



## **DEBUG TURBO**

### **APPLICATION RECOMMENDATION FOR CANTALOUPE \***

(\* And crops like Cucumbers, Honeydew Melons, Pumpkins, Watermelons, Squashes etc.)

**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:** Aphids, Budworms, Fall armyworms, Leafminers, Pickleworms, Melonworms, Spider Mites, Thrips, Cucumber Beetle, Greenhouse White fly, Rindworms, Sweet Potato Whiteflies, Leaf hoppers, and Maggots.

**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. 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 APPLICATION:** Mix 1 to 2 quarts of DEBUG TURBO (32- 64 fl. Oz.) in a minimum 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 in 100 gallons of water per acre.

FIRST APPLICATION OF DEBUG TURBO SHOULD BE ABOUT 30 DAYS AFTER TRANSPLANT (in case of direct seeding this application should be about 20 days after plants emerge)

**SECOND APPLICATION:** Mix 1 to 2 quarts of DEBUG TURBO (32-64 fl. Oz.) in a minimum 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 in 100 gallons of water per acre.

SECOND APPLICATION OF DEBUG TURBO SHOULD BE ABOUT 7 DAYS AFTER THE FIRST APPLICATION.

**THIRD & SUCCEEDING APPLICATIONS** Apply approximately 15 days after the last application in the same proportion (1-2 quarts or 32- 64 fl. oz. mixed with 100 gallons water) per acre, as a preventative. Follow same method of application as described under first and second application. If infestation persists after second application, third application should be done 7 days after the second application.