



**NEO-TEC® S.O.**

# Naturally Derived Nematode Control

NEO-TEC S.O. is a liquid concentrate nematicide derived from sesame plant extracts and lecithin. It is an excellent option for controlling nematodes on golf courses and sports fields and will provide quick knock down of most parasitic nematodes, including lance, sting, root knot, root-lesion, stylet, dagger and cyst nematodes.

NEO-TEC is absorbed and ingested by the nematode. The formulation acts as a natural toxin that disrupts nematode mobility, feeding and reproduction; and dries out nematodes to control and reduce nematode population.

NEO-TEC is also available in a greens grade granule form (NEO-TEC G.S.O.). Both NEO-TEC formulations are compatible with most NPK fertilizers and pesticides.



**12 year old tif eagle @ .105**  
Steve Wright, CGCS

<b>Active Ingredient</b>	
Sesame Oil . . . . .	70.0%
<b>Other Ingredients</b>	
Lecithin, water . . . . .	30.0%
Total . . . . .	100.0%

United States Patent No. 8,080,266

## BRANDT Nematode Control Program

NEO-TEC S.O. should be applied regularly from early spring through late fall. For optimal turf health, supplemental nutrition is recommended during nematode treatment to help nourish and restore turf roots, shoots and overall turf health.

Application Timing	Products	Application Rates
March - November	NEO-TEC S.O.	3 oz/1000 sq ft, once a month
May - June	BRANDT PARCO START 8-31-4	3 oz/1000 sq ft, once a month
July - October	MANNI-PLEX® TOTAL TURF  BRANDT SEAWEED MAX	3 oz/1000 sq ft, once a month

If nematodes are present before the start of this program, higher concentration rates are recommended. Apply NEO-TEC S.O. at a 6oz/1000 sq ft rate and repeat after 30 days. After 60 days, apply at 3 oz/1000 sq ft.

NEO-TEC S.O. should not be used with surfactants or during periods of heavy rain or irrigation.

Brandt Consolidated, Inc.  
www.BRANDT.co





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## NEO-TEC S.O. versus Conventional Nematicide (Fenamiphos)

Category	Neo-Tec S.O.	Fenamifos
Labeled as Poison	No	Yes
Application Limitations	No	Yes
Environmental Hazards	None	Toxic Fish, Wildlife
Safe for use in wetlands, human and wildlife exposure	Yes	No
Effect on Beneficial Microbes	Enhances	Kills
Container Disposal Restrictions	None	Triple Rinse
Personal Protection	Goggles	Protective Suit, Footwear, and Eyewear, Gloves, Chemical Headwear, Respirator
Leaches to Groundwater	No	Yes
Recommended for Tees, Greens and Newly Seeded Areas	Yes	No
Restricted application	No	Yes
Restricted use on residential lawns and public recreation areas	No	Yes

## Mixing Instructions

SHAKE WELL BEFORE USING. Fill the spray tank half full and start the recirculation or agitation system. Add fertilizer if desired. Add the desired amount of NEO-TEC S.O. and the remaining amount of water and allow to mix thoroughly. Apply spray solution in properly maintained and calibrated equipment capable of delivering the desired volumes. NEO-TEC S.O. is compatible with most NPK fertilizer solutions and pesticides targeting the same target root zone. Tank mixing with a nitrogen product to promote top growth may be desired. Avoid mixing with soil wetter/surfactant chemistries and with pesticides and chemistries that require excessive watering in, as this may cause the active ingredient to be pushed below the root zone. Always jar test before use.

### FIFRA 25B Exempt Pesticide

This product has not been registered by the United States Environmental Protection Agency. It is exempt from registration under the Federal Insecticide, Fungicide and Rodenticide Act [FIFRA 25(b)] as a minimal risk, naturally derived pesticide. All active ingredients contained in these formulations are contained in 40 CFR 152.25, as well as list 4A of the Federal Register.

For more information, talk to your local retailer about BRANDT NEO-TEC S.O. or contact BRANDT Turf and Ornamental Regional Sales Managers: Kym Wood (eastern US) at (321) 228-4480 [kym.wood@brandt.co](mailto:kym.wood@brandt.co); or Steve Stringer (western US) at (714) 394-2376 [steve.stringer@brandt.co](mailto:steve.stringer@brandt.co)