**SDI Review Form 1.6**

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| Journal Name: | American Journal of Experimental Agriculture |
| Manuscript Number: | **Ms_AJEA_27983** |
| Title of the Manuscript: | **IDENTIFICATION OF SEED QUALITY & STORABILITY TRAITS IN PONGAMIA PINNATA (L.) PIERRE** |
| Type of the Article | **Original Article** |

**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.
To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

(http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline)

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**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)* |
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| **Compulsory** REVISION comments | Page 2 lane 44-69. Please explain the important of seed quality and genetic variation. For example "The success of any sustainable reforestation program, among other things, depends on the quality of seeds" (Sevik et al., 2012) Sevik, H., Yahyaoglu, Z., Turna, I., 2012. Determination of Genetic Variation between Populations of Abies nordmanniana subsp. bornmulleriana Mattf according to some Seed Characteristics. Genetic Diversity in Plants, ISBN 978-953-51-0185-7, Chapter 12, pp. 231-248.<br><br>"Important for sustainable forestry and to transmit the current gene diversity to next generation by afforestation with suitable seed source" (Sevik and Topacoglu, 2015) Sevik, H., Topacoglu, O., 2015, Variation and inheritance pattern in cone and seed characteristics of Scots pine (Pinus sylvestris L.) for evaluation of genetic diversity, Journal of Environmental Biology, 36(5), 1125-1130<br><br>"Genetic diversity is the richness of the hereditary information in the gene pole of one species. Over a long term, the ability of a species to respond adaptively to environmental changes depends on the level of its genetic variability (Sevik, 2012)<br>Sevik, H., 2012, Variation in seedling morphology of Turkish fir (Abies nordmanniana subsp. bornmulleriana Mattf), African Journal of Biotechnology, 11(23), 6389-6395<br>Please use this references. | |

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| | Page 2 lane 70-84 Material is incomprehensible. Please explain the material (seed sources). The seed collected from where and how. If it possible you can use the map.<br><br>Please add some conclusions (Not so much maybe 1-2 pharagraphs). Which genotypes are the best for which characters | |
| **Minor** REVISION comments | | |
| **Optional/General** comments | | |

**Reviewer Details:**

| | |
|---|---|
| Name: | ***Hakan Sevik*** |
| Department, University & Country | ***Kastamonu University, Turkey*** |