



SDI Review Form 1.6

Journal Name:	Journal of Experimental Agriculture International
Manuscript Number:	Ms_JEAI_42422
Title of the Manuscript:	Production characteristics of watermelon, under different coverings and irrigation with deficit, using the ISAREG model
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>)

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	1) Which country in which the work has been done? 2) The duration of the experiment is not clear 3) What is the origin of the watermelon seeds? 4) Have the seeds used in the experiment planted in the area before? 5) Types of and specifications of the materials used in covering? 6) How many seeds or plant in area unit? 7) Did you check the effect of the ISAREG system on the characteristics of the fruits produced? 8) Area of the plot and subplot? 9) How many plants in each plot?	1) Brazil 2) The duration of the experiment was 6 months. 3) The watermelon seeds were obtained in agricultural store. 4) No 5) rice husk, with white mulching and with black mulching 6) There were approximately 864 plants throughout the experimental area (864 m²). 7) Yes. The ISAREG model, when properly fed with the variables required by it, demonstrates efficiency in water balance simulation, even under deficit irrigation, in watermelon cultivation, making irrigation management more efficient, occasionally saving water and energy to the producers in the Jaguaribe Apodi Irrigation District - DIJA, in Brazil. 8) Area plot = 216 m² and Area subplot = 24 m² 9) 216
Minor REVISION comments	Title should be revised to: Production characteristics of watermelon under different coverings and irrigation depth levels using the ISAREG model	Production characteristics of watermelon under different coverings and irrigation depth levels using the ISAREG model
Optional/General comments	The work has been well designed and executed. However, some corrections are needed before publication	