



DEBUG TURBO

APPLICATION RECOMMENDATION FOR GRAPES

- 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 (less than 95°F).
- For the Control of:** Army worms, Beetles, Caterpillars, Fruit tree leaf rollers, fungal diseases, Powdery Mildew, Grape berry moth, grape fruit worms, Grape leaf folders, Grape leaf skeletonizers, Gypsy moths, Hornworms, Loopers, Oblique banded leaf rollers, Omnivorous leaf rollers, mealybugs, Leafhoppers, Virginia Creeper Leafhoppers, and Tobacco bud worms.
- Sprayer Requirements:** Use a sprayer suitable for Grape vines in order to get complete coverage of the leaves. The tractor speed should not exceed 2.0 MPH and spray pressure should be enough to get complete coverage. If using backpack sprayers, please ensure complete coverage of the foliage and vines, including the underside of leaves. 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. ELECTROSTATIC SPRAYERS SEEM TO WORK THE BEST BEING BOTH ECONOMICAL AND EFFECTIVE.

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

FIRST TREATMENT: Mix 1- 2 quarts of DEBUG TURBO (32 - 64 fl. Oz.) in 50- 100 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 with the water used. Alternatively use a 1% solution i.e. 1 gallon of Debug Turbo in 100 gallons water and spray using an electrostatic sprayer.

FIRST APPLICATION OF DEBUG TURBO SHOULD BE WHEN THE LEAVES ARE ABOUT 3 INCHES IN DIAMETER.

SECOND APPLICATION SHOULD BE ABOUT 10 - 15 DAYS AFTER FIRST APPLICATION IN THE SAME MIX PROPORTION AS THE FIRST APPLICATION.

SUCCEEDING TREATMENTS

Succeeding treatments can be done if new infestations occur or as a preventative about every two weeks following the first treatment. Follow the same procedure described under FIRST TREATMENT.