



DEBUG TURBO

APPLICATION RECOMMENDATION FOR COTTON

- 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.
- For the Control of:** **Early season insects:** Aphids, Thrips, Boll Weevil, Tarnished plant bug. **Late season insects:** Fall armyworm, Whiteflies, Bollworm, Tobacco budworm, Beet armyworm, Cotton leaf perforators, Leafminer, Spider mite, Lygus, Flea hoppers.
- 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. 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: (APPLICATION RATES ARE PER ACRE)

FIRST APPLICATION: Mix 24 to 48 fl. Oz. of DEBUG TURBO in a minimum 50 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 50 gallons of water per acre.

FIRST APPLICATION OF DEBUG TURBO SHOULD BE ABOUT 30 DAYS AFTER SOWING SEEDS (GERMINATION).

SECOND APPLICATION: Mix 24 to 48 fl. Oz. of DEBUG TURBO 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 AT THE FIRST SIGN OF ANY INFESTATION OR ABOUT 7 DAYS AFTER THE FIRST APPLICATION.

THIRD APPLICATION: Mix 24 to 48 fl. Oz. of DEBUG TURBO 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.

THIRD APPLICATION OF DEBUG TURBO SHOULD BE ABOUT 7 DAYS AFTER THE SECOND APPLICATION, IF THE SECOND APPLICATION WAS MADE DUE TO INFESTATION. IF NO INFESTATION, THEN APPLY ABOUT 25 DAYS AFTER SECOND APPLICATION.

SUCCEEDING APPLICATIONS:

Same rate as for above applications.
SUCCEEDING APPLICATIONS SHOULD FOLLOW ONLY IN CASE OF INFESTATION, IN ABOUT 10 DAYS AFTER THE LAST APPLICATION. IF NO INFESTATION, APPLICATION IS NOT NECESSARY.