SDI Review Form 1.6

Journal Name:	**Journal of Experimental Agriculture International**
Manuscript Number:	**Ms_JEAI_48464**
Title of the Manuscript:	**COMPONENTS OF TREE BIOMASS IN AN INTEGRATED CROP-LIVESTOCK-FOREST SYSTEM**
Type of the Article	**ORIGINAL RESEARCH 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:

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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	**Use the appropriate font size and template for the manuscript.**	Yes.
Minor REVISION comments	What was the study design? How was the data analysed? Certain figures were poorly labelled.	The experimental area consists of an integrated crop-livestock-forest system that tends towards the east-west direction. Tree planting was carried out with clones of the hybrid *Eucalyptus grandis* x *Eucalyptus urophylla* (GG 100) in 2008 in an area of approximately four hectares (ha). The trees were arranged in double rows (1 m x 1 m x 26 m), occupying 1.4 ha of the total area of the system. In order to relate the DBHs and biomass components of each tree, linear regressions were performed for each component: wood, bark, branches, and leaves. For the volumetric models, the DBH and the total height of the tree were considered the independent variables, and the total volumes and the trunk with the bark were dependent variables. Four volumetric models, one single-entry and three double-entry, were chosen because they were the most used for the quantification of the production in forest stands and have not yet been tested in integrated CLF systems. The volumetric models were adjusted and evaluated by means of adjustment and precision statistics, following the importance proposed by **Draper and Smith** : graphical analysis of the residues; estimate of the standard error in percentage (Syx%) that indicates the proximity between the estimated values and those observed and the closer to zero the model and the determination coefficient (R2) that shows how much the dependent variables are explained by the independents and, in this case, the closer to a better model. All figures were checked and re-labelled when necessary.
Optional/General comments		

PART 2:

	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)*
Are there ethical issues in this manuscript?	*(If yes, Kindly please write down the ethical issues here in details)*	There are not.