

Evaluation of Different Alcohols in Trapping Adult Coffee Berry Borers (*Hypothenemus hampei* Ferrari)

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SUMMARY

A study was carried out to evaluate the effectiveness of different alcohols in trapping adult coffee berry borers (*Hypothenemus hampei* Ferrari) at TaCRI Lyamungu and surrounding villages. A field experiment was conducted from July 2004 to January 2005, where five types of alcohols and three dilutions were used in a split-plot design arranged in a completely randomised block design, with three replications. Alcohol types were considered main plots whereas dilutions were considered as the sub-plots. There was a significant difference ($P \leq 0.05$) among alcohols in their ability to trap adult CBB. Methylated spirit was the most effective. The number of adult CBB trapped by different alcohol dilutions varied significantly ($P \leq 0.05$), with undiluted formulation having the highest while the control treatment trapped the least number. There was also a significant alcohols x dilutions interaction ($P \leq 0.05$) on the number of trapped adult CBB. Undiluted and diluted methylated spirit was more effective trap for adult CBB than all alcohols and their dilutions including the control. Further research to evaluate the effectiveness of more cheaply available local brews as potential traps is being undertaken.

Keywords: Alcohols, coffee berry borer, *Hypothenemus hampei*, TaCRI, trapping