

Nematicides for commercial turfgrass use.

Nematicide	Rate	Comments
Avid 0.15EC (abamectin 0.15lb/gal))	57 fl oz/A	Special local need label (24C) for SC. Avid 0.15EC is the only abamectin formulation approved for nematode control. For nematode control on golf course greens only. Apply in 2 gallons water/1000 sq.ft. with spray nozzles to deliver coarse droplets; spray onto wet turf and immediately incorporate with 0.1 inch irrigation/A. Addition of a soil wetting agent may improve performance. For sting (<i>Belonolaimus</i> spp.) and ring (<i>Criconebella</i> and related genera) nematodes only. Use 3 to 4 consecutive applications on a 14-21 day interval. Combinations of Avid 0.15EC and Heritage fungicides are recommended to reduce fungal infections and promote healthier turf.
Nortica 5% WP (<i>Bacillus firmus</i> @ e 3 x 10 ⁹ cfu/gram)	30-100 lb/acre	Apply in standard spray equipment to deliver desired rate; reapply on a 3 month interval as needed. Best results have been noted in the spring as bermudagrass turf resumes growth after winter dormancy
Multiguard Protect 90EC (8.68lb/gal furfural)	8 gal/A followed by 5.5 to 8 gal/A; 6 applications per season at 14-28 day intervals	For use on golf course greens, tees, practice greens and sod farms only. Requires appropriate personal protective equipment (PPE) and buffer zones. Golf courses must be closed during application, with a 2 hour re-entry interval to treated zones. See label for details. Apply at 1:9 dilution with water at a rate of 8 gal/acre initially, followed by 5.5 to 8 gal/acre in subsequent treatments. Incorporate with irrigation (1/4-1/2 acre inch water) within 15 minutes of application in sandy soils.
Nemacur 10%; Turf & Ornamental Nematicide (fenamiphos 10%)	2.3 lb/1000 sq.ft. or 100 lb/A	Golf courses, cemeteries, industrial grounds; DO NOT USE on residential lawns or public recreational areas other than golf courses; not for use on turf being grown for sale or other commercial use as sod, or for commercial seed production, or for research purposes. Irrigate immediately with at least 1/2 inch of water; do not allow puddling or run-off to occur. Do not treat newly-seeded areas until plants have developed secondary root systems. Restricted Use Pesticide. See product label for further application restrictions. Not to exceed 200 lbs/acre/year. No longer for sale; existing stocks in possession of manager can be used by label.
Nemacur 3 Turf (fenamiphos 35%)	9.7 fl oz/1000 sq.ft. or 3.3 gal/A	Use on golf courses, cemeteries, and industrial grounds; not recommended for tees or greens. DO NOT USE on residential lawns or public recreational areas other than golf courses; not for use on turf being grown for sale or other commercial use as sod, or for commercial seed production, or for research purposes. Apply dosage in minimum of 1/2 gallon of water per 1000 sq.ft. (min. 20 GPA). Irrigate immediately after treatment with a minimum of 1/2 inch of water. Do not treat newly seeded areas until plants have developed secondary root systems. Do not apply more than twice per year. Restricted Use Pesticide. Do not apply to more than 10 acres per golf course per day; wait 3 days before treating any additional area. See product label for further application restrictions. No longer for sale; existing stocks in possession of manager can be used by label.
Curfew EC Soil Fumigant (1,3-dichloro-propene 97.5%)	3-5 gal/acre broadcast basis	Special local need label. For golf course use only, by certified commercial applicators. Do not re-enter treated areas for 24 hours. Do not apply within 30 feet of any occupied structure, such as a school, hospital, business or residence. Curfew should be placed a minimum of 5 inches deep, with soil moisture adequate to provide good turfgrass growth, and such moisture content maintained for 7 days post-application. Immediately after application, apply 1/4 to 1/2 inch of irrigation.

¹The presence of a nematicide in this list does not constitute a recommendation. Trade names are used with the understanding that neither no endorsement is intended nor is criticism implied of similar products, which are not mentioned. All chemicals should be used in accordance with the manufacturer's label.