

US EPA ARCHIVE DOCUMENT

PETITION CONTROL BRANCH
ATTN: MR. WILLIAM STOKES

F - ^{P12} ~~4/15~~
Alger
Branch

April 3, 1964

Dr. George E. Whitmore
Petition Review Branch
Division of Toxicological Evaluation

Proposed tolerance for Sevin (carbaryl) on small grains.

PESTICIDE PETITION (No. 405)
FINAL

Union Carbide Corporation
Chemicals Division
New York, New York
(AF 15-522)

USDA's interest in the use of Sevin for the control-eradication of the Cereal Leaf Beetle in Michigan, Indiana, and Ohio has resulted in the original Pesticide Petition No. 405 being supplemented with a tolerance request of 0.0 ppm on small grain instead of 5 ppm, with the 100 ppm requested tolerance on forage and straw of wheat, barley, oats, and rye unchanged.

Division of Food Standards and Additives, Pesticide Branch, concludes that the requested tolerances will not be exceeded by the proposed use.

With no possibility of Sevin being added to the diet of humans by this proposed use, safety to humans is not a consideration of this petition. That 100 ppm of Sevin in the diet of dairy cows is without hazard was demonstrated by data developed by Clayborn, et. al. (J. Ag. Chem. 11: 74; 1953). Feeding Sevin at a diet level of 450 ppm was without effect and residues in meat and milk did not occur.

This data is sufficient to extrapolate that meat residues would not occur in animals ingesting forage and straw from these cereal crops and that no hazard would exist to consuming animals.

CONCLUSION:

This proposed use of Sevin on small grains is without hazard to humans and without hazard to domestic animals consuming forage and straw.

IMI:Blumenthal

cc:
DESA
PCB
DTE
FP No. 405

GE Whitmore:amp 4/3/64

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