

MEMORANDUM OF CONFERENCE

April 27, 1971

PRESENT: Mr. Don Rosin - DuPont Chemical Company
Dr. E. Stula
Dr. K. P. Lee

and

Mr. Jim Lamb - Petitions Control Branch
Dr. Kent Davis - Pathology Branch
Dr. George Whitmore - Toxicology Branch

SUBJECT: Benomyl
Pesticide Petitions - 906, 1000, 1010, 1033, (1045), 1145

File: AP 1145

This conference was related to questions that had been raised in respect to the reported compound effect upon the reproduction organs of the test dogs. The slides had been brought in by DuPont and given to Dr. Kent Davis for examination.

The group met in Dr. Davis' office, where he, Dr. Lee, and Dr. Stula examined the slides from individual dogs. The main idea developed during this meeting was that the DuPont pathologists' grading system was somewhat different than what the EPA pathologists and reviewers were accustomed to. Basically, it appeared that the slides had been grossly overread and that the grading system was quite misleading in respect to the severity of the lesions in relationship to possible damage.

The DuPont pathologists were comparing lesions in their experimental dogs in relationship to each other within the experiment rather than to organ lesions in dogs as an entity.

Individual slides of reproduction organs that Dr. Davis had examined were reexamined by him and the DuPont pathologists, Dr. Stula and Dr. Lee, and there was common agreement that the lesions as found in the slides were, for the most part, what might be commonly found and very likely unrelated to any effects of the ingested compounds.

Dr. Davis was more concerned about liver pathology in the highest dosed dogs and these slides were similarly examined by him and the DuPont pathologists and there was agreement that there were some alterations that appeared to be compound related. It was also brought to the attention of Dr. Davis that the biochemical tests indicated that there was some impairment of liver function at the highest test level.

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Dr. Davis suggested that some special staining of the livers be done to better understand the extent and the importance of the fatty degeneration that had been observed.

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cc:

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PP Nos. 906, 1000, 1010,
1033, 1045, & 1145

GEWhitmore/ccw

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