



SDI Review Form 1.6

Journal Name:	Asian Journal of Applied Chemistry Research
Manuscript Number:	Ms_AJACR_48785
Title of the Manuscript:	Potential of Sorghum bicolor L. (Moench) and the Effect of Enhancements in Phytoremediation of Petroleum-Vitiated Soils of an Automobile Repair Workshop in Urbanite Kampala
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:

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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)
Compulsory REVISION comments	<p>The intro is very lengthy and addressed mainly work done by previous authors. The objective is not clearly spelt out.</p> <p>Ascribing the reduction in the % oil in the pot bearing sorghum is missing leading as the oil may have dissipated through many other pathways e.g volatilization, degradation and absorption etc.</p> <p>In bioremediation experiment, it is very essential to determine the soil chemical properties as to know the health of the soil as reduction in soil oil conc would not have taken place without appropriate soil chemical properties.</p>	<p>There is very limited literature on the use of <i>Sorghum bicolor</i> in phytoremediation of petroleum degraded soils. Nonetheless, it would be rather shallow to have no related literature exemplifying the potential of <i>sorghum bicolor</i> in phytoremediation.</p> <p>This was partly catered for by running a control. Since the pots were subjected to the same environmental conditions, we presumed that losses through such suggested pathways should not necessarily impact the final results of the biostimulation potential due to the amendments.</p> <p>The soil chemical properties shall be investigated in a penultimate study.</p>
Minor REVISION comments	<p>Suggested title : Potential of sorghum bicolor.L (Moench) and the effectiveness of some organic amendments in the remediation of spent-oil vitiated soil in Urbanite Kampala</p>	<p>This title sounds ok but deviates slightly from the intended purpose of this research. Thus title has been modified to "Potential of <i>Sorghum bicolor</i> L. (Moench) and the Effectiveness of Some Organic Amendments in Remediation of Petroleum Oil-Vitiated Soils of an Automobile Repair Workshop in Urbanite Kampala"</p>
Optional/General comments	<p>The word augmentation is not appropriate here since microbes are not used rather biostimulation .</p> <p>Also use amendment instead of enhancement</p>	<p>This has been taken up and adjusted.</p>

PART 2:

	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)
Are there ethical issues in this manuscript?	<p>(If yes, Kindly please write down the ethical issues here in details)</p>	