

December 30, 2018

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### **Re: Acceptance letter**

This is to notify that your paper entitled “*Effects of Fertilizer use on Potato Production in Western Rwanda.*” has been accepted for publication in East African Journal of science and technology (EAJST), Special Vol.8 Issue2, 2018 and it is available online on <http://ejournal.unilak.ac.rw/index.php/publications/eajst-volume8-issue2>

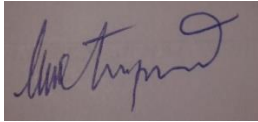
### **Abstract**

This study analysed the effects of fertilizer use on potato production in Kabatwa Sector, Nyabihu District, in Western Rwanda. Data were collected among 100 potato growers randomly selected in Kabatwa sector for the season 2014B. A well-structured questionnaire was distributed in August 2014, and required information about the respondent’s identification, fertilizer use, potato production and related constraints. The paired-samples T-test was used for data analysis. The results show that fertilizers have positive effects on potato output. The results from the paired-samples t-test show that the difference between the average crop production after and the average crop production before the adoption of fertilizers in the study area (1,155 kgs) is statistically different from zero following that the corresponding p-value (labelled Sig. 2-tailed) is smaller than 0.05. Accordingly, there has been a statistically significant difference between the potato output level comparing before and after fertilizer use in the study area. It was recommended that the Government should enhance fertilizer accessibility through credit facility to farmers, facilitate access to proximity extension services and encourage farmers to group into cooperatives.

**Key words:** fertilizer use, potato production, paired-samples T-test, Rwanda

JEL Classification Codes: D60; O13; O18; Q13; R20

Thank you for publishing in EAJST



**Dr. RUTAMU Augustin**

Senior Chief Editor, EAJST