

Extension Services Impact On Stingless Bee Production And Profitability In Malaysia

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Abstract : The Global and National income derive from a stingless beekeeping project is a new source of wealth to Malaysia. A common stingless bee species, *Trigona itama*, potential production through effective utilization of highly competent agents of extension services will lead to higher output that guaranteed maximum income. The study covers a sample beekeepers in ten states and it was designed to examine various impacts of extension services as variables in enhancing sustainable stingless beekeeping production. In addition, the study also determined the profitability of stingless beekeeping production through technology transfer and human resource development. Correlation and Regression analyses were used on a sample size of 87 stingless beekeepers representing 72% of filled questionnaires. The cost-benefit analysis showed participants received lucrative monthly income of more than rm3500. The results indicated positive outcome from extension services that increased production, and hence, generated better additional income to participants. In summary, it is possible for the extension services to increase output of stingless beekeeping through technology transfer

Keywords : extension services, malaysia, profitability, stingless bee, *trigona itama* production

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