



SDI Review Form 1.6

PART 1:

Journal Name:	British Journal of Applied Science & Technology
Manuscript Number:	MS: 2012/BJAST/2252
Title of the Manuscript:	Optimization of the Residence Time and Throughput in a Single Screw Extrusion of Cassava/African yam bean Mixtures.

General guideline for Peer Review process is available in this link:

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

- This form has total 9 parts. Kindly note that you should use all the parts of this review form.



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PART 2: 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)
<u>Compulsory</u> REVISION comments	1.L57. The sample should describe the approximate composition (including the moisture content) of two kinds of flour, and also the blend ratio of flour. 2.L75 What is the length and diameter of the extruder? What is the diameter of the die? 3.L124 r^2 should be R^2? 4.The biggest error is the lack of fit are significantly all the two model. For a linear regression model ($E(Y X) = \beta_0 + \beta_1 x$), we usually used the hypothesis $H_0: E(Y X) = \beta_0 + \beta_1 x$ (linear model is appropriate) vs. $H_1: E(Y X) \neq \beta_0 + \beta_1 x$ (linear model is not appropriate) if the lack of fit is significant, then we accept the H_1 hypothesis, which means the model is not appropriate. According to Table 4 and 5, both of the lack of fit of the two models are significantly, and that means the two models are not appropriate although the regression model are significantly. Therefore, both of the models are incorrect and all the results are incorrect too. This mistake is usually found in RSM user.	
<u>Minor</u> REVISION comments		



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<u>Optional/General</u> comments		
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Reviewer Details:

Name:	Ming-Chih Shih
Department, University & Country	Department of Food, Health and Nutrition Science, Chinese Culture University, 55, Hwa Kang Road, Taipei 11114, Taiwan, ROC