

Reviewer's report

Title: Longitudinal Trends in Organophosphate Incidents Reported to the National Pesticide Information Center, 1995-2007

Version: 1 **Date:** 24 March 2009

Reviewer: Ruth Allen

Reviewer's report:

Minor Essential Revisions

1. P. 3, the sentence that includes reference [3] needs clarification to refer to all "residential" use of chlorpyrifos. As written it is misleading, because commercial and agricultural uses of chlorpyrifos were retained and by volume these far exceed the residential uses.
2. Address the possibility of undercounting by use of only the common name of the pesticide. Does the NPIC protocol call for the specialist to enter chlorpyrifos if the caller says dursban or some other trade name? If so, clarify that point.
3. P. 6. Add qualifier to the sentence that includes "access predicts incidents...." That is only true if the chemical has the extreme toxicity of an OP like chlorpyrifos or diazinon.

- Discretionary Revisions

1. It would be useful to the overall mission of public health protection and worker health protection to state how many occupational reports there were for chlorpyrifos and diazinon in NPIC reports for the same time periods of this study, even though these results were not analyzed in detail. Pesticide educators can use such information for educational purposes and to link lessons learned in residential settings to lessons still being learned in the occupational arena.

Please note that both the comments entered here and answers to the questions below constitute the report, bearing your name, that will be passed on to the authors and published on the website if the article is accepted.

Level of interest: An article of importance in its field

Quality of written English: Needs some language corrections before being published

Statistical review: No, the manuscript does not need to be seen by a statistician.

Declaration of competing interests:

I declare that I have no competing interests'.