

## DEBUG TURBO

### NEMATODE CONTROL FOR TURF GRASS, AND LAWNS

**General:** DEBUG TURBO is a neem based (containing about 67% Neem Extract with Azadirachtin, and 20% Synergist) insecticide, repellent, anti-feedant and growth regulator. It is packed as an emulsifiable concentrate and is available in 1 Gallon plastic containers.

**For the Control of:** *Anguina pacifica* (Stem Gall Nematode) and other nematodes such as Spiral, Root Knot, Ring, Dagger, Sheath, Sting etc.

**Sprayer Requirements:** We recommend a backpack sprayer for smaller areas, and a tank sprayer for larger areas. Use sprayer at maximum pressure to ensure delivery of DEBUG TURBO as deep as possible into the Turf.

Apply early morning or late evening (less than 95°F).

**Treatment:**

**GOLF COURSES:**

Mix 16 to 24 fl. oz. of DEBUG TURBO with 2 gallons of water to spray 1000 square feet. DEBUG TURBO may be applied on the same day that the greens are scheduled for fertilization. **Use sprinkler or other modes of irrigation to push the DEBUG TURBO to the root zone (about 4 inches), immediately, or soon after application.**

**LAWNS, PARKS & INSTITUTIONAL USE**

(a) Backpack Sprayer:

Usually backpack sprayers are 2-3 gallons in capacity. Mix at the rate of 1.5 to 2 fl. oz. of DEBUG TURBO with 2 or 3 gallons of water. This is usually sufficient to cover approximately 100 sq. ft. area of Turf. **Apply uniformly over the area and irrigate with water so that the DEBUG TURBO is pushed to the root-zone.**

(b) Tank Sprayers:

For larger tank sprayers of, mix DEBUG TURBO at the rate of 16 to 24 fl. oz. in 30 to 50 gallons of water. Agitate the tank and spray directly into the turf. This mixture should cover approximately 1000 sq. ft of turf. Apply uniformly over the area. **Use sprinkler or other modes of irrigation to push the DEBUG TURBO to the root zone (about 4 inches).**

**Applications:**

Apply once a month for a period of 3 months (three applications). After the applications check for presence of nematodes by sampling a random mix of the soil in the green. For *Anguina*, check for Larvae from soil, galls/sq. inch from tissue, larvae/sq. inch from adult galls, larvae/sq. inch from juvenile galls, and eggs/sq. inch from galls. Continue the applications if they are above threshold levels.