



SDI Review Form 1.6

Journal Name:	<u>British Journal of Mathematics & Computer Science</u>
Manuscript Number:	Ms_BJMCS_33991
Title of the Manuscript:	MATHEMATICAL ANALYSIS OF PLANT DISEASE DISPERSION MODEL THAT INCORPORATES WIND STRENGTH AND INSECT VECTOR AT EQUILIBRIUM
Type of the Article	

General guideline for Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound.

To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)



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PART 1: Review Comments

	Reviewer's comment	Author's comment (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)
Compulsory REVISION comments		
Minor REVISION comments	This paper formulates and analyzes a dynamical nonlinear plant vector borne dispersion disease model that incorporates insect and plant population at equilibrium and wind as a parameter of climate change, to determine R_0, local and global stability in addition to sensitivity analysis of the basic reproduction number R_0. The paper is well organized and its presentation is basically acceptable. The obtained results are also interesting. In my opinion, this paper contains publishable results. The following are some comments that the authors might like to take into account when revising the paper: The motivation on the study should be further emphasized. In particular, the main advantages of the results in this paper over some existing ones should be clearly demonstrated. * Some more remarks after the development of the main results would be helpful.	➤ Thanks for compliment ➤ More models to compare with our model were included ➤ More remarks after main results were added in the conclusion
Optional/General comments		