



## DEBUG TURBO

### APPLICATION RECOMMENDATION FOR CHERRIES

- General:** DEBUG TURBO is a neem based (containing about 67% Neem Extract with Azadirachtin, and 20% Synergist) insecticide, anti-feedant, repellent, and growth regulator. We recommend the use of DEBUG TURBO by itself with no additional pesticides unless the insects reach economically damaging levels, in which case organic pesticides may be used in conjunction with DEBUG TURBO. Apply even if there is no insect problem, as a preventative. Apply early morning or late evening.
- For the Control of:** Aphids, Thrips, Western Cherry Fruitfly, Orchid Thrips, Leafminers, Root Weevils, Scale insects, Pacific, Two Spotted and Webspinning Spider Mites, Grasshoppers, Whiteflies, Codling moth, West Pear Psylla, Leafrollers, Orange Tortrix, Leafhoppers, borers, and Black Cherry Fruitflies.
- Sprayer Requirements:** The Sprayer pressure should be enough to get complete coverage, including the underside of the leaves. Water used for spraying should have a pH of about 5.5 for optimum results. Please use a buffer like citric acid to bring the pH to the desired level.

### APPLICATION RATES, DILUTION AND TIMINGS

**WESTERN FRUITFLIES:** Two or three **DEBUG TURBO** applications between May and June may be required. The adult fruit flies emerge from the soil about the middle of May to the middle of July. They fly to the Cherry trees, where the females feed on exudates from puncturing the leaves and fruits with the ovipositor. The adult female is a little smaller than a house fly, with a general black color. The Black Cherry Fruitfly has identical life history, emerging about one week earlier than cherry fruitfly. Pheromone traps are necessary to protect braconid parasites. DEBUG TURBO sprays also spare the braconids.

Mix 1 to 2 quarts of DEBUG TURBO in 100 to 150 gallons water, for each application. Apply so as to get complete coverage of the tree including the underside of the leaves. Second and, if necessary, the third application of DEBUG TURBO should be about 10 days after the previous application.

**OTHER PESTS:** Most of the insect pests of Cherry can be reduced by the continuing use of DEBUG TURBO in the proportion specified above.