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Journal Name:	Current Journal of Applied Science and Technology
Manuscript Number:	**Ms_CJAST_46902**
Title of the Manuscript:	**Response of different irrigation levels on vegetative parameters of Sweet Cherry grown in a high density planting system**
Type of the Article	**Original research papers**

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.
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SDI Review Form 1.6

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- I tried to find this equation" ETc or WR = DE x KC x AA x PC x AC÷IE" in FAO documents I could not. Would you mind please add reference to this equation! Another issue is that it is known from FAO that ETr for pan is equal = PC*ETp where ETr is reference evapotranspiration, PC Pan coefficient and ETp pan evapotranspiration Or ETC = Kc *ETr where ETr is reference evapotranspiration and Kc is the crop coefficient. In that case the equation for crop ET is equal to ETC = PC*ETp*Kc Add to that how the authors calculated the PC it is known that PC for class A pan is equal to PC = 0.108 - 0.0286 u2 + 0.0422 ln(FET) +0.1434 ln(RHmean) - 0.000631 [ln(FET)]2 ln(RHmean) For green fetch Or PC = Kp = 0.61 + 0.00341 RHmean - 0.000162 u2 RHmean - 0.00000959 u2 FET + 0.00327 u2 ln(FET) - 0.00289 u2 ln(86.4 u2) - 0.0106 ln(86.4 u2)ln(FET) + 0.00063 [ln(FET)]2ln(86.4 u2) u2 average daily wind speed at 2 m height (m s-1) RHmean average daily relative humidity [%] = (RHmax + RHmin)/2 FET fetch, or distance of the identified surface type (grass or short green agricultural crop for case A, dry crop or bare soil for case B upwind of the evaporation pan) Check FAO documentation. 2- It would be better use graphs instead of tables 1,2,3,4 and 5 3- What is Epan in discussion section never mentioned before 4- Conclusion is very concise and need to expanded with a short and brief explanation about the different experiments results 5- You need to use an up to date references the newest one is 2010 The following reference must be discussed compared and added to references Cigdem Demirtas, Umran Erturk, Senih Yazgan, Effects of different irrigation levels on the vegetative growth, flower bud formation and fruit quality of sweet cherry in western part of Turkey, April 2008, Journal of Food Agriculture and Environment 6(2) Add more recent and up to date related references. 6- English language of the manuscript needs improvement	
Minor REVISION comments	1- In the title I suggest to use physical instead of "vegetative" word 2- In the abstract first line, what do you mean by four year old? Is it planted 4 years ago ? if it is not the case change the sentence 3- It is better to say a simple sentence for the sweet cherry type and location i.e "four year old plants of two types sweet cherry in an agricultural area in Jammu and Kashmir. The period of experiments cover the years from 2016 to 2018. The experiments … 4- Change "non significant" to "insignificant" 5- No need for competing interest in the paper may be an acknowledgement is better	
Optional/General comments		

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?	*(If yes, Kindly please write down the ethical issues here in details)*	

Reviewer Details:

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