



**Approved baseline and monitoring methodology /
methodological tool clarification response form
(Version 03.0)**

INFORMATION TO BE COMPLETED BY THE SECRETARIAT OR PANEL / WG

Date and number of Panel / WG meeting:	2-9 November 2020 / MP 83
Title/Subject of the request for clarification:	Clarification on NUE Seeds in AMS-III.BF.
Reference number of the request for clarification:	SSC_791
Exact reference (number, title and version) of the methodology or methodological tool to which the request for clarification applies:	AMS-III.BF.: Reduction of N ₂ O emissions from use of Nitrogen Use Efficient (NUE) seeds that require less fertilizer application --- Version 2.0
Fast track or Regular track:	<input type="checkbox"/> Fast track <input checked="" type="checkbox"/> Regular track

Summary of the request for clarification

Original text from Coordinating/Managing Entity (CME):

1. Are NUE seeds defined as Genetically Modified Seeds (it was mentioned 'genetically engineered' in the methodology), carrying genes as described in <https://www.nature.com/articles/s41467-019-13187-1>, and quantified via genotyping to identify said genes?

If 'NO', please do proceed to next question

2. Assuming all other management practices remain constant, and the farmer is able to achieve significantly higher yield by just changing the seed, can the seed then be considered NUE? What is the additional quantification work that needs to be done to verify the nitrogen efficiency, if physical performance is not sufficient to demonstrate higher NUE?

Clarification by the secretariat or Panel / WG

The Methodologies Panel (Meth Panel) would like to thank the stakeholder for submission of the query. The Meth Panel clarifies as follows:

Regarding Q.1.:

Yes, NUE seeds are defined as genetically modified seeds carrying genes as described in <https://www.nature.com/articles/s41467-019-13187-1>, and quantified via genotyping to identify the said genes.

Version(s) of the approved methodology / methodological tool to which the clarification is applicable:

AMS-III.BF.: Reduction of N₂O emissions from use of Nitrogen Use Efficient (NUE) seeds that require less fertilizer application --- Version 2.0

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Document information

<i>Version</i>	<i>Date</i>	<i>Description</i>
03.0	13 May 2016	Revised to include the row "Version(s) of the approved methodology / methodological tool to which the clarification is applicable"
02.0	18 July 2013	Revised to remove the row "Date and signature of the chair and vice chair of Panel/WG (in case of clarification by Panel/WG)"
01.0	4 July 2013	Initial publication. This document supersedes and replaces the following documents: <ul style="list-style-type: none">• Recommendation Form for Small Scale Methodologies (F-CDM-SSCwg) (Version 01.1)• Recommendation Form for Small Scale A/R Methodologies and Procedures (F-CDM-SSC-AR) (Version 01.1)
Decision Class: Regulatory Document Type: Form, Clarification Business Function: Methodology Keywords: applying methodologies and tools		