UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

OK

DATE: August 30, 1978

SUBJECT: Request that manufacturer of glyphosate (Monsanto, St. Louis) be asked to submit completed oncogenicity study on N-nitrosoglyphosate (in hamsters).

FROM: Reto Engler, Ph.D., Acting Deputy Chief, Toxicology Branch, HED/OPP

TO: PM Mr. Robert Taylor

Please refer to TB memo of Dr. M. Quaife, 6/14/78, PP 5F1560, TOX evaluation of studies on N-nitrosoglyphosate, Accession No. 229785.

This group of studies included one which had gone about 6 months (at time of the interim report) on oncogenicity of N-nitrosoglyphosate in hamster. The studies were submitted in support of safety of requested glyphosate tolerances and of registration of the formulated product.

The study should have been completed by this time, or in the near future. It was planned to be an 18-month study, and the 6-month interim report was sent in to EPA in May, 1977.

No final report on this 18-month oncogenicity study on N-nitrosoglyphosate in hamsters has been received by TB. We strongly desire to receive such a report to (1) add to our data base on nitrosoamines and (2) for added support of human safety of glyphosate to exposed persons.

Therefore, we request that you ask the manufacturer of glyphosate, Monsanto, to submit the completed study (18-month oncogenicity study in hamsters on N-nitrosoglyphosate) at his earliest convenience.