

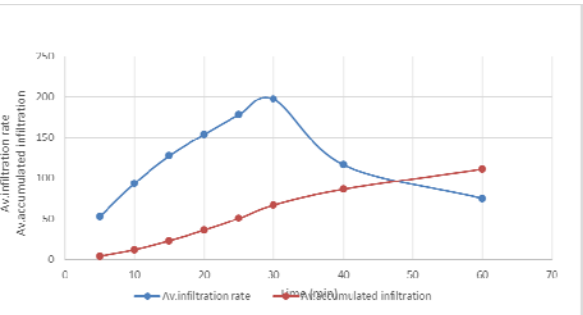


SDI FINAL EVALUATION FORM 1.1

PART 1:

Journal Name:	Archives of Current Research International
Manuscript Number:	Ms_ACRI_41974
Title of the Manuscript:	DOUBLE RING INFILTROMETER 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																																																												
As previous reviewing , the same comments are found, only the title of the paper changed: Aouthe words "From table 7 and 8, the infiltration rate (cm/hr) for the two points on the field were initially high and decreases sharply with time". But on the graphs (Fig.5 and Fig.6), the trend of the infiltration rate (cm/hr) increased with time (blue curve) until point 30 min then decreased. Also, in table 7 and 8, the infiltration rate (cm/hr) increased with time (start from 0 to 75 cm/h in table 7 and to 26 cm/h in table 8) and this is wrong result. Table 7 <table><tr><th>Time (mins)</th><th>Depth after filling (cm)</th><th>Depth before refilling (cm)</th><th>Depth of water infiltrated (cm)</th><th>Average infiltration rate (cm/hr)</th><th>Average accumulated infiltration (units)</th></tr><tr><td>0</td><td>30</td><td>0.0</td><td>0.0</td><td>0.0</td><td>0</td></tr><tr><td>5</td><td>30</td><td>25.6</td><td>4.4</td><td>52.8</td><td>4.4</td></tr><tr><td>10</td><td>30</td><td>22.2</td><td>7.8</td><td>93.6</td><td>12.2</td></tr><tr><td>15</td><td>30</td><td>19.4</td><td>10.6</td><td>127.2</td><td>23.0</td></tr><tr><td>20</td><td>30</td><td>17.2</td><td>12.8</td><td>153.6</td><td>36.0</td></tr><tr><td>25</td><td>30</td><td>15.2</td><td>14.8</td><td>177.6</td><td>50.4</td></tr><tr><td>30</td><td>30</td><td>13.6</td><td>16.4</td><td>196.8</td><td>67.0</td></tr><tr><td>40</td><td>30</td><td>10.6</td><td>19.4</td><td>116.4</td><td>86.2</td></tr><tr><td>60</td><td>30</td><td>5.0</td><td>25.0</td><td>75.0</td><td>111.2</td></tr></table> 	Time (mins)	Depth after filling (cm)	Depth before refilling (cm)	Depth of water infiltrated (cm)	Average infiltration rate (cm/hr)	Average accumulated infiltration (units)	0	30	0.0	0.0	0.0	0	5	30	25.6	4.4	52.8	4.4	10	30	22.2	7.8	93.6	12.2	15	30	19.4	10.6	127.2	23.0	20	30	17.2	12.8	153.6	36.0	25	30	15.2	14.8	177.6	50.4	30	30	13.6	16.4	196.8	67.0	40	30	10.6	19.4	116.4	86.2	60	30	5.0	25.0	75.0	111.2	
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- The author/s words "the presence of dense cover vegetation, such as grass or forest tends to increase infiltration. The vegetation not only provides protection from erosion and compaction due to due to rain but also provides a layer of decaying organic matter which promotes the activity of burrowing insects and animals". In the text there were no data in the text provided to support these findings).
- The author/s words" the field capacity varied at different points of location and depths. It increased with depth. The rate at which soils approach an average field capacity is slower with clayey soils". In the text there were no data in the text provided to support these findings).

- Also, the summation of silt+ sand + clay must be 100% in Table 5

Depth	%	%	%	Summation	%	%	%	Summation
(cm)	Sand	Silt	Clay	%	Sand	Silt	Clay	%
0-30	56.3	2.3	0	58.6	53.9	1.1	0	55.0
30-60	49.6	3.0	0	52.6	40.7	4.1	0	48.8

- Delete the tables 1,2,3 and 4 .
- Rearrange the number of references in the text, according to [1, 15], it must be [1,2]

PART 3: Objective Evaluation:

Guideline	MARKS for this REVISED manuscript
Give OVERALL MARKS you want to give to this REVISED manuscript (Highest: 10 Lowest: 0) 4	
Guideline: Accept (8-10) Revision required: (4-8) 4 Rejected: (0-4) 3	

Reviewer Details:

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