



## **DEBUG TURBO**

### **APPLICATION RECOMMENDATION FOR APPLES**

- General:** DEBUG TURBO is a neem based (containing about 67% Neem Extract with Azadirachtin and 15% Synergist) insecticide, anti-feedant, repellent, and growth regulator. We recommend the use of DEBUG TURBO by itself 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 (less than 95°F).
- For the Control of:** Mites, Codling Moth, Apple bud Moth, Apple Aphids, Plum Cuculio, Apple maggot, Lygus, Fruit Moth, Leaf roller, Appleworm, Fruitworm, Mealy Bug, Leaf hopper,
- Spraying Equipment:** Since DEBUG TURBO is a contact insecticide, total coverage of the plant including the underside of the leaves is very important to get good results. Use a sprayer that gives complete coverage of the foliage. The tractor speed should not exceed 2.0 MPH and spray pressure should sufficient enough give complete coverage. If using backpack sprayers, please ensure complete coverage of the foliage, including the underside of leaves. A boom sprayer with properly selected nozzles can be used. Alternately an Airblast Sprayer with properly selected nozzles to deliver the desired volume of material can be used. For DEBUG TURBO to be most effective, pH of the water used for mixing should be around 5.5. Please bring the pH close to the desired level, by using a buffer, like Citric acid.

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

- TREATMENT:** Mix 48 to 64 fl. oz. of DEBUG TURBO in 200 -400 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 200 gallons of water per acre.
- FIRST APPLICATION OF DEBUG TURBO SHOULD BE AT THE EARLIEST SIGN OF ANY INFESTATION. IT SHOULD BE APPLIED AS A PREVENTATIVE STARTING IN SPRING (MAY), AFTER THE THREAT OF FROST IS OVER. APPLY EVERY 14 DAYS UP UNTIL HARVEST.
- MANAGE THE FREQUENCY OF APPLICATION (INCREASE / DECREASE) DEPENDING ON THE SEVERITY OF THE INFESTATION.

FOR BETTER EFFICACY, USE DEBUG TURBO **PRIOR** TO RELEASING ANY BENEFICIALS/ PREDATORS.