SDI Review Form 1.6

PART 1:

Journal Name:	American Journal of Experimental Agriculture
Manuscript Number:	**2013 AJEA 4361**
Title of the Manuscript:	**STUDY ON THE EFFECTS OF FRESH SHOOT BIOMASS OF TITHONIA DIVERSIFOLIA ON THE GERMINATION, GROWTH AND YIELD OF COWPEA (VIGNA UNGUICULATA L.)**
Type of the Article	**Case Study**

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 7 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)*
Compulsory REVISION comments	Ln 32 – Southern Europe Ln 33 – Southern USA Ln 37 – 2 million tonnes Ln 49 – Include the geographical location of the study site; include the volume of soil used to fill the pots Ln 76 – At what level of significance? I think the level of significance or probability should be indicated in the text. Ln 78 – Were the differences in heights significant or not and at what level? Ln 134 – 'production' should be removed from yield in that context. Ln 135 – Chromoleana odorata should be italicised Ln 140 – Tithonia diversifolia should be italicised Line 145 – there should be comma after 'plant population'	
Minor REVISION comments	Ln 52 – *T. diversifolia* Ln 53 – mortar and pestle OR pestle and mortar? Lns 55 and 56 – *T. diversifolia* Ln 58 – Cowpea or cowpea? What variety of cowpea was sown and at what sowing depth? Ln 59 – July or july? Ln 61 – What was the rationale for sowing 10 seeds per pot and later thin it to 1 seedling per pot? Won't it amount to seed wastage?	

Optional/General comments	Ln 31- Cowpea is an important food crop/grain legume Ln 50 – Is the degraded soil lateritic in nature or is it a sub-soil? Ln 66 – Data collected were analysed using ANOVA and means separated using DMRT. Did you subject your data or analyse it? Lns 70 – 73: Don't you think it should be 'percentage emergence and not emergence percentage'?	Corrected to grain legume. Data collected were statistically analysed. 'Emergence percentage' is more appropriate