

US EPA ARCHIVE DOCUMENT

Addendum to DER for MRID # 00159558
Triadimefon (BAYLETON) Technical - Growth of Green Algae
(*Scenedesmus subspicatus*): Study Number A105/85

1. Chemical: Triadimefon S# 109901
2. Test Material: Technical Triadimefon 91.5%
3. Study Type: S123-2 Algae Growth Inhibition
4. Citation: Heimbach, F., 1985, Test Report Growth Inhibition of Green Algae (*Scenedesmus subspicatus*) by Triadimefon (Technical), Bayer AG Pflanzenschutz Anwendungstechnik, Institute of Environmental Biology, D-50990 Leverkusen Report HBF/A112 Mobay ACD No.: 89081, Mobay Chemical Corporation. MRID # 00159558

5. Reviewed By:

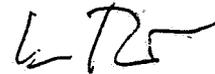
Dennis J. McLane, Wildlife Biologist
Section 1, Ecological Effects Branch
Environmental Fate and Effects Division

Signature: 

Date: 4-13-83

6. Approved By:

Les Touart, Chief, Section 1
Ecological Effects Branch
Environmental Fate and Effects Division

Signature: 

Date: 4-15-83

7. Conclusion:

This study is scientifically sound but does not fulfill the guideline requirements. The study is required on *Selenastrum capricornutum* not *Scenedesmus subspicatus*. The 96-hr EC₅₀ for algal growth rate was 1.71 ppm. the no-observable-effect-concentration (NOEC) was 0.1 ppm (based on range-finding test). the lowest concentration tested with signs of toxicity was 0.56 ppm.

8. Recommendations:

Retest with the appropriate species.

