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REVIEWER'S REPORT

Manuscript No.: IJAR-58737

Title: EFFECT OF INCORPORATING EUPHORBIA HETEROPHYLLA INTO A DIET BASED ON PANICUM MAXIMUM AND PELLETED FEED ON THE ZOOTECHNICAL PARAMETERS OF THE DOE RABBIT (ORYCTOLAGUS CUNICULUS) REARED IN CÃ"TE D\'IVOIRE

Recommendation:

Accept as it is .....

Accept after minor revision.....

Accept after major revision .....

Do not accept (*Reasons below*) .....

Rating	Excel.	Good	Fair	Poor
Originality			x	
Techn. Quality			x	
Clarity		x		
Significance			x	

Reviewer's ID: JPR-171

Detailed Reviewer's Report

This manuscript investigates the effects of incorporating Euphorbia heterophylla into a mixed diet for doe rabbits, addressing a relevant and practical issue for Ivorian rabbit production systems. The experimental design is appropriate, with 20 does followed over three kindlings, and the statistical approach using Python with mixed ANOVA is acceptable. The results demonstrate significant improvements in reproductive and growth performance when E. heterophylla is included. However, several substantial issues require revision. The most critical methodological concern is the lack of a true control group—the manuscript presents a comparison between PG and PGE diets, but both diets contain the same basal Panicum + pellet ration, and what is lacking is a group fed only pellets or only Panicum to establish the baseline effect. Additionally, the sample size (n=10 per diet) is small, yet the manuscript does not report a power analysis or discuss this limitation adequately. The results section contains excessive repetition of p-values and statistical details in the text that are already presented in tables, making it overly verbose. The correlation matrix (Table 9) is extremely difficult to read with the formatting and variable numbering, and the biological interpretation of these correlations is somewhat speculative given the sample size. The discussion draws heavily on fetal programming concepts but without sufficient literature support specific to rabbits. The manuscript would benefit from a more concise presentation of results and a focused discussion on the practical implications for Ivorian farmers, including a cost-benefit analysis of incorporating E. heterophylla. With these revisions, the paper would provide a useful contribution to tropical rabbit nutrition literature.