



SDI Review Form 1.6

PART 1:

Journal Name:	International Journal of TROPICAL DISEASE & Health
Manuscript Number:	MS: 2012/IJTDH/2110
Title of the Manuscript:	Evaluation of field performance of insecticide-treated mosquito nets in north-western Burkina Faso

General guideline for Peer Review process: *(Note: Title of different sections as proposed below may differ in case of review paper / case reports)*

- This paper is a well-written very brief surveillance report describing ITN insecticide properties in a region of Burkina Faso. Conclusion: Deltamethrin remains viable several years after distribution in ITN in an area that includes deltamethrin use for agriculture. Insecticide resistance has been one of many questions about the sustainability of ITNs. The data was collected in 2008, so results here are dated.
- Materials & methods. Methods suitable. The paper does a great job of describing methods given the economy of the presentation, however, details about how a random sample was selected would be helpful. For example, it appears only a minority of households had bednets, were they mapped and then randomly selected? What properties of these households? (Normally a Table 1 socio-demographic presentation issue.) How were towns chosen? Also, authors discussed project that distributed those nets. More detail needed.
- Results & discussion. Observational study. No mention if nets were dipped, or in fact, how maintained, other than they were washed. This reader disappointed that so many other issues related to use and sustainability were not addressed in the paper (cf. http://www.who.int/malaria/publications/atoz/itn_r62.pdf). Understand not appropriate for purpose of paper as developed here, but perhaps in other publications? Cite? More could have been made of controversies about deltamethrin persistence and resistance in agricultural areas to draw attention to the paper and its conclusion. Overall, not sure of level of interest in a paper written this narrowly.
- Citations minimal but adequate for purposes of short communication.



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PART 2: Review Comments

	Reviewer's comment	Author's comment <i>(if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
<u>Compulsory</u> REVISION comments	Details of sampling: site selection, household selection, refusals? Some detail of original project and activities that could confound results.	
<u>Minor</u> REVISION comments		
<u>Optional/General</u> comments	In general, not sure of level of interest in a paper written his narrowly about insecticide properties in 2008. This is just a small part of the whole sustainability issue. Publication should reflect journal policy of publishing brief field reports. Could spend a few sentences/citations on issues related to deltamethrin use in areas where used for agriculture. Any update 2012?	

Reviewer Details:

Name:	Carl Kendall
Department, University & Country	School of Public Health and Tropical Medicine, Tulane University, USA