



# DEBUG TURBO APPLICATION RECOMMENDATION FOR ALFALFA\*

(\* and other forage grasses)

**General:** DEBUG TURBO is a neem based (containing about 67% Neem neem extract with Azadirachtin, and 20% Synergist) insecticide, anti-feedant, repellent, and growth regulator. We recommend the use of DEBUG TURBO by itself or in conjunction with beneficial predators. Apply even if there is no insect problem, as a preventative. Apply early morning or late evening (less than 95°F).

**For the Control of:** Aphids, Whiteflies, Cabbage loopers, Diamondback Moths, Armyworms, Leafminers, Thrips, Onion Maggots, Weevils, Mites, flea beetles, Caterpillars, and nematodes.

**Sprayer Requirements:** We recommend spray nozzles at 10" spacing with vertical drops for each side of the plant bed. We also recommend two nozzles each on the verticals, one at 90° and the other at 45°. The tractor speed should not exceed 2.0 MPH and spray pressure should be enough to get complete coverage. For DEBUG TURBO to be most effective, pH of the water used for mixing should be around 5.5. If necessary, use a buffer like citric acid to bring the pH to the desired level.

## **APPLICATION RATES, DILUTION AND TIMINGS: (APPLICATION RATES ARE PER ACRE)**

**FIRST APPLICATION:** Mix 24 to 48 fl. Oz. of DEBUG TURBO in a minimum 50 gallons of water for each acre. Apply with a sprayer to completely drench the plant including underside of leaves. Use more water if complete coverage is not achieved in 50 gallons of water per acre.

FIRST APPLICATION OF DEBUG TURBO SHOULD BE ABOUT 7 DAYS AFTER TRANSPLANT OR 15 DAYS AFTER SEEDING.

**SECOND APPLICATION:** Mix 24 to 48 fl. Oz. of DEBUG TURBO in 50 to 100 gallons of water for each acre. Apply with a sprayer to completely drench the plant including underside of leaves. Use more water, if necessary, to achieve complete coverage.

SECOND APPLICATION OF DEBUG TURBO SHOULD BE ABOUT 7 DAYS AFTER THE FIRST APPLICATION (before the leaves start getting together by the center portion)

**THIRD APPLICATION:** Mix 24 to 48 fl. Oz. of DEBUG TURBO in 50 to 100 gallons of water for each acre. Apply with a sprayer to completely drench the plant including underside of leaves. Use more water, if necessary, to achieve complete coverage.

Third application of DEBUG TURBO should be about 7 days after the second application.

Succeeding applications, if necessary, should be made in the same proportion as above. DEBUG TURBO can be sprayed even till one day prior to harvest.