followed by the same letter are not significantly different (LSD, p=0.05).

HOW AND WHEN TO APPLY

To prevent snow mold, mix Fore Rainshield specialty fungicide at a rate of 8 oz./1000 sq. ft. along with PCNB at a rate of 8 oz. per 1000 square feet during October and November.

Dow AgroSciences
Fore* Rainshield®
Specialty Fungicide

www.dowagro.com/turf
800-255-3725
T01832001 511-P2-300-02