



SDI Review Form 1.6

Journal Name:	Journal of Agriculture and Ecology Research International
Manuscript Number:	Ms_JAERI_39723
Title of the Manuscript:	Evaluation of Awir for gully rehabilitation through different propagation techniques in north western zone of Tigray
Type of the Article	Original Research 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>)

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)
<u>Compulsory</u> REVISION comments	It will be important to determine the stage at which these gullies and their dimensions are as it is known that gullies have a capacity to heal themselves with time as they reach the headland slope. The combination with other methods of soil and water conservation is a useful one and it would be important to determine the extent to which the Awir works without and or in combination with other mechanical methods. It is important to determine the selection of Awir amongst and other shrubs that demonstrate rapid vegetative growth. Are there any environmental impact assessment of introducing the shrub or the shrub becoming an invasive species and hence creating another challenge to farmers?	• Our gully assessment finding revealed that the dimensions of the gullies were about two meters depth and 8m width leading to farm land deterioration. • Local communities were well recognized about the merits and demerits of the species. So that they recommend us to use as biological soil and water conservation techniques. • The role of the species in sediment trap performance and ecological effect should be studied.
<u>Minor</u> REVISION comments	Several grammatical mistakes and proof-reading may be necessary for ease of reading the report	• Tried to edit the errors
<u>Optional/General</u> comments	Explain the rate of growth as compared to the other shrubs of equal soil and water conservation impact.	•