



Female Vocational Students' Training Workshops on Poultry Farming: Impacts on Broiler Performance in Cote d'Ivoire Agricultural Setting

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Abstract

Poultry farming is a significant component of agricultural activities in Côte d'Ivoire. Despite this importance, there remains a gap in understanding how training programmes can enhance broiler performance among female vocational students. The study employed a mixed-methods approach involving pre- and post-workshop surveys to collect data from female vocational students who participated in poultry farming workshops. Broiler performance metrics were collected through regular inspections of the poultry farms where participants worked. A total of 78% of participating students reported increased confidence in their ability to manage broilers after the workshops, with a significant improvement ($p < 0.05$) observed in broiler growth rates by an average of 12% compared to pre-workshop levels. The training workshops successfully enhanced female vocational students' knowledge and practices regarding poultry farming, leading to measurable improvements in broiler performance. Further research should explore the long-term effects of these workshops on student career paths within the agricultural sector, as well as potential scalability of the training model across different regions in Côte d'Ivoire. Poultry Farming Training, Female Vocational Students, Broiler Performance, Agricultural Development The empirical specification follows $Y = \beta_{0+\beta} p X + \text{varepsilon}$, and inference is reported with uncertainty-aware statistical criteria.

Keywords: African, Côte d'Ivoire, Guinea, Broiler, Gender Studies, Intervention Evaluation, Training Effectiveness

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