

Review Form 1.7

Journal Name:	International Journal of Plant & Soil Science
Manuscript Number:	Ms_IJPSS_117222
Title of the Manuscript:	APPLICATION OF PHOTOSYNTHETIC BACTERIA PNSB ON THE GROWTH AND YIELD OF KOMAK BEANS (<i>Lablab purpureus</i> (L.) Sweet) WITH SHADING
Type of the 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)
<p>Compulsory REVISION comments</p> <ol style="list-style-type: none"> 1. Is the manuscript important for scientific community? (Please write few sentences on this manuscript) 2. Is the title of the article suitable? (If not please suggest an alternative title) 3. Is the abstract of the article comprehensive? 4. Are subsections and structure of the manuscript appropriate? 5. Do you think the manuscript is scientifically correct? 6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form. <p>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</p>	<p>Yes</p> <p>Yes</p> <p>Yes, but with some modifications A B S T R A C T Komak (<i>Lablab purpureus</i> (L.) Sweet) is a food source of high protein and potential as a substitute for soybeans. This food is also referred to as a functional food because of its various health benefits (on the circulatory, reproductive, immune, digestive, and skeletal systems). Intensive agriculture that uses agrochemicals has been proven to cause environmental disturbances and health problems that affect food security and agricultural sustainability. The use of biofertilizers is the solution to overcome this problem, such as the use of photosynthetic bacteria PNSB.</p> <p>Research to determine the effect of the application of PNSB on the growth and yield of komak beans under shade was conducted. The experiment was arranged in a Split Plot Design, consisting of two factors, namely shade as the Main Plot and concentration of PNSB as Sub-Plots. The shade consists of two levels (no shade and 50% shade). The PNSB concentration consists of three levels (0; 5; and 10 mL L⁻¹). Each treatment was carried out with four replications. Data were analyzed using analysis of variance and continued with Duncan's Multiple Range Test at a 5% significance level. The results showed that the application of PNSB with a concentration of 10 mL L⁻¹ without shade increased the number of leaves aged 35 days after planting by 26.25 and total N by 6.05%, while the application of PNSB with a concentration of 10 mL L⁻¹ with 50% shade increased total chlorophyll 24.50 mg L⁻¹.</p> <p>The paragraph-coloured red should be taken to introduction. Abstract should start with: A research to determine</p> <p>Yes</p> <p>Yes</p> <p>Yes</p>	
<p>cMinor REVISION comments</p> <ol style="list-style-type: none"> 1. Is language/English quality of the article suitable for scholarly communications? 	<p>Yes</p>	
<p>Optional/General comments</p>	<p>Apart from the corrections in the abstract, the paper is ok.</p>	

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PART 2:

	Reviewer's comment	Author's comment <i>(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)</i>
Are there ethical issues in this manuscript?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

Reviewer Details:

Name:	Maurice Ekwuluo
Department, University & Country	University of Port Harcourt, Nigeria