

**Journal of Environmental Sustainability Advancement Research**

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E-mail: [chukauni.jesar@chuka.ac.ke](mailto:chukauni.jesar@chuka.ac.ke)

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### **Scope of Articles**

Ideas contained in the papers reflect opinions of authors and not of Chuka University, Journal Editors, or the Advisory Board. As an editorial policy, original unpublished full papers (2000 to 6000 words) in all disciplines related to environmental sustainability advancement through agricultural, biological, business, educational, health, social and physical, scientific, technological and innovative, basic and applied research works that generate new knowledge to advance University teaching and research, as well as stimulate intellectual, economic, cultural, scientific and technological advancement, will be considered for publication in this Journal.

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The Journal publishes papers in UK English only. Use of complex jargon must be avoided.

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Manuscripts should be typewritten on one side of plain white A-4 paper, double-spaced, with 2.5 cm margins, left and right justification, one space between paragraphs, and no tab at the beginning of each paragraph. The abstract should appear in one column, whereas the rest of the text should be set in two columns per page. The font type should be Times New Roman and font size should be 12 for the main body text throughout the manuscript. Font size may be slightly reduced in Figures, Illustrations and Tables. Complex mathematical equations must be hand-written for clarity in typesetting.

### **Parts of a Research Manuscript**

Research manuscripts should preferably range from 2,000 to 6,000 words. Pages should be centrally numbered at the bottom. Each manuscript should contain the following parts:

#### **Title Page**

The title page should bear the title of the manuscript, followed by authors' names and addresses. The title should be succinct, descriptive of the research reported and not exceed fifteen (15) words. The corresponding author should be indicated with a note.

#### **Abstract**

Each research article must have an abstract that is a non-critical informative digest of the contents, conclusions and recommendations of the article. Each manuscript should have an abstract written in a single paragraph of 300 words maximum. Below the abstract, indicate keywords of up to eight for indexing purposes.

#### **Introduction**

The introduction should indicate the importance, define the problem, state the hypotheses and objectives, and give a brief survey of the relevant literature. It should follow the abstract after skipping only one space.

#### **Materials and Methods**

This section describes the methodology employed to conduct the research and hence it should clearly describe in prose format, not list, the individuals/items/materials used, their sources, conditions, research design, steps or procedures followed in experimentation to enable others adopt or double-check findings.

#### **Results and Discussion**

Results support or reject the hypotheses, or answer the questions stated in the introduction. The discussion section interprets the data and draws conclusions, inferences and recommendations for adoption and further research.

#### **Tables**

Tables should be used to present material not included in the text or Figures. Tables should be inserted in the text near where they are first mentioned. Tables should be numbered using Arabic numerals (e.g. Table 1) and given specific titles at the top. Tables should not be enclosed in grid lines, but should be given the top, bottom and subheading borders only. Example: Table 1

**Table 1: Treatments used for evaluation of performance of grain amaranth**

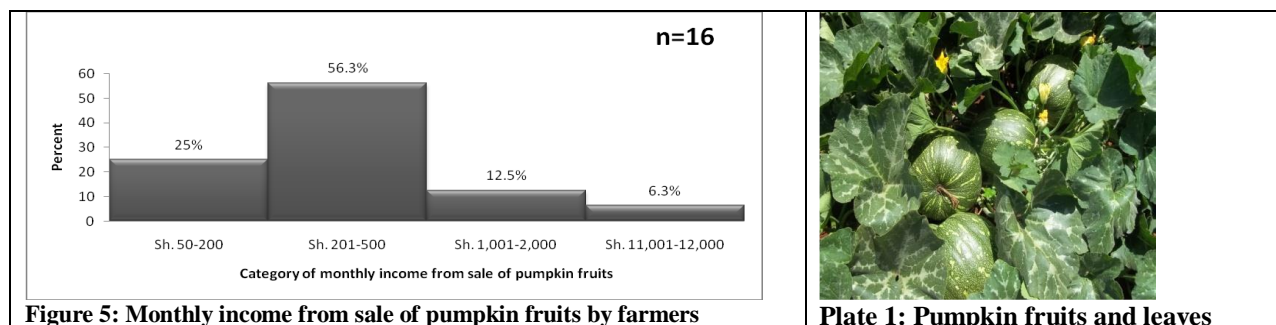
Treatment	Inter-row spacing (cm)	Fertilizer applied (units ha <sup>-1</sup> )	Number of plants ha <sup>-1</sup>
S1F1	90	0	37,037
S2F1	75	0	44,444
S1F2	90	5 tons FYM	37,037
S2F2	75	5 tons FYM	44,444
S1F3	90	10 tons FYM	37,037
S2F3	75	10 tons FYM	44,444
S1F4	90	20 kg P <sub>2</sub> O <sub>5</sub>	37,037
S2F4	75	20 kg P <sub>2</sub> O <sub>5</sub>	44,444

### Figures

Figures must be cited in the text in numerical order and present material that is not included in the text or tables. Figures should be inserted in the text near where they are first mentioned. Figures should be numbered in Arabic numerals e.g. (Figure 1) and carry specific titles at the bottom. Lettering on the Figures must be sharp, large and dark enough to withstand reduction down to by 50%. Legends to Figures should be included in the Figure, giving sufficient data to make the Figure comprehensible without reference to the text. Example: Figure 1

### 8.4.8. Illustrations

Illustrations should be in black and white. If colour is necessary, the cost of re-production will be charged to the author(s). Pictures intended to grace the Journal cover must be in colour and submitted as a soft jpeg copy and a sharp print. An appropriate scale bar on the Illustration should be used to indicate magnification. Example: Plate 1



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### Abbreviations

Only standard abbreviations should be used; unusual ones should be given initially in full spelling out followed by the abbreviation in parentheses; thereafter abbreviated.

### References

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- References must be cited in the text by author and date; e.g. Mukami (1983), Kirumba and Mbogo (2000), or Onyonka *et al.* (2005) [in case of more than two authors].
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 -Ekesa, B.N. 2009. Agricultural biodiversity for food and nutrient security: The Kenyan perspective. *International Journal of Biodiversity and Conservation*, 1(7):208-214.  
 -Siddiqui, Z.A. and Akhtar, M.S. 2007. Biocontrol of chickpea root-rot disease complex with phosphate-solubilising microorganisms. *Journal of Plant Pathology*, 89(1): 67-77.

- Oswell, F.N., Rufaro, M.M., Susan, K. and Arnold, B.M. 2007. Indigenous knowledge of the traditional vegetable pumpkin (*Cucurbita maxima/moschata*) from Zimbabwe. *African Journal of Agricultural Research*, 2(12):649-655.
- Book:** Ochapa, C. O. 1984. *Introduction to Tropical Soil Science*. Macmillan Intermediate Agriculture Series. Macmillan Education Ltd, London, UK.
- Chapter in a book:** Kauffman, C.S. and L.E. Weber. 1990. Grain amaranth. p. 127-139. *In: J. Janick and J.E. Simon (Eds.). Advances in New Crops*. Timber Press, Portland, Oregon, USA.
- Proceedings:** Chweya, A.J. 1997. Genetic enhancement of indigenous vegetables in Kenya, p. 90-99. *In: L. Guarino (Ed.). Proceedings of IPGRI International Workshop on Genetic Resources of Traditional Vegetables in Africa: Conservation and Use*. 29<sup>th</sup>-31<sup>st</sup> August, 1995, ICRAF Headquarters, Nairobi, Kenya.
- Thesis/dissertation:** Wekesa, F.S. 2010. Socio-economic analysis of production and response of grain amaranth (*Amaranthus caudatus* L.) to fertilizer application and intercropping with maize or beans in Kisumu West district, Kenya. Master of Science Thesis, University of Nairobi, Kenya.

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The *Journal of Environmental Sustainability Advancement Research* encourages publication of findings of various researches conducted by scholars to facilitate sharing and dissemination of knowledge. Manuscripts submitted are being considered for publication in the *Journal of Environmental Sustainability Advancement Research*. The manuscripts acceptable cover a wide range of areas in regard to environmental sustainability studies, including agricultural, biological, business, educational, health, social, physical, scientific, technological, and innovative basic and applied research works that impact society and humanity progressively for posterity.

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