

Peer Review

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

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## Abstract

I find typical AI-rewritten phrases in this article, for example,

toughness (for hard seeds), juvenile (for young)

This experiment is it should be in past tense

Seed priming doesn't include mechanical scarification, lukewarm water, hot water, and sulphuric acid treatments

Five seeds- it's a big red flag; the sample size is too low to come to a conclusion

Observed germination percentage- what is observed? Germination is always observed

The context in the abstract is not clear- "It is interesting to reveal that under full exposure to sunlight, the leaflets remain closed in the case of the juvenile Shami plant. This adaptation may be ascribed to resisting water loss by the juvenile plant."

## Introduction

Try writing in a human tone: The art and science of controlled propagation of plants from existing ones, either by sexual or asexual means, is known as plant propagation. Try to write in your own sentence; this is a typical AI-rewritten sentence

They remain in a dormant condition until the advent of favourable conditions for seed germination- not a generalized statement; some seeds germinate within the plant itself.

Radicle poking through the seed coat; this word is not used; it is radical protrusion.

## Materials and Methods

Figure 1. Stages of different seed germination methods of *Prosopis Cineraria*. It is an incorrect title  
Sulphuric acid is not a priming agent.

He used 0.5% and 1% - He should not have been used.

Ffollott & Thames (1983).

Make a table for the treatments in M & M.

## Results

The total time taken by the seeds to germinate was approximately 5 days. It's wrong.

**Table 1.** Seed germination percentage in different priming methods.

It's not acid priming; it's acid scarification.

It's not hydropriming (100); it's hot water soaking.

**Table 2.** Soil profiles of control and experimental samples.

What is control and experimental is not mentioned in M & M.

The manuscript is not written scientifically, with many omissions, which need to be rectified. The whole article, including the proper usage of tenses and removal of AI-generated terms, may be done.

## Declarations

**Potential competing interests:** No potential competing interests to declare.