

HOW IMPORTANT CAN BE POLLINATION FOR LOCAL ECONOMY?

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The loss of pollinating species may affect the production of pollinator dependent crops by reducing the harvest or increasing production costs. The objective of this work was to value the pollination service for pollinator dependent crops in the municipality of Rio Pomba, Minas Gerais state, Brazil, using the method of production surplus value. To this end, was quantified the number of flowers and fruits produced in the presence and absence of biotic pollinators. Yield data and market prices were used to infer the value of pollinators for a small property in the study area. Using municipal production data of the year 2014, we can say that for tomato, bean, mango, guava and passion fruit crops resulting in a total production of 885 tons, the pollination service is equivalent to 57.27% of total production which corresponds to approximately \$ 560,000.00 per year. It allows us to understand more practically how important this service is.

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