



SDI FINAL EVALUATION FORM 1.1

PART 1:

Journal Name:	Archives of Current Research International
Manuscript Number:	Ms_ACRI_41974
Title of the Manuscript:	DOUBLE RING INFILTRMETER FOR MEASURING SOIL INFILTRATION RATE
New title of the Manuscript:	EFFECT OF SOIL TEXTURE ON SOIL INFILTRATION RATE
Type of Article:	

PART 2:

FINAL EVALUATOR'S comments on revised paper (if any)	Authors' response to final evaluator's comments
1- The title can be: “MEASURING INFILTRATION RATE FOR TWO DIFFERENT SOIL TEXTURES” 2- To make the objectives of the paper obvious, I see that: Line 12: Add the highlighted text. the two soil locations can be texturally classified as sandy clay for the first location and clay for the second location. Line 13: Add the highlighted text. Employing modified Kostiaikov method, the infiltration depths obtained from the double ring infiltrometer test are $0.97t^{1.22} - 2.9$ and $0.25t^{1.22} - 2.0$ for the two locations respectively. Line 56: Delete: (1960) and Add: [5] Line 99: Add the highlighted text. As illustrated in tables 5 and 6, using the soil Lines 166-168: Delete : as shown in table 7 and as shown in table 8 Lines 169-170: Add the highlighted text. Employing modified Kostiaikov method, the infiltration depths obtained from the double ring infiltrometer test are $0.97t^{1.22} - 2.9$ and $0.25t^{1.22} - 2.0$ for the two locations respectively. Lines 175-178: It is better to be before line 171. Line 183: 13 References (9, 11, 14, 16, 17, 19, 20, 21, 23, 24, 25, 28, and 29) are not stated in the text. These references can be deleted OR assigned through the text. Line 190: “Bartrand, A.R; Parr, J.F (1960). Development of a Portable Sprinting Infiltrometer. 7th Int.Biswas, T.D.”	



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I think that the Ref. 5 has to be completed correctly, then Start with a new number the Ref. Biswas, T.D;

3- Tables 1, 2, 3, 4, 5, 6, 7 and 8 have to be before figure 4 (begin at line 108).

4- It will be great to represent graphically the 2 equations deduced from Kostiakov. Figure 5 contains infiltration rate ONLY. Figure 6 contains both measured and Kostiakov accumulated infiltration. Similarly, Figure 7 contains infiltration rate ONLY. Figure 8 contains both measured and Kostiakov accumulated infiltration.

Reviewer Details:

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