



SDI Review Form 1.6

Journal Name:	American Journal of Experimental Agriculture
Manuscript Number:	2015_AJEA_18307
Title of the Manuscript:	EFFECT OF WATER AVAILABILITY ON THE ESTABLISHMENT, GROWTH, DEVELOPMENT AND YIELD OF OIL PALM IN GHANA
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:

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



SDI Review Form 1.6

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	In general, the manuscript highlight on the effect of water availability on the establishment, growth and development yield of oil plam in Ghana. The manuscript is considered to be accepted with minor correction. Kindly consider the following technical comments: Abstract: (i) Please include the scientific method used to determine and analyse of the water avaiability, rainfall, treatment, and vegetative measurement (ii) Please indicate the sample size which specific research area involved for this analysis Introduction (i) Please provide the literature on effect of water content on different type of plant at different duration (ii) Please give details on factor that contribute to the volume of water content in plant especially for the oil plam (iii) Please provide a scientific mechanism on the adsorption of water from surrounding to oil palm plant Results and discussion: (i) Kindly provide details discussion on: 1. Effect of time / month of transplant on LA 2. Effect of time / month of transplant	(i) The scientific method in included. RCBD (11) The sample size is indicated as well as plot size. Introduction (i) That will be too broad. In students thesis that one is allowed but in research work, inclusion of effect of water availability on different type of crop will just increase the volume of your literature (ii) The research work is not talking about the water content of the plant itself but how soil moisture will affect establishment, growth and yield (iii) That is more of physiology. This is out of context. Results and discussion These suggestions (1-5) are in there already.



SDI Review Form 1.6

	on LAI 3. Effect of transplanting time on palm height 4. Effect of different planting time on frond dry weight 5. Palm yield (tons/ha) in response to time of transplanting	
<u>Minor</u> REVISION comments		
<u>Optional/General</u> comments	The manuscript is advised to go for the English Editing	done