



# DEBUG TURBO

## APPLICATION RECOMMENDATION FOR RASPBERRIES

- General:** DEBUG TURBO is a neem based (containing about 67% Neem Extract with Azadirachtin, and 20% Synergist) insecticide, repellent, anti-feedant 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 (less than 95°F).
- For the Control of:** Lygus bug (Hemiptera: Miridae), Aphids (Homoptera: Aphididae), Leafhoppers and Spittlebugs (Homoptera), Weevils and other beetles (Coleoptera), Leafrollers, caterpillars, climbing cutworms, and borers (Lepidoptera), Sawflies (Hymenoptera: Tenthredinidae) and Mites (Acari).
- 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)**

**FIRST TREATMENT:** **Each treatment has two applications.** Mix 1 to 2 quarts of DEBUG TURBO (32 -64 fl. oz.) in a **minimum** 300 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 300 gallons of water per acre.

FIRST APPLICATION OF DEBUG TURBO SHOULD BE AT THE EARLIEST SIGN OF ANY INFESTATION. AS A PREVENTATIVE IT CAN APPLIED IN EARLY SPRING, AFTER THE THREAT OF FROST IS OVER.

SECOND APPLICATION SHOULD BE ABOUT 10 DAYS AFTER FIRST APPLICATION IN THE SAME MIX PROPORTION AS THE FIRST APPLICATION.

### **SUCCEEDING TREATMENTS**

Succeeding treatments can be done if new infestations occur. Follow the same procedure described under FIRST TREATMENT. MAKE SURE THAT EACH TREATMENT HAS TWO APPLICATIONS.

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