

A N Z 2

Frank Sanders
PP 6F1849
92C

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

DATE: January 12, 1977

SUBJECT: Tolerances for Aldicarb, see below.
Petition No. : 6F1848 6F1849

FROM: Toxicology Branch

TO: PM, Mr. Frank Sanders
& Chemistry Branch

Petitioner: Union Carbide

Requested Tolerances:	Soybean straw	0.4 ppm
	Soybeans	0.02 ppm
	Dry beans	0.1 ppm

Recommendations: The requested tolerances can be toxicologically supported, other considerations permitting. Toxicological testing of Aldicarb is complete commensurate with section 3 Guidelines. The ADI calculated for man will not be exceeded by the established, the pending, and the presently requested tolerance.

Referenced Petitions: 1792: TOX memos of September 8, and December 28, 1976
1829: TOX memo of September 30, 1976

Review: No new toxicity data were submitted with this petition. Previously submitted data were reviewed in the memos cited above. Based on long-term feeding studies the ADI for man was calculated to be 0.18 mg/day, for a 60 kg man consuming a total diet of 1.5 kg/day. The maximally possible exposure of man based on existing tolerances (CFR 180.269) and on pending tolerances was calculated to be 0.127 mg/day. The tolerances requested with this petition would add maximally 0.0006 mg/day, bringing the grand total to about 0.128 mg/day. We thus can conclude that the ADI is not exceeded.

Reto Engler
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E/uc R 1/12/77