



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

January 27, 2000

MEMORANDUM

SUBJECT: Review of Draft Study Protocol: Postapplication Exposure Monitoring: Foliar Dislodgeable Residue Dissipation of Penncap-M® on Walnuts

FROM: Jonathan Becker, Ph.D., Environmental Health Scientist
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TO: Laura Parsons
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THRU: Al Nielsen, Senior Scientist
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Please find attached a review of a study protocol addressing mixer / loader exposure (for aerial application) to Penncap-M using biological monitoring.

DB Barcode: D261459

Pesticide Chemical Code: 053501

Table 1: Identifying Information

Title:	Postapplication Exposure Monitoring: Foliar Dislodgeable Residue Dissipation of Penncap-M® on Walnuts
Sponsor(s):	Elf Atochem North America, Inc.; Agrichemicals Division; 2000 Market Street, 21 st Floor; Philadelphia, PA 19103-3222
Testing Facility:	Excel Research Services, Inc., 3021 W. Dakota, Suite 110, Fresno, CA 93722
Study Director:	Tami I. Belcher (Excel Research Services, Inc.
Analytical Lab:	Morse Laboratories, Inc. 1525 Fulton Avenue Sacramento, CA 95825
MRID Number:	449842-05
Protocol Date	01 November 1999
Other Identification Codes:	KP-2000-03; ERS 20003

HED has reviewed this study protocol and determined that the following areas require additional description and discussion:

Study Location. The OPPTS Guideline specifies that studies should be conducted at three geographic locations. Provide additional information justifying the use of only two locations for the proposed study.

Relationship of Studies. Please include a description of the inter-relationship of this study with other studies (e.g., KP-2000-05, KP-2000-06) being conducted on walnuts for methyl parathion, if any.