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2,4-D/TOX

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

DATE: ~~XXXX~~ August 9, 1977  
SUBJECT: Section 18 Exemption for 2,4-D on soybeans in Louisiana.

FROM: Toxicology Branch

TO: Special Registration Section  
Mr. H. Jamerson

Releasable

AM number of tolerances for 2,4-D are established under 180.142. CB concludes that residues from this use could be in the 0.5-0.75 ppm range. A contribution, if any, to the MTRC (maximal theoretical residue concentration) is extremely small or zero. CB also states that the existing tolerances in meat and milk would cover any residues in these commodities resulting from the use on soybeans. Furthermore the toxicity of 2,4-D is sufficiently studied for tolerance purposes, long-term, reproduction, teratology, and oncogenicity studies are in EPA files showing NEL of 500 ppm and higher.

TB thus concludes that the requested exemption poses no unacceptable hazard to the public health.

*Bob Engler*  
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Toxicology Branch  
Registration Division

*E for OEP 8/9/77*