



SDI Review Form 1.6

Journal Name:	Journal of Experimental Agriculture International
Manuscript Number:	Ms_JEAI_43020
Title of the Manuscript:	Irrigation Levels and Potassium Doses in the Sunflower Growth at Greenhouse
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	Line 9-10 (Abstract) and line 56: Scientific name should be italic or under line format. Line 11: sunflower should be used instead of its scientific name. "tensiometer" is too general. Keywords should point out your research and related to the topic. Words such as sunflower, soil moisture, potassium concentration, plant nutrition, plant growth, ... are better. Line 47-50: Analytical methods should be provided briefly. Different method gives different result. For example; available P (Bray No. 2) was 2.5 mg dm³, exchangeable K (1 M ammonium acetate pH 7) was 28 mg dm³. Line 49-50: Abbreviations (M.O, CTC and V) should be used after giving full words. Full words together with abbreviations should be provided on the first appear such as organic matter (OM), cation exchange capacity (CEC). Figure 2 and 3: Numbers and mathematical equations should be well prepared, not just copy and past. "9,8 10 10,2 ..." should be rewrite to "9.8 10.0 10.2 ...". "$y = 0,0117^{***}x + 8,9925$" should be rewrite to "$y = 0.0117x + 8.9925$". Significant levels should be given elsewhere. English format should be followed, do not mix with other language.	- The reviewers' recommendation was adhered to. - The reviewers' recommendation was adhered to. -Analytical methods were provided as requested. - The reviewers' recommendation was adhered to. -The reviewers' recommendation was adhered to.
Minor REVISION comments	Line 3,4 (title): "Effect of soil moisture and potassium concentrations on sunflower growth" is suggested for your title. Line 18: "by-product" or "co-product" is more common used. Line 25: "mineral fertilizers" is more precise meaning. Line 29, 31: "concentration" should be used instead of "quantity". Line 37: "Materials" not "Material" Line 44: "was collected from 0.0 to 0.2 m depth" is more precise meaning. Line 46: "to study chemical properties and particle-size composition"	- The title of the work was readjusted. - The reviewers' recommendation was adhered to. - The reviewers' recommendation was adhered to. - The reviewers' recommendation was adhered to. - The reviewers' recommendation was adhered to. - The reviewers' recommendation was adhered to. - The reviewers' recommendation was adhered to. - The reviewers' recommendation was adhered to. - The reviewers' recommendation was adhered to.



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	Line 56: Scientific name should be used previously (line 16). Line 57: "90 to 100 days after germination" or :90 to 100 days after sowing" Line 59: Chemical name or fertilizer formula of superphosphate should be specified. Is it a single superphosphate (0-20-0) or triple superphosphate (0-45-0). Line 59: Nutrient compositions of a commercial FTE BR-12 should be specified. Figure 1B: Quadratic or Mitscherlich equation is more realistic for explanation of plant height. Figure 3D: Quadratic or Mitscherlich equation is more realistic. Line 235-243 (conclusion): The conclusion should be written in comprehensive description. Do not write in numbering list format.	- 90-100 days of cultivation after sowing. - Simple superphosphate was used as a source of phosphorus. - The reviewers' recommendation was adhered to. - Based on the statistical analysis, the variable adjusted to the linear regression model. - Based on the statistical analysis, the variable adjusted to the linear regression model. - The reviewers' recommendation was adhered to.
<u>Optional/General</u> comments	English should be re-corrected. Too many mistakes.	- The reviewers' recommendation was adhered to