



Indemnify®

Product information sheet

- // Active Ingredient: fluopyram
- // Chemical Class: pyridinyl ethyl benzamide
- // Systemicity: acropetal penetrant
- // Formulation: suspension concentrate
- // Signal Word: caution

Best Uses

- // Indemnify® controls key root-feeding nematodes of turfgrass including but not limited to sting, root-knot, and ring, as well as the crown- and stem-feeding *Anguina pacifica*
- // Use as a preventive or curative nematicide
- // Application is simple; just apply 0.1" irrigation within 12-24 hours of application, no aerification or deep watering-in needed
- // For optimal results, maintain best cultural practices to complement Indemnify applications

Attributes

- // Broad-spectrum nematicide with a unique mode of action
- // Fast, effective control of many plant-parasitic nematodes in turfgrass
- // Formulation contains a surfactant to optimize root zone penetration
- // Conserves storage space - one 17.1 fl. oz. Indemnify container treats 1-2 acres
- // Ease of use as a nematicide
 - // Application as a foliar spray
 - // Flexible timing integrates well into current Best Management Practice (BMP) programs
 - // Longer duration of control means fewer applications are required
 - // Can apply on all turfgrass species which includes bermudagrass, bentgrass and annual bluegrass
- // CAUTION signal word
- // Limited Personal Protection Equipment required - long sleeved shirt, long pants, shoes plus socks, chemical-resistant gloves (such as itrile or butyl)

Control of Nematodes



Indemnify is a nematicide that blocks cellular respiration resulting in the paralysis and death of the nematode. The needle-like appearance of paralyzed nematodes is a typical response.

**Meloidogyne* sp. treated with 20 ppm fluopyram. (Bayer)

How To Use

// Apply Indemnify prior to and during active root growth to maximize turf recovery without the root-feeding damage caused by plant-parasitic nematodes

// Use curatively at first sign of turfgrass stress due to nematodes

Indemnify® Programs for Golf Greens, (number of applications)

Warm-Season Turf	Florida and South Texas ¹		Outside of Florida and Texas ¹	
	Spring ³ 0.39 fl oz	Fall ⁴ 0.39 fl oz	Spring ³ 0.39 fl oz	Fall ⁴ 0.39 fl oz
Increasing Levels of Control for Nematodes ²				
2 applications per year	–	2	1	1
3 applications per year	1	2	1	2
4 applications per year	2	2	2	2

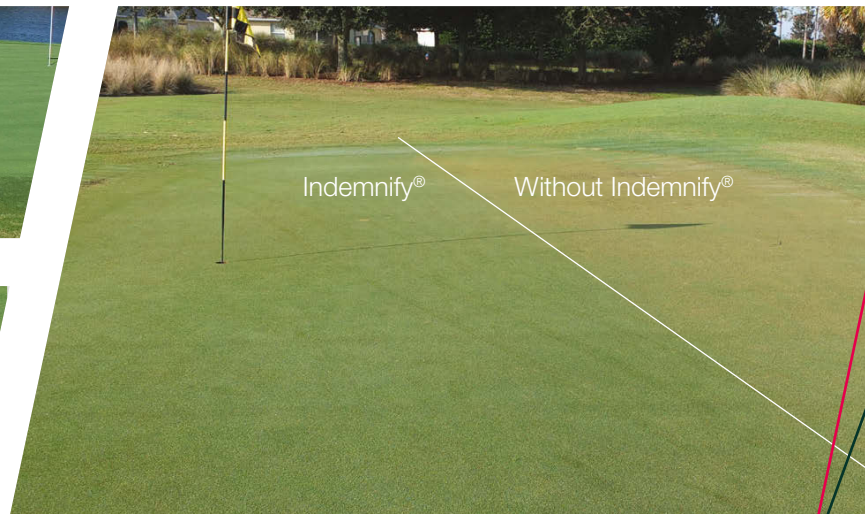
Cool-Season Turf	Northern U.S. ¹		California ¹	
	Spring ³ 0.39 fl oz	Fall ⁴ 0.39 fl oz	Spring ³ 0.39 fl oz	Fall ⁴ 0.39 fl oz
Increasing Levels of Control for Nematodes ²				
2 applications per year	1	1	2	–
3 applications per year	2	1	2	1
4 applications per year	–	–	2 (Anguina) ⁵	2 (Anguina) ⁵

¹Assumes sting and/or root-knot are the primary cause of root reduction/turf damage, but can also occur with stubby-root, ring and others. Refer to the Indemnify label for specific nematodes controlled. ²Curative control of nematodes with Indemnify at 0.39 fl oz/1,000 sq ft allows up to four spot applications on 10,000 sq ft/acre/year. ³In the spring, apply the first application of Indemnify when the soil temperature reaches 60-65°F (5-day average soil temperature at a 2" depth). ⁴In the fall, target late-September through October for Indemnify application timing. Consult your local area sales manager for specific timing for your region. ⁵Begin at early symptoms or when you expect symptoms based on prior experience. No need to water-in immediately. Lightly irrigate that night (0.1") if no rainfall.

Spring Application on Bermudagrass in South Carolina



Fall Application on Bermudagrass in Florida



A Champion ultra dwarf bermudagrass green with a history of sting and root-knot nematodes is improved by Indemnify versus an untreated portion. Indemnify was applied twice in spring at 0.39 fl oz/1,000 sq ft. (Bayer)

Indemnify demonstration of a curative spot treatment on a green. Nematodes present were sting, root-knot, ring and lance. Four applications were made 14 days apart in the fall of 2015 on Sep 1, Sep 14, Sep 28 and Oct 12. (Bayer)

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ALWAYS READ AND FOLLOW LABEL INSTRUCTIONS
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