

Dear Sir

Thanks very much for your efforts and useful comments about our manuscript. We are very grateful and appreciate your good comments which help us to make the paper more quality and accurate. We responded to all the comments of the reviewers and heightened the changes in the manuscript, so anyone can follow the corrections. We have modified the manuscript accordingly, and the detailed corrections are listed below point by point and we hope this edition is more suitable and cover all the comments. REVIEWER 2

Commented [a1]: Title may revised as Impact of *Trichoderma asperellum* attenuation on chilling and drought stress in tomato (*Solanum lycopersicum*)

Response: Needful is done (lines 2-3)

Commented [a2]: force

Response: Corrected (line 19)

Commented [a3]: Food security

Response: Corrected (line 20)

Commented [a4]: The current study

Please replace the word 'we' with 'The current study/ The present study'.

(Ethically, consider readers as prime customers of manuscript and write sentences in a third person manner. Please don't use the term 'I', 'we', 'my' or 'our' in manuscript.)

Response: Needful is done (line 21)

Commented [a5]: Plants with

Response: statement was changed (line 21-22)

Please write whole words together

Response: We deselected the Hyphenation command in the page setup group of Layout tab in word that was activated in the template used for the journal. All the words are together.

With this action were corrected

[a6,a7,a9,a18,a21,a25,a29,a31,a37,a39,a40,a42,a44,a47,a48,a49,a60,a67,a72,a73,a95,a107,a110,a111,a113,a116,a119,a122,a129,a137,a143,a149,a152,a153,a154,a157,a158,a160,a162,a163].

Commented [a8]: Plants inoculation

Response: Corrected (line 25)

Commented [a10]: should

Response: Corrected (line 35)

Commented [a11]: Human population

Response: Corrected (line 36)

Commented [a12]: may

Response: Corrected (line 38)

Commented [a13]: human

Response: Corrected (line 41)

Commented [a14]: From Previous studies, it

Response: Corrected (line 42)

Commented [a15]: Regions

Response: Corrected (line 43)

Commented [a16]: Among

Response: Corrected (line 44)

Commented [a17]: factors

Response: Corrected (line 44)

Commented [a19]: Result with rising

Response: Corrected (line 47)

Commented [a20]: temperature

Response: Corrected (line 47)

Commented [a22]: May increase about

Response: Corrected (line 48)

Commented [a23]: than

Response: Corrected (line 48)

Commented [a24]: May cause serious

Response: Corrected (line 48)

Commented [a26]: Potential,

Response: Corrected (line 53)

Commented [a27]: Stomata,

Response: Corrected (line 53)

Commented [a28]: Has affected on

Response: The words used were changed (line 53)

Commented [a30]: may

Response: Corrected (line 53)

Commented [a32]: May also

Response: Corrected (line 59)

Commented [a33]: Abiotic stress

Response: Corrected (line 60)

Commented [a34]: Crop viz.

Response: Corrected (lines 61-62)

Commented [a35]: [12, 13]

Response: Corrected (line 62)

Commented [a36]: Combat these conditions,

Response: Corrected (lines 63-64)

Commented [a38]: abiotic

Response: Corrected (line 66)

Commented [a41]: Against stress

Response: Corrected (lines 65-66)

Commented [a43]: It was found that

Commented [a28]: Has affected on

Response: The words used were changed (line 78)

Commented [a45]: Non-pathogenic

Response: Corrected (line 80)

Commented [a46]:] and

Response: Corrected (line 80)

Commented [a50]: The current study

Response: Corrected (line 107)

Commented [a51]: Plants by

Response: The words used were changed (line 108)

Commented [a52]: Delete these lines - these may be part of conclusion not here in Introduction

Response: Needful is done (lines 403-417)

Commented [a53]: Please add following points

What was site of experiment - add name of institute, its geographical coordinates (latitude, longitude, and altitude)?

What was month and year duration of experiment?

Response: Needful is done (lines 112-116)

What was source and accession number of seed and fungal *T. asperellum* source - if it was from any gene bank then add the name of germplasm institute so that in future researcher may contact or seed from market then what was variety or hybrid name and its company name. Same for fungus source.

What was date of sowing?

Response: Needful is done (lines 126-138)

Commented [a54]: Please add light intensity of green house during experiment

Response: Corrected (line 123)

Commented [a55]: After tray in green house and fungal inoculation plant were shifted where? In any pot with soi or else?

Response: Needful is done (lines 126-138)

What was soil type, pH and other nutrients used there?

Response: Needful is done (lines 119-120, 123, 135)

Plant were raised up to which growth stage after how many after sowing to take different measuring parameters?

Response: Needful is done (lines 140-153)

Commented [a56]: The current study

Response: The words used were changed (lines 140-141)

Commented [a57]: Please add here, how many days after seed sowing - that will be more clear duration.

Response: Needful is done (lines 152-153)

Commented [a58]: Delete this line - not needed

Response: We considered it was necessary mentioned above groups (lines 141-151)

Commented [a59]: There were three replicate group of treated and non-treated plants with *T. asperellum*

Response: Needful is done (the replicates were mentioned in the figure captions.)

Commented [a61]: Controlled condition in greenhouse whereas

Response: Needful is done (lines 136-138)

Commented [a62]: were

Response: Corrected (line 143)

Commented [a63]: (Please add 9 days from how many days after sowing the seeds)

Response: Needful is done (lines 140-153)

Commented [a64]: Please add the reference of this analysis

Response: Corrected (line 148)

Commented [a65]: Please make clear how many leaves were taken? Whole plant or how many? How many plant were took for this leaves?

Response: Needful is done (line 157)

Commented [a66]: Dry on 80 degree how long - how many hours

Response: Needful is done (line 159)

Commented [a68]: Author said 3 replicates in previous paragraph but here mentioned 4 replicates???

Response: Needful is done (the replicates were mentioned in the figure captions.)

Commented [a69]: Please add these 9 days after how many days after seed sowing?
Response: Needful is done (lines 140-153)
Commented [a70]: Please add this leaf was taken after how many days after seed sowing?
Response: Corrected (line 165)
Commented [a71]: Please recheck the unit
50 L or 50 ml????
Response: Corrected (line 166)
Commented [a74]: Three times
Response: Needful is done (the replicates were mentioned in the figure captions.)
Commented [a75]: main
Response: The line was changed (lines 179-180)
Commented [a76]: determined
Response: The line was changed (lines 179-180)
Commented [a77]: Experiments were
Response: The line was changed (lines 179-180)
Commented [a78]: Please make clear what do you author mean with plant growth - means which trait with its unit otherwise remove this term
Response: Needful is done (lines 180-181)
Commented [a79,a80,a81]: Add unit in bracket
Response: Needful is done (lines 180-181)
Commented [a82]: last leaf tip
Response: Corrected (line 188)
Commented [a83]: mg
Response: Corrected (line 200)
Commented [a84]: grind
Response: Corrected (line 201)
Commented [a85]: Add filter paper number or type in bracket
Response: Needful is done (line 202)
Commented [a86]: Please add 10 ml completed by other solvent? Or only 10 ml extract was taken?
Response: Needful is done (lines 202-203)
Commented [a87]: Wave lengths
Response: Corrected (line 204)
Commented [a88]: Of mean
Response: we changed SEM by SD
Commented [a89]: Analysed to
Response: Corrected (line 215)
Commented [a90]: Please add the reference
Response: Needful is done (line 216)
Commented [a91]: Please add the reference of this software
Response: Needful is done (line 217)
Commented [a92]: vs.
Response: Needful is done (line 219)
Commented [a93]: under
Response: Needful is done (line 219)
Commented [a94]: The current study
Response: Needful is done (line 221)

Commented [a96]: There was no significant difference observed in this study

Response: Needful is done (lines 225-226)

Commented [a97]: Non-inoculated

Response: Corrected (line 226)

Commented [a98]: along

Response: Corrected (line 227)

Commented [a99]: evaluated

Response: Corrected (line 229)

Commented [a100]: Please add below X-axis of figure 1b Non-inoculated
And inoculated in respective bar diagram

Response: Needful is done in the Figures

Commented [a101]: Non-inoculated

Response: Corrected (line 232)

Commented [a102]: it

Response: Corrected (line 232)

Commented [a103]: Non-inoculated

Response: Corrected (line 241)

Commented [a104]: vs. drought tolerance

Response: Corrected (line 246)

Commented [a105]: Delete these words - not needed

Response: Corrected (line 246)

Commented [a106]: The current study investigated

Response: Corrected (line 247)

Commented [a108]: Delete these words - not needed

Response: Corrected (line 248)

Commented [a109]: Non-inoculated

Response: Corrected (line 256)

Commented [a112]: Non-inoculated

Response: Corrected (line 258)

Commented [a114]: Please quantify the results in bracket respective trait

Response: Corrected (line 264)

Commented [a115]: Non-inoculated

Response: Corrected (line 264)

Commented [a117]: Non-inoculated

Response: Corrected (line 264)

Commented [a118]: Please quantify the results in bracket

Response: Corrected (line 268-269)

Commented [a120]: Shift these lines before figure 2

Response: Needful is done (line 279)

Commented [a121]: Non-inoculated

Commented [a123]: Shift these lines in figure 2 description

Response: Needful is done (line 279)

Commented [a124]: interesting

Response: Needful is done (line 267)

Commented [a125]: Here,

Response: Needful is done (line 269)

Commented [a126]: Were not grown

Response: Needful is done (line 269)

Commented [a127]: Please quantify the result

Response: Needful is done (line 270-271)

Commented [a128]: Non-inoculated

Response: Needful is done (line 290)

Commented [a130]: Please quantify the result

Response: Needful is done (lines 290-292)

Commented [a131]: Determined the

Response: Needful is done (line 294)

Commented [a132]: Was inoculated

Response: Needful is done (line 297)

Commented [a133]: Non-inoculated

Response: Needful is done (line 298)

Commented [a134]: indicated

Response: Needful is done (line 303)

Commented [a135]: further

Response: Needful is done (line 305)

Commented [a136]: abiotic

Response: Needful is done (line 312)

Commented [a138]: Please add the supportive previous reference of these lines

Response: We consider the references showed in lines 317 and 318 support the discussion

Commented [a139]: The current study evaluated

Response: Needful is done (line 312)

Commented [a140]: Please add the supportive previous reference of these lines

Response: Needful is done (line 325)

Commented [a141]: The present study

Response: Needful is done (line 325)

Commented [a142]: Non-inoculated

Response: Needful is done (line 343)

Commented [a144]: Non-inoculated

Response: Needful is done (line 344)

Commented [a145]: Condition. (add full stop)

Response: Needful is done (line 325)

Commented [a146]: This was indicated the

Response: Needful is done (line 348)

Commented [a147]: was

Response: Needful is done (line 348)

Commented [a148]: Rewrite this line - inference is missing

Response: Needful is done (line 379-380)

Commented [a150]: not

Response: The text was changed (line 379-380)

Commented [a151]: The current study

Response: Needful is done (line 365)

Commented [a156]: The current study

Response: Needful is done (line 376)

Commented [a159]: content

Response: Needful is done (line 375)

Commented [a161]: indicated

Response: Needful is done (line 377)

Commented [a164]: absence

Response: The line was abolished

Commented [a165]: Please don't repeat inference as discussed in result and discussion section.

Here please revise conclusion with following points

1. What was the key research outcome in 2-3 lines only?
2. What was the take home message of the result outcome to readers?
3. What is the way forward for future research in continuation of current research findings?

Response: Needful is done (400-414)