



SDI Review Form 1.6

Journal Name:	Journal of Agriculture and Ecology Research International
Manuscript Number:	Ms_JAERI_49495
Title of the Manuscript:	INFLUENCE OF ELEMENTAL SULPHUR, OXALIC ACID, AND PHOSPHORIC ACID AS ACIDULATING AGENTS ON PHOSPHOROUS DISSOLUTION FROM ROCK PHOSPHATE
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 (Edward Someus)	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>This laboratory study sought to establish the influence of various acidulating agents (elemental sulphur , oxalic acid and phosphoric acid) in dissolution of phosphorus in to rock phosphate and concluded that elemental sulphur was superior in increasing the rate of phosphorus dissolution form rock phosphate, that is recommended to be used by in agricultural fields.</p> <p>REMARKS:</p> <ul style="list-style-type: none"> • soil having pH of 7.7 indicated but not for the fertilizer materials used, that would have been very important.- • The Phosphate fixation increases significantly not only in acid soils but in presence of lime as well, while significantly impacted on the soil temperature as well for which 25C indicated, that is unlikely in the soil, not even in Kenya, especially not in rain season. • The interrelations to the Cadmium and Uranium content and mobility at lower pH levels of the PR is missing. • As alkaline soils having strong P fixation affinity, this issue should be highlighted and explained. 	<p>I agree with this comment but the study did not aim to address the interrelations of heavy metals such as cadmium</p> <p>This was an incubation experiment in the laboratory evaluating acidulating that can be used in dissolution of fixed phosphate</p>
Minor REVISION comments	The statement "microbial oxidation of S"... need to be properly explained, as this is critical element.	This is good suggestion but this was not on the scope of our study
Optional/General comments	•	

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?	(If yes, Kindly please write down the ethical issues here in details)	There were no ethical issues in the manuscript