

Peer Review

Review of: "Improved Seed Germination Technique for *Prosopis cineraria* (L.) Druce: A Rare Sacred Plant of Hindus"

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Abstract:

Directly come to the objective of the research. Abbreviations should be removed from the abstract. A little data support is required when citing the significant findings in the abstract.

Introduction:

It should start with introducing the plant with its very brief taxonomy, botany, and use/significance. Then it should follow the method of propagation and its issues. Probable ways to overcome these need to be discussed with references, and then the research gap should be cited connecting the issues. The introduction part is poorly written, just like a review of literature. No research gap and specific objective of the study were mentioned.

Materials and methods:

"A set of five seeds was taken for each of the treatments," as mentioned in materials and methods, reveals that the sample size is too small. In any seed germination experiment, the standard sample size per replication should be 100, and such 3 replications should be considered the minimum. In that case, only 5 seeds were considered under each treatment. Thus, the experiment is totally invalid.

Result and discussion:

As the experimental method is completely invalid due to the very low sample size, thus the results cannot be validated in any way. Thus, there is no question of further evaluation of the article, and thus the article may not be considered a Research Article any more.

FINAL DECISION OF REVIEWER:

Rejected.

Declarations

Potential competing interests: No potential competing interests to declare.