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Calculating GHG Emission in Oil Palm Using PalmGHG

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Accounting for potential greenhouse gas (GHG) emissions from palm oil production is essential to demonstrate how responsible palm oil production can be carried out. The potential sources of GHG emission that result directly from new plantings of oil palm and sources of emissions from oil palm growing and production are enumerated. The cumulative impact, which affects the final carbon balance in oil palm agriculture, is quantified. The analysis helps to identify GHG emission hotspots so that mitigation plans can be developed and implemented. The aim is to minimise GHG emission that may result from oil palm development and production.

Keyword: Oil palm, GHG emission, PalmGHG, emission hotspots, LCA.

