



SDI Review Form 1.6

Journal Name:	Asian Journal of Agricultural Extension, Economics & Sociology
Manuscript Number:	Ms_AJAEES_42451
Title of the Manuscript:	Scale to measure attitude of farmers towards recommended water management technologies and practices
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>)



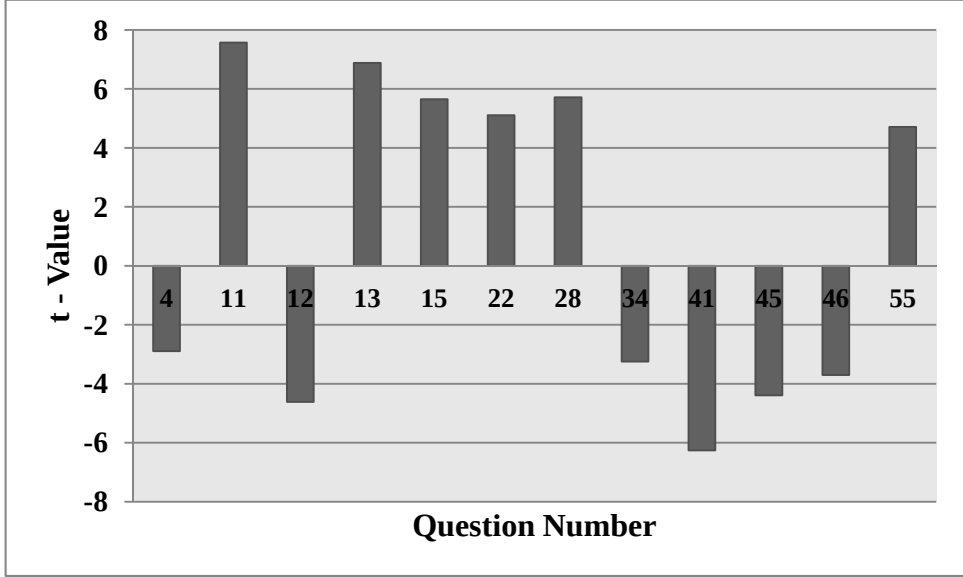
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PART 1: Review Comments

	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	1- For all the paper starting from Abstract, the word “was” (or any past tense) has to be replaced properly in the present tense. 2- Abstract: a) Line 10: ICAR has to be defined here, instead of line 17. b) The objective of the paper has to be existed clearly. So, the following paragraph is likely to be added at line 11, after “other organization”. Line 11: “In this paper, a scale is developed that can be used to assess the attitude of farmers towards recommended water management technologies and practices in order to frame various developmental programs.” c) Line 15: The ward “about” is not suitable. Delete it. 3- Layout of the paper is preferred to be understood. It may be as follows: 1. Introduction Lines 28:34 2. Methodology Lines 35:40 2.1 Collection and editing of items Lines 41:48 2.2 Relevancy test Lines 49:65 2.2.1 Relevancy Percentage Lines 66:68 2.2.2 Relevancy Weightage (RW) Lines 69:74 2.2.3 Mean Relevancy Score (MRS) Lines 75:94 2.3 Item Analysis and Calculation of “t” value Lines 95:134 2.4 Reliability of attitude scale Lines 135:137 2.4.1 Split-Half Methodology Lines 138:151 2.4.2 Validity of attitude scale Lines 152:166 3. Results and Discussion Lines 167:183 4. Conclusion Lines 184:193 5. References Lines 194:206 4- Figure 1, Line 40: a) I see that the first two items have to be written together. Then, there will be 4 main items. b) “... Statements” may be better than “Number of statements ...”. 5- All equations have to be numbered. 6- Line 117: What is the difference between X_H and X_H? Define both. 7- Line 169: “Thus, 6” NOT “Thus, 7”. 8- Table 2, Line 172: It is better to represent this table graphically also (Column Chart).	1. As advised by the reviewer, corrections have been done by replacing the past tense with present tense and highlighted in the manuscript. 2. Abstract a) The definition of ICAR has been included in line 10 instead of line 17, and highlighted in the manuscript b) As recommended the objective stated clearly at line 11 after “other organization”, and highlighted in the manuscript c) the word “about” is deleted as advised 3) As recommended the layout of the paper has been changed considerably, so that the sequence of methodology used could be understood better. Further few corrections have been made in sub headings for easy follow-up of tools and methodology used. The changes done are highlighted in the manuscript. 4) a) As suggested the first two items have been merged in the figure 1. With only 4 main items remaining. b) number of statements has been replaced with statements 5) the equations are inserted using the “equation insertion” and numbered accordingly 6) The difference between X_H and X_H is defined in the manuscript and highlighted the changes 7) Yes its “thus 6”, changed and highlighted 8) The table can't be represented graphically as the statement represents only the degree of favourableness (positive) and unfavourableness (negative). Hence it doesn't yield any negative “t value”, so representing the table graphically (as illustrated by the reviewer) can lead to misinterpretation of the scale. To avoid the confusion changes have been made to the table 2



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	<table><caption>Data for Figure 2: The final attitude scale</caption><tr><th>Question Number</th><th>t - Value</th></tr><tr><td>4</td><td>-3.0</td></tr><tr><td>11</td><td>7.5</td></tr><tr><td>12</td><td>-5.0</td></tr><tr><td>13</td><td>7.0</td></tr><tr><td>15</td><td>5.5</td></tr><tr><td>22</td><td>5.0</td></tr><tr><td>28</td><td>5.5</td></tr><tr><td>34</td><td>-3.5</td></tr><tr><td>41</td><td>-6.5</td></tr><tr><td>45</td><td>-4.5</td></tr><tr><td>46</td><td>-4.0</td></tr><tr><td>55</td><td>4.5</td></tr></table> Figure 2: The final attitude scale 9- References, Line 194: Only 6 references. All references are old. Are there new references?	Question Number	t - Value	4	-3.0	11	7.5	12	-5.0	13	7.0	15	5.5	22	5.0	28	5.5	34	-3.5	41	-6.5	45	-4.5	46	-4.0	55	4.5	representation , as it contains the final scale for inclusion. 9) As it's the methodological (basic) research base references are from books which are being followed from ages. Still few references have been updated for further clarification.
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4	-3.0																											
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41	-6.5																											
45	-4.5																											
46	-4.0																											
55	4.5																											
Minor REVISION comments	General revision for language and grammar.	As proposed revision for language and grammar has been carried out. If still reviewers advise specifically I will oblige to do so.																										
Optional/General comments	1- Table 1 (line 132) can be divided into 2 tables, <u>as follows</u>: Table 1: Positive statements , and Table 2: Negative statements 2- <u>Keywords</u>: Attitude scale, water management technologies, Relevancy test, t-value, Split-Half Methodology	1) As already mentioned the statement in table 1 represents only the degree of favourableness (positive) and unfavourableness (negative). So dividing the table will lead to use of the scale as it is, without shuffling the statements, which will yield erroneous results. (as it is randomly placed naturally) 3. As advocated few more keywords have been added to the manuscript and highlighted.																										