

Basic reporting

The present manuscript titled as “The impact of chemical and hormonal treatments to improve seed germination and seedling growth of *Juniperus procera* Hochst. ex Endl.”, assess the effect of chemical and hormonal treatments in improving the seed germination and seedling growth of Juniper the seeds either subjected to chemical scarification with 90% sulfuric acid and 20% acetic acid for 6min or hormonal treatment by seed-soaking in two concentrations (50 & 100 ppm) of three growth regulators namely, indole acetic acid (IAA), gibberellins (GA3) and kinetin (k) for 72. The idea and concept of study is interesting and considered as one of the strategies for solve the problem faces *Juniperus* plant.

The manuscript is well written but still needs some minor changes.

Experimental design

Abstract:

The abstract background needs to connect with the hypothesis and then the objective, methods, results, and conclusion.

Experimental design is satisfactory and methods describe sufficient details, but still needs some minor changes.

Provide the Geographical coordinates for Baljurashi, Al-Baha, Saudi Arabia, site.

Line 107: correct seeds instead of seed.

Line 109: The authors mentioned 10 replicates for the of growth measurement, but in Table 1, the legend mentioned three replicates were used. These are contradictory. How the authors will explain this?

Line 135: check the plant name (common juniper) or *Juniperus procera*

Validity of the findings

Results:

The results section is well written, but still needs some minor changes

The significant letters must be superscript in all tables.

Discussion

The discussion section is well written.

Conclusion

The conclusion section is well written and sufficient.

References

Please unify the style according to the journal instructions.