Sustainability of agriculture in Amravati district of Vidarbha, Maharashtra

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ABSTRACT
In this study, an attempt has been made to measure the sustainability of agriculture with the help of various indicators of sustainability in Amravati district of Vidarbha region. The study was based on the secondary data collected from various government publications pertaining to a period of 26 years i.e. from 1980-81 to 2005-06. The result showed that the sustainability index of Amravati district developed through principal component analysis which was seen declining over the years. Higher number of sustainability index represents higher sustainability whereas, lower number represents lower sustainability, which indicates that, the Amravati agriculture is tending towards unsustainability.

Key words: Sustainability indicators, Principal component analysis, Sustainability index