



SDI Review Form 1.6

Journal Name:	Journal of Experimental Agriculture International
Manuscript Number:	Ms_JEAI_45695
Title of the Manuscript:	Economic Opportunity for Investment in Soybean+Sunflower Crop System in Mato Grosso, Brazil
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>)



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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	<p>Table title should be simple, it is too long and not good. In addition, tables cannot be separated (line 276-282), (line 158-162), and (line 187-191).</p> <p>What are your recommendations related to the results of a sensitivity analysis of the feasibility of soybean and sunflower business? It is very important and interesting. (line 322-337)</p> <p>The number of references (line 430)</p>	<p>Decreases the size of the title and added the necessary information to understand the table in the footer of the table itself. On the table being divided into two pages, the final edition will be corrected.</p> <p>Sensitivity analysis was added at completion.</p> <p>The number of references has been corrected.</p>
Minor REVISION comments	<p>Give explanation about it (line 110)</p>	<p>The explanation of each of the tributes in force in the state of Mato Grosso can be quickly verified in the addresses shown in the footer on page 3.</p>
Optional/General comments	<p>Use of general terms internal rate of return and payback period (line 11-12)</p> <p>Do these two plants have the same cultivation? how do you partially estimate the cost of producing soybeans and sunflowers? Soybeans are planted first then sunflowers, or vice versa, or both are planted simultaneously. This will determine the structure of fixed costs and / or variable costs. (Line 49)</p> <p>How can we compare two commodities with different land areas. In addition, two commodities with intercropping and monoculture patterns will be analyzed differently. You have explained it in detail, but I cannot understand it (line 216-218)</p>	<p>All corrections have been made.</p> <p>Soy and sunflower are different crops. First sow the soy. After harvesting the soybeans, sow the sunflower in succession. Such information is contained in lines 58-60 of the methodology section of the study. The cost of production was done separately by crop, according to the methodology and results of the work sections. Fixed costs were included in the cost of production of soybeans, which is the main crop, as is normally done.</p> <p>The soybean and sunflower growing areas are different because in the production system practiced in Brazil, where two crops are cultivated in the same area and the same agricultural year (around six months of rainfall), it is not possible to sow the entire agricultural area (in this case the sunflower), because after harvesting the soybean (main crop), farmers have little time to sow the second crop (sunflower) in order to take advantage of all the natural availability of the climatic condition (mainly rain) throughout the cycle of the second crop. Therefore, before the sowing of the total available area, the recommended period for the safe sowing of agricultural crops has passed, considering the continuous supply of rain that the crop should have until the end of its cycle, which in the case of sunflower is in around 100 days.</p>

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?	<p><i>(If yes, Kindly please write down the ethical issues here in details)</i></p>	